

**To:** Ashcroft, Tyler[tashcrof@blm.gov]  
**From:** Ginn, Allison  
**Sent:** 2017-03-10T16:01:28-05:00  
**Importance:** Normal  
**Subject:** Fwd: FY17 Youth Announcement  
**Received:** 2017-03-10T16:02:40-05:00  
[GRANT12328827 UT ACE.zip](#)  
[GRANT12328782- UT American Conservation Experience.zip](#)  
[GRANT12328766- UT American Conservation Experience.zip](#)  
[GRANT12328812- UT American Conservation Experience.zip](#)

It occurred to me that you might be interested in hearing about the projected opportunities for youth hires from our branch. We're meeting at 10am on Tuesday, if you're interested.

Regards,

Allison Ginn  
National Conservation Lands Program Lead  
BLM Utah State Office  
801-539-4053

----- Forwarded message -----

**From:** **Ginn, Allison** <[aginn@blm.gov](mailto:aginn@blm.gov)>  
**Date:** Wed, Mar 1, 2017 at 11:35 AM  
**Subject:** Re: FY17 Youth Announcement  
**To:** "Curtis, Aaron" <[acurtis@blm.gov](mailto:acurtis@blm.gov)>  
**Cc:** Evan Glenn <[eglenn@blm.gov](mailto:eglenn@blm.gov)>, "Matthew (Matt) Blocker" <[mblocker@blm.gov](mailto:mblocker@blm.gov)>, Robert Sweeten <[rsweeten@blm.gov](mailto:rsweeten@blm.gov)>, "Thomas, Nathan D" <[nthomas@blm.gov](mailto:nthomas@blm.gov)>, Diana Barg <[dbarg@blm.gov](mailto:dbarg@blm.gov)>, Ashley Losey <[Alosey@blm.gov](mailto:Alosey@blm.gov)>

Maybe we can have a brief chat at the 3/9 meeting and then a full fledged discussion the week of 3/13. I'll try to find an hour that works for everyone.

For informational purposes, I'm attaching grants submitted under the NLCS Scientific Studies Agreement that we decided were a better fit for a Youth agreement. These might get some creativity flowing.

Regards,

Allison Ginn  
National Conservation Lands Program Lead  
BLM Utah State Office  
801-539-4053

On Wed, Mar 1, 2017 at 9:01 AM, Curtis, Aaron <[acurtis@blm.gov](mailto:acurtis@blm.gov)> wrote:

yes, please - but it may have to wait until the week of 3/13 to accommodate this week's training and folks being out of the office next week. If that's not too late, could you please send out an invite, Allison? Otherwise let's leave our 3/9 Outdoor Team meeting as a placeholder to discuss it.

AJC

On Tue, Feb 28, 2017 at 3:19 PM, Ginn, Allison <[aginn@blm.gov](mailto:aginn@blm.gov)> wrote:

Should we meet as a Branch and discuss needs related to settlement and BENM?

Regards,

Allison Ginn  
National Conservation Lands Program Lead  
BLM Utah State Office  
801-539-4053

----- Forwarded message -----

From: **Financial Assistance, BLM UT** <[blm ut financial assistance@blm.gov](mailto:blm_ut_financial_assistance@blm.gov)>

Date: Tue, Feb 28, 2017 at 2:27 PM

Subject: FY17 Youth Announcement

To: Adrienne Pilmanis <[apilmani@blm.gov](mailto:apilmani@blm.gov)>, Alan Bass <[abass@blm.gov](mailto:abass@blm.gov)>, Alan Titus <[atitus@blm.gov](mailto:atitus@blm.gov)>, Allison Ginn <[aginn@blm.gov](mailto:aginn@blm.gov)>, Allysia Angus <[aangus@blm.gov](mailto:aangus@blm.gov)>, Amanda Scott <[ascott@blm.gov](mailto:ascott@blm.gov)>, Amber Hughes <[ahughes@blm.gov](mailto:ahughes@blm.gov)>, Amber Johnson <[a2johnson@blm.gov](mailto:a2johnson@blm.gov)>, Ann Aubry <[aaubry@blm.gov](mailto:aaubry@blm.gov)>, Ashley Losey <[alosey@blm.gov](mailto:alosey@blm.gov)>, Benjamin Cazier <[bcazier@blm.gov](mailto:bcazier@blm.gov)>, Cameron Cox <[cdcox@blm.gov](mailto:cdcox@blm.gov)>, Casey Addy <[caddy@blm.gov](mailto:caddy@blm.gov)>, Christine Fletcher <[cfletcher@blm.gov](mailto:cfletcher@blm.gov)>, Clay Stewart <[clstewar@blm.gov](mailto:clstewar@blm.gov)>, Dan Fletcher <[dfletche@blm.gov](mailto:dfletche@blm.gov)>, Darren Williams <[darrenwilliams@blm.gov](mailto:darrenwilliams@blm.gov)>, "David (Dave) Jacobson" <[djacobso@blm.gov](mailto:djacobso@blm.gov)>, David Corry <[dcorry@blm.gov](mailto:dcorry@blm.gov)>, David Jeppesen <[d1jeppes@blm.gov](mailto:d1jeppes@blm.gov)>, Diana Barg <[dbarg@blm.gov](mailto:dbarg@blm.gov)>, Evan Glenn <[eglenn@blm.gov](mailto:eglenn@blm.gov)>, Gaye Mangum <[gmangum@blm.gov](mailto:gmangum@blm.gov)>, James Bradshaw <[jbradshaw@blm.gov](mailto:jbradshaw@blm.gov)>, Jared Reese <[jreese@blm.gov](mailto:jreese@blm.gov)>, Jeanette Shackelford <[jshackelford@blm.gov](mailto:jshackelford@blm.gov)>, Jefferson McKenzie <[jmckenzi@blm.gov](mailto:jmckenzi@blm.gov)>, Jeffrey Beal <[jbeal@blm.gov](mailto:jbeal@blm.gov)>, Jennifer Christensen <[jkchristensen@blm.gov](mailto:jkchristensen@blm.gov)>, Jennifer Jones <[jljones@blm.gov](mailto:jljones@blm.gov)>, Jeremy Jarnecke <[Jjarnecke@blm.gov](mailto:Jjarnecke@blm.gov)>, Justin Jimenez <[jjimenez@blm.gov](mailto:jjimenez@blm.gov)>, Kerry Shwartz <[Kshwartz@blm.gov](mailto:Kshwartz@blm.gov)>, Laurel Glidden <[lglidden@blm.gov](mailto:lglidden@blm.gov)>, Leonard Herr <[lherr@blm.gov](mailto:lherr@blm.gov)>, Leslie Gunn <[lgunn@blm.gov](mailto:lgunn@blm.gov)>, Lisa Bryant <[lbryant@blm.gov](mailto:lbryant@blm.gov)>, Lisa Church <[lchurch@blm.gov](mailto:lchurch@blm.gov)>, Lora Anderson-Gale <[landersongale@blm.gov](mailto:landersongale@blm.gov)>, Lori Hunsaker <[lhunsaker@blm.gov](mailto:lhunsaker@blm.gov)>, Lynne Scott <[lscott@blm.gov](mailto:lscott@blm.gov)>, Marcia Wineteer <[mwinetee@blm.gov](mailto:mwinetee@blm.gov)>, Marilyn Hedrick <[mhedrick@blm.gov](mailto:mhedrick@blm.gov)>, Mark Williams <[mawilliams@blm.gov](mailto:mawilliams@blm.gov)>, Mary Dewitz <[mdewitz@blm.gov](mailto:mdewitz@blm.gov)>, "Matthew (Matt) Blocker" <[mblocker@blm.gov](mailto:mblocker@blm.gov)>, Matthew Betenson <[mbetenso@blm.gov](mailto:mbetenso@blm.gov)>, Matthew Zweifel <[mzweifel@blm.gov](mailto:mzweifel@blm.gov)>, Michael Leschin <[mleschin@blm.gov](mailto:mleschin@blm.gov)>, Misti Haines <[mhaines@blm.gov](mailto:mhaines@blm.gov)>, Myron Jeffs <[mjeffs@blm.gov](mailto:mjeffs@blm.gov)>, Nathan Thomas <[nthomas@blm.gov](mailto:nthomas@blm.gov)>, Pamela Riddle <[priddle@blm.gov](mailto:priddle@blm.gov)>, Rachelle Bruse <[rbruse@blm.gov](mailto:rbruse@blm.gov)>, Rebecca Hunt Foster <[rhuntfoster@blm.gov](mailto:rhuntfoster@blm.gov)>, Robert Douglas <[bdouglas@blm.gov](mailto:bdouglas@blm.gov)>, Robin Naeve <[rnaeve@blm.gov](mailto:rnaeve@blm.gov)>, Scott Davis <[s2davis@blm.gov](mailto:s2davis@blm.gov)>, Sheri whitfield <[swhitfie@blm.gov](mailto:swhitfie@blm.gov)>, "Teresa (Terry) Snyder" <[tsnyder@blm.gov](mailto:tsnyder@blm.gov)>, Thomas Adamson <[tadamson@blm.gov](mailto:tadamson@blm.gov)>, "William (Allan) Bate" <[abate@blm.gov](mailto:abate@blm.gov)>

Good Afternoon,

The FY17 statewide umbrella youth announcement is now out on [grants.gov](https://www.grants.gov). I have been working with the WO to re-vamp this announcement to better cover all aspects of the youth program. The [grants.gov](https://www.grants.gov) announcement number for this is L17AS00002 and all individual projects will be announced underneath this announcement via mini announcements as attachments to the master.

I have attached a template with some example language of a mini announcement if you wish to get a new project in place for 2017. These mini announcements are required to be returned to me by April 15, 2017 for award this fiscal year. Please be aware that any current awards that are closing in 2017 will not be extended and a new agreement must be put in place to continue offering opportunities for your programs.

Also, please be aware that I will be asking for more detailed information on what your substantial involvement will be for new awards. It is extremely important that if we are going to be offering opportunities to youth that we are committed to the mentoring that is required for all youth agreements.

And one last reminder...I am aware that all offices are beginning to feel the pinch that the hiring freeze has placed on the agency. Youth agreements are in no way to be used to offset the effects of this. **Youth agreements and interns are not to be used to complete work that should be done by BLM employees.** They are only to be used to provide opportunities for experience for young adults. This is being watched closely by our WO to keep all of us in compliance with federal regulations. Please do not attempt to get a youth agreement in place to replace federal employees.

Please feel free to give me a call with any questions you have.

Thanks,  
Melanie

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*Aaron Curtis  
Branch Chief for Outdoor and Heritage Resources  
Bureau of Land Management, Utah State Office  
Salt Lake City, Utah  
801.539.4225*

**BUDGET INFORMATION - Non-Construction Programs**OMB Number: 4040-0006  
Expiration Date: 01/31/2019**SECTION A - BUDGET SUMMARY**

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. ACE Interns	15.231	\$ 0.00	\$ 0.00	\$ 25,000.00	\$ 23,126.40	\$ 48,126.40
2. 0	0	0.00	0.00	0.00	0.00	0.00
3. 0	0	0.00	0.00	0.00	0.00	0.00
4. 0	0	0.00	0.00	0.00	0.00	0.00
5. Totals		\$	\$	\$ 25,000.00	\$ 23,126.40	\$ 48,126.40

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Tracking Number: GRANT12328812

Funding Opportunity Number: L17AS00001 Received Date: Feb 02, 2017 06:36:30 PM EST

## SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total (5)
	(1)	(2)	(3)	(4)	
	ACE Interns	0	0	0	
a. Personnel	\$ 11,360.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 11,360.00
b. Fringe Benefits	2,084.00	0.00	0.00	0.00	2,084.00
c. Travel	2,320.00	0.00	0.00	0.00	2,320.00
d. Equipment	0.00	0.00	0.00	0.00	
e. Supplies	2,166.00	0.00	0.00	0.00	2,166.00
f. Contractual	0.00	0.00	0.00	0.00	
g. Construction	0.00	0.00	0.00	0.00	
h. Other	150.00	0.00	0.00	0.00	150.00
i. Total Direct Charges (sum of 6a-6h)	18,080.00	0.00	0.00	0.00	\$ 18,080.00
j. Indirect Charges	6,920.00	0.00	0.00	0.00	\$ 6,920.00
k. TOTALS (sum of 6i and 6j)	\$ 25,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 25,000.00
7. Program Income	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	

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SECTION C - NON-FEDERAL RESOURCES					
(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS	
8. ACE Interns	\$ 23,126.40	\$ 0.00	\$ 0.00	\$ 23,126.40	
9. 0	0.00	0.00	0.00	0.00	
10. 0	0.00	0.00	0.00	0.00	
11. 0	0.00	0.00	0.00	0.00	
12. TOTAL (sum of lines 8-11)	\$ 23,126.40	\$	\$	\$ 23,126.40	

SECTION D - FORECASTED CASH NEEDS					
	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	\$ 25,000.00	\$ 25,000.00	\$ 0.00	\$ 0.00	\$ 0.00
14. Non-Federal	\$	0.00	0.00	0.00	0.00
15. TOTAL (sum of lines 13 and 14)	\$ 25,000.00	\$ 25,000.00	\$ 0.00	\$ 0.00	\$ 0.00

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT					
(a) Grant Program	FUTURE FUNDING PERIODS (YEARS)				
	(b)First	(c) Second	(d) Third	(e) Fourth	
16. ACE Interns	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	
17. 0	0.00	0.00	0.00	0.00	
18. 0	0.00	0.00	0.00	0.00	
19. 0	0.00	0.00	0.00	0.00	
20. TOTAL (sum of lines 16 - 19)	\$	\$	\$	\$	

SECTION F - OTHER BUDGET INFORMATION	
21. Direct Charges: 18080	22. Indirect Charges: 6920
23. Remarks: Interns 2; Weeks 36 (18 * 2); Living Allowance \$300/wk; Invoice Rate \$575/wk; Transportation Stipend \$2,320 (\$1,160 * 2); iPad Equipment \$2,000 (\$1,000 * 2)	

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Manifest for Grant Application # GRANT12328812

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 26176 bytes)

Forms Included in Zip File(total 7):

1. Form GG\_LobbyingForm-V1.1.pdf (size 23095 bytes)
2. Form ProjectNarrativeAttachments\_1\_2-V1.2.pdf (size 21577 bytes)
3. Form SF424\_2\_1-V2.1.pdf (size 30052 bytes)
4. Form BudgetNarrativeAttachments\_1\_2-V1.2.pdf (size 22291 bytes)
5. Form SF424A-V1.0.pdf (size 29807 bytes)
6. Form Key\_Contacts-V1.0.pdf (size 26639 bytes)
7. Form SF424B-V1.1.pdf (size 28111 bytes)

Attachments Included in Zip File (total 2):

1. ProjectNarrativeAttachments\_1\_2  
ProjectNarrativeAttachments\_1\_2-Attachments-1235-L17AS00001 #2 WSA wildSnap Intern  
Support Proposal Narrative.pdf application/pdf (size 227020 bytes)
2. BudgetNarrativeAttachments\_1\_2  
BudgetNarrativeAttachments\_1\_2-Attachments-1234-L17AS00001 #2 WSA wildSnap Intern  
Support Budget and 424s.pdf application/pdf (size 1372494 bytes)



**Bureau of Land Management**  
Utah State Office  
Grants & Cooperative Agreements



**BUDGET DETAIL**  
**EPIC 2017 034**

**Instructions:** Starting with the same budget amounts as listed on the SF-424A Budget Information form, use this worksheet to show details of the estimated costs. Provide enough information that costs may be analyzed for reasonableness as compared to costs or work of similar size and scope. Use the Narrative boxes as necessary to explain each cost.

Agreement or Funding Opportunity No.: L17AS00001 Date: 2-Feb-17

Organization Name: American Conservation Experience

Project Title: Cultural Resource Monitoring Program - Bears Ears National Monument

**A) PERSONNEL** (SF 424A Object Class Category 6a.)

*The cost of salaries & wages, not including fringe benefits, paid to Recipient employees working directly on this agreement. Indicate Key Personnel with an asterisk (\*). Provide more detail in the Narrative Box if needed.*

Name & Title or Position Title	No. of Personnel	Salary or Wage	Hours, Days, Weeks, Months, or Other	Matching Funds (if applicable)	BLM Funds
Intern Living Allowance	1	\$425/week	16	\$ 8,278.40	\$ 6,800.00
Tech Development Director	1	\$70/hour	70	\$ -	\$ 4,900.00
Position 3	0	\$0/	0	\$ -	\$ -
Position 4	0	\$0/	0	\$ -	\$ -
Position 5	0	\$0/	0	\$ -	\$ -
Position 6	0	\$0/	0	\$ -	\$ -
Position 7	0	\$0/	0	\$ -	\$ -
<b>A) TOTAL PERSONNEL COSTS:</b>				<b>\$ 8,278.40</b>	<b>\$ 11,700.00</b>
(SF-424A Object Class Category 6a. Personnel)					

Narrative : One 16-week Cultural Resource Management Intern will receive a \$300/week Living Allowance, as well as a \$125/week Housing Allowance, paid bi-weekly. 40 hours/week will be expected for this project. Intern may be eligible for a 450-hour AmeriCorps award (\$1,527.45) upon successful completion of the internship. Duty location tbd by ACE and BLM to assure efficiency and viability of program implementation.



**B) FRINGE BENEFITS** (SF 424A Object Class Category 6b.)

*The cost of fringe benefits, such as FICA, workers comp, state payroll taxes, etc., paid to Recipient employees working on this agreement. List employees or positions below, and their fringe benefit rates as percentages of their salaries. List what are included as fringe benefits in the Narrative Box.*

Name & Title/Position	Salary/Wage Base	Fringe Benefit Rate (%)	Matching Funds (if applicable)	BLM Funds
	(BLM Amounts budgeted in Section A above)			
Intern Living Allowance	\$ 6,800.00	18%	\$ -	\$ 1,224.00
Tech Development Director	\$ 4,900.00	25%	\$ -	\$ 1,225.00
Position 3	\$ -	18%	\$ -	\$ -
Position 4	\$ -	18%	\$ -	\$ -
Position 5	\$ -	18%	\$ -	\$ -
Position 6	\$ -	18%	\$ -	\$ -
Position 7	\$ -	18%	\$ -	\$ -
B) TOTAL FRINGE BENEFIT COSTS:			\$ -	\$ 2,449.00
(SF-424A Object Class Category 6b. Fringe Benefits)				

Narrative : Fringe rate calculation covers all liability, workers compensation, vehicle, payroll insurance, FICA, Social Security and Medicare expenses associated.

C) TRAVEL (SF 424A Object Class Category 6c.)					
<u>LODGING &amp; PER DIEM</u> The cost of lodging & meals while travelling for agreement activities. Give details and purpose of the travel in the Narrative Box. Current Federal rates may be found online at: <a href="http://www.gsa.gov/portal/category/21287">http://www.gsa.gov/portal/category/21287</a> .					
Proposed Travel, Lodging & Per Diem	No. of People	No. of days	Cost Per Person	Matching Funds (if applicable)	BLM Funds
To:					
From:					
To:					
From:					
To:					
From:					
To:					
From:					
<u>MILEAGE REIMBURSEMENT</u> The cost of reimbursement for estimated mileage traveled for agreement activities. Give details and the purpose of the travel in the Narrative Box. Current Federal mileage reimbursement rates may be found online at: <a href="http://www.GSA.gov">www.GSA.gov</a> .					
Proposed Travel, Lodging & Per Diem	No. of Miles	No. of Trips	Cost Per Mile	Matching Funds (if applicable)	BLM Funds
To:					
From:					
To:					
From:					
To:					
From:					
To:					
From:					
<u>OTHER TRAVEL COSTS</u> - The costs of airfare, bus fare, car rental, etc., required for agreement activities. Explain the details and the purpose of the costs in the Narrative Box.					
Proposed Other Travel Reimbursement	Type	Cost	No.	Matching Funds (if applicable)	BLM Funds
To:					
From:		\$ -	0		\$ -
To:	Transporation Allowance	\$ 150.00	10		\$ 1,500.00
From:					
To:		\$ -			\$ -
From:					
To:		\$ -			\$ -
From:					
<b>C) TOTAL TRAVEL COSTS:</b>					
(SF-424A Object Class Category 6c. Travel)				\$ -	\$ 1,500.00
<u>Narrative</u> : Basic travel costs from SLC to BENM has been allocated for field trials and implementation of the program. The Cultural Resource Management Intern for this project will not have regular access to a 4-wheel drive vehicle. If needed, funding can be reallocated to allow for vehicle use, camping and incidentals. ACE will have a staff vehicle available for trips down. If the intern ends up being housed near the monument, alternative travel arrangements will need to be decided upon between ACE and BLM staff.					

**D) EQUIPMENT** (SF 424A Object Class Category 6d. Equipment)

The cost of equipment (items with a useful life of more than one (1) year and a cost of \$5,000+ per unit). Explain the need and purpose of the equipment in the Narrative box below.

Equipment	Quantity	Cost per Unit	Matching Funds (if applicable)	BLM Funds
Equipment 1 Description	0	\$0.00	\$ -	\$ -
Equipment 2 Description	0	\$0.00	\$ -	\$ -
Equipment 3 Description	0	\$0.00	\$ -	\$ -
<b>D) TOTAL EQUIPMENT COSTS:</b>				
(SF-424A Object Class Category 6d. Equipment)			\$ -	\$ -

Narrative : N/A

**E) SUPPLIES** (SF 424A Object Class Category 6e. Supplies)

The cost of materials and supplies used directly on this project, such as safety glasses, work gloves, office supplies, etc. Explain the details and purpose in the Narrative box below.

Item	Quantity	Cost per Unit	Matching Funds (if applicable)	BLM Funds
Uniform	0	\$75.00	\$ -	\$ -
Nametag	0	\$8.00	\$ -	\$ -
Tech Hardware and Software supplies	1	\$2,500.00	\$ -	\$ 2,500.00
Supply 4 Description	0	\$0.00	\$ -	\$ -
Supply 5 Description	0	\$0.00	\$ -	\$ -
<b>E) SUPPLIES COST TOTAL:</b>				
(SF-424A Object Class Category 6e. Supplies)			\$ -	\$ 2,500.00


Narrative : This project will require one drone setup complete with drone hardware, software, pack, batteries, iPad, and car charger.

<b>F) CONTRACTUAL</b> (SF 424A Object Class Category 6f. Contractual)			
The cost of contracted services and/or sub-recipient agreements. Provide names and explain the details and purpose of the costs in the Narrative box below. <u>NOTE</u> : Contracts must be competed per the Uniform Administrative Rules.			
Contractor Name, Type, etc.	Cost	Matching Funds (if applicable)	BLM Funds
<b>F) CONTRACTUAL COST TOTAL:</b>		<b>\$</b>	<b>-</b>
(SF-424A Object Class Category 6f. Contractual)			
<i>Narrative</i> : N/A			

<b>G) CONSTRUCTION COSTS</b> (SF 424A Object Class Category 6g. Construction)			
The cost of construction.			
Contractor: Name/Type/Organization/Etc.	Cost	Matching Funds (if applicable)	BLM Funds
*** <b>NOT APPLICABLE</b> ***			
<b>G) CONSTRUCTION COST TOTAL:</b>		<b>\$ N/A</b>	<b>\$ N/A</b>
(SF-424A Object Class Category 6g. Construction)			
<i>Narrative</i> : N/A			

<b>H) OTHER</b> (SF 424A Object Class Category 6h. Other)			
Costs that don't fit any other Object Class Category, such as duplicating and printing, postage and freight, rented equipment, etc. Explain the details and purpose in the Narrative box below.			
Item	Cost	Matching Funds (if applicable)	BLM Funds
Program Support/Contingency	\$ -	\$ -	\$ -
Background Check	\$ 75.00	\$ -	\$ 75.00
Other 3 Description	\$ -	\$ -	\$ -
Other 4 Description	\$ -	\$ -	\$ -
Other 5 Description	\$ -	\$ -	\$ -
Other 6 Description	\$ -	\$ -	\$ -
Other 7 Description	\$ -	\$ -	\$ -
Other 8 Description	\$ -	\$ -	\$ -
Other 9 Description	\$ -	\$ -	\$ -
Other 10 Description	\$ -	\$ -	\$ -
<b>H) OTHER COSTS TOTAL:</b>		\$ -	\$ 75.00
(SF-424A Object Class Category 6h. Other)			
<u>Narrative</u> : ACE provides background checks for each intern.			


<b>I) TOTAL DIRECT CHARGES</b> (SF 424A Object Class Category 6i. Sum of 6a. 6h.)		
The total of all direct costs applicable to this project.		
	<b>Matching Funds (if applicable)</b>	<b>BLM Funds</b>
<b>I) TOTAL DIRECT COSTS:</b>	\$ -	\$ 18,224.00
(SF-424A Object Class Category 6i. Total, Sum of 6a.-6h.)		
<b>J) INDIRECT COSTS</b> (SF 424A Object Class Category 6j. Indirect Charges)		
Costs which can't be readily identified and charged to a particular project, such as building rent, utilities, miscellaneous office supplies, etc. Such costs are usually charged to the project as a percentage of some or all of the Direct Costs (Items I above). This percentage is called the Indirect Cost Rate.		
<p><u>Note:</u> If your organization has a negotiated indirect cost rate agreement (NICRA) with a federal agency, please use that rate and submit a copy with your application. If your organization has no NICRA, the BLM Grants Management Officer may allow an indirect cost rate of 10% of the base modified total direct costs (MTDC). MTDC is all salaries and wages, fringe benefits, materials and supplies, services, travel, and subgrants and subcontracts up to the first \$25,000 of each. Use the Narrative box below to explain how you calculated your indirect costs.</p>		
Base amount for this Grant: (Total Direct Costs, Total Labor Costs, MTDC, etc.)	\$18,224	
Rate to be used on this Grant (%):	37.18%	
	<b>Matching Funds (if applicable)</b>	<b>BLM Funds</b>
<b>J) TOTAL INDIRECT COSTS:</b>	\$ -	\$ 6,776.00
(SF-424A Object Class Category 6j. Indirect Charges)		
<p><u>Narrative</u> : ACE is covering significant expenses to assure that the project can be accomplished for the funding allocation permitted under this request for proposals.</p>		

<b>K) TOTALS</b> (SF 424A Object Class Category 6k. TOTALS)		
The sum total of Direct and Indirect Costs (Sum of 6i. & 6j.) applicable to this agreement.		
	<b>Matching Funds (if applicable)</b>	<b>BLM Funds</b>
<b>K) TOTAL COSTS:</b>		
(SF-424A Object Class Category 6k. TOTALS)	\$ 8,278.40	\$ 25,000.00
By signing below, I certify that to the best of my knowledge the costs detailed above are correct and complete and for the purposes set forth in the application for Federal Assistance.		
		
Signature Shane Barrow, National Internship Director, ACE EPIC		Date: 2/2/17
Printed Name & Title of Person Completing Budget		

<b>Application for Federal Assistance SF-424</b>				OMB Number: 4040 0004 Expiration Date: 8/31/2016																	
<b>1. Type of Submission:</b>  <input type="checkbox"/> Preapplication <input checked="" type="checkbox"/> Application <input type="checkbox"/> Changed/Corrected Application		<b>2. Type of Application</b> *If Revision, select appropriate letter(s) <div style="border: 1px solid black; height: 15px; width: 100%;"></div> <input checked="" type="checkbox"/> New <input type="checkbox"/> Continuation      * Other (Specify) <input type="checkbox"/> Revision <div style="border: 1px solid black; height: 15px; width: 100%;"></div>																			
<b>3. Date Received:</b>  <div style="border: 1px solid black; text-align: center; padding: 2px;">2/2/17</div>		<b>4. Applicant Identifier:</b>  <div style="border: 1px solid black; text-align: center; padding: 2px;">EPIC 2017 034</div>																			
<b>5a. Federal Entity Identifier:</b>  <div style="border: 1px solid black; height: 15px; width: 100%;"></div>		<b>5b. Federal Award Identifier:</b>  <div style="border: 1px solid black; text-align: center; padding: 2px;">L17AS00001</div>																			
State Use Only:																					
<b>6. Date Received by State</b>		<b>7. State Application Identifier</b>																			
<b>8. Applicant Information</b>																					
<b>a. Legal Name</b> American Conservation Experience																					
<b>b. Employer / Taxpayer Identifier Number (EIN/TiN):</b>  <div style="border: 1px solid black; text-align: center; padding: 2px;">37 1473291</div>				<b>c. Organizational DUNS:</b>  <div style="border: 1px solid black; text-align: center; padding: 2px;">1453726160000</div>																	
<b>d. Address:</b>  <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%; border-right: 1px solid black; padding: 2px;">Street1</td> <td style="padding: 2px;">2900 North Fort Valley Rd</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;">Street2</td> <td style="padding: 2px;"></td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;">City:</td> <td style="padding: 2px;">Flagstaff</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;">County/Parish:</td> <td style="padding: 2px;"></td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;">State:</td> <td style="padding: 2px;">AZ: Arizona</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;">Province:</td> <td style="padding: 2px;"></td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;">Country:</td> <td style="padding: 2px;">USA: United States</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;">Zip / Postal Code</td> <td style="padding: 2px;">86001 8310</td> </tr> </table>						Street1	2900 North Fort Valley Rd	Street2		City:	Flagstaff	County/Parish:		State:	AZ: Arizona	Province:		Country:	USA: United States	Zip / Postal Code	86001 8310
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<b>e. Organizational Unit:</b>  <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border-bottom: 1px solid black;">Department Name:</td> <td style="width: 50%; border-bottom: 1px solid black;">Division Name:</td> </tr> <tr> <td style="border-bottom: 1px solid black;">ACE EPIC Program</td> <td style="border-bottom: 1px solid black;"></td> </tr> </table>						Department Name:	Division Name:	ACE EPIC Program													
Department Name:	Division Name:																				
ACE EPIC Program																					
<b>f. Name and contact information of person to be contacted on matters involving this application:</b>  <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%; border-right: 1px solid black; padding: 2px;">Prefix:</td> <td style="width: 20%; border-right: 1px solid black; padding: 2px;">First Name:</td> <td style="width: 60%; padding: 2px;">Shane</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;"></td> <td style="border-right: 1px solid black; padding: 2px;">Middle Name:</td> <td style="padding: 2px;"></td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;"></td> <td style="border-right: 1px solid black; padding: 2px;">Last Name:</td> <td style="padding: 2px;">Barrow</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;">Suffix:</td> <td colspan="2" style="padding: 2px;"></td> </tr> </table>						Prefix:	First Name:	Shane		Middle Name:			Last Name:	Barrow	Suffix:						
Prefix:	First Name:	Shane																			
	Middle Name:																				
	Last Name:	Barrow																			
Suffix:																					
Title:	National Internship Director																				
Organizational Affiliation:		American Conservation Experience																			
Telephone Number:		801 946 2722		Fax Number: 866 604 9307																	
Email:		sbarrow@usaconservation.org																			



<b>Application for Federal Assistance SF-424</b>	
9. Type of Applicant 1:	M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Learning)
Type of Applicant 2:	
Type of Applicant 3:	
Other (specify):	
10. Name of Federal Agency	
Bureau of Land Management	
11. Catalog of Federal Domestic Assistance Number:	15.231
CFDA Title:	Fish, Wildlife and Plant Conservation Resource Management
12. Funding Opportunity Number:	L17AS00001
Title:	BLM FY2017 Bureau wide National Conservation Lands Scientific Studies Support Program
13. Competition Identification Number:	
Title:	
14. Areas Affected by Project (Cities, Counties, States, etc.):	
Blanding, UT area	
15. Descriptive Title of Applicants Project:	
Cultural Resource Management Intern Bears Ears National Monument	

<b>Application for Federal Assistance SF-424</b>			
16. Congressional District of:			
a. Applicant	AZ01	b. Program / Project	UT03
17. Proposed Project:			
a. Start Date	4/1/17	b. End Date:	3/31/22
18. Estimated Funding (\$):			
a. Federal	\$	25,000.00	
b. Applicant	\$	8,278.40	
c. State	\$		
d. Local	\$		
e. Other	\$		
f. Program Income	\$		
<b>g. TOTAL</b>	<b>\$</b>	<b>33,278.40</b>	
19. Is Application Subject to Review By State Under Executive Order 12372 Process?			
<input type="checkbox"/> a. This application was made available to the State under Executive Order 12372 Process for review on			
<input type="checkbox"/> b. Program is subject to E.O. 12372 but has not been selected by the State for review			
<input checked="" type="checkbox"/> c. Program is not covered by E.O. 12372.			
20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes", provide explanation in attachment.)			
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
If "Yes", provide explanation and attach			
21. *By signing this application, I certify (1) to the statements contained in the list of certifications** and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 218, Section 1001)			
<input checked="" type="checkbox"/> ** I AGREE                      ** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency			
<b>Authorized Representative:</b>			
Prefix:	First Name:	Shane	
	Middle Name:		
	Last Name:	Barrow	
Suffix:			
Title:			
Telephone Number:	801 946 2722	Fax Number:	866 604 9307
Email:	sbarrow@usaconservation.org		
Signature of Authorized Representative:			Date: 2 Feb 17

BUDGET INFORMATION - Non-Construction Programs SF-424A						OMB Number: 4040-0006
						Expiration Date: 06/30/2014
SECTION A - BUDGET SUMMARY						
Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
ACE Interns	15.231	\$ -	\$ -	\$ 25,000.00	\$ 8,278.40	\$ 33,278.40
		\$ -	\$ -	\$ -	\$ -	\$ -
		\$ -	\$ -	\$ -	\$ -	\$ -
		\$ -	\$ -	\$ -	\$ -	\$ -
5. Totals		\$ -	\$ -	\$ 25,000.00	\$ 8,278.40	\$ 33,278.40

Standard Form 424A (Rev. 7-97)  
Prescribed by OMB (Circular A-102) Page 1

BUDGET INFORMATION - Non-Construction Programs SF-424A					
SECTION B - BUDGET CATEGORIES					Total (5)
6. Object Class Categories	GRANT PROGRAM, FUNCTION, OR ACTIVITY				
	(1) ACE Interns	(2) 0	(3) 0	(4) 0	
a. Personnel	\$ 11,700.00	\$ -	\$ -	\$ -	\$ 11,700.00
b. Fringe Benefits	\$ 2,449.00	\$ -	\$ -	\$ -	\$ 2,449.00
c. Travel	\$ 1,500.00	\$ -	\$ -	\$ -	\$ 1,500.00
d. Equipment	\$ -	\$ -	\$ -	\$ -	\$ -
e. Supplies	\$ 2,500.00	\$ -	\$ -	\$ -	\$ 2,500.00
f. Contractual	\$ -	\$ -	\$ -	\$ -	\$ -
g. Construction	\$ -	\$ -	\$ -	\$ -	\$ -
h. Other	\$ 75.00	\$ -	\$ -	\$ -	\$ 75.00
i. Total Direct Charges (Sum of 6a-6h)	\$ 18,224.00	\$ -	\$ -	\$ -	\$ 18,224.00
j. Indirect Charges	\$ 6,776.00	\$ -	\$ -	\$ -	\$ 6,776.00
k. TOTALS (sum of 6i and 6j)	\$ 25,000.00	\$ -	\$ -	\$ -	\$ 25,000.00
7. Program Income					
<div style="text-align: right;">Standard Form 424A (Rev. 7- 97) Prescribed by OMB (Circular A -102) Page 1A</div>					

BUDGET INFORMATION - Non-Construction Programs SF-424A					
SECTION C - NON-FEDERAL RESOURCES					
(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e) TOTALS	
8.ACE Interns	\$ 8,278.40	\$ -	\$ -	\$ 8,278.40	
9.	\$ -	\$ -	\$ -	\$ -	
10.	\$ -	\$ -	\$ -	\$ -	
11.	\$ -	\$ -	\$ -	\$ -	
12. TOTAL (sum of lines 8-11)	\$ 8,278.40	\$ -	\$ -	\$ 8,278.40	
SECTION D - FORECASTED CASH NEEDS					
	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	\$ 25,000.00	\$ -	\$ -	\$ -	\$ -
14. Non-Federal	\$ -	\$ -	\$ -	\$ -	\$ -
15. TOTAL (sum of lines 13 and 14)	\$ 25,000.00	\$ -	\$ -	\$ -	\$ -
SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT					
(a) Grant Program	FUTURE FUNDING PERIODS (YEARS)				
	(b) First	(c) Second	(d) Third	(e) Fourth	
16.ACE Interns	\$ -	\$ -	\$ -	\$ -	
17.	\$ -	\$ -	\$ -	\$ -	
18.	\$ -	\$ -	\$ -	\$ -	
19.	\$ -	\$ -	\$ -	\$ -	
20. TOTAL (sum of lines 16-19)	\$ -	\$ -	\$ -	\$ -	
SECTION F - OTHER BUDGET INFORMATION					
21. Direct Charges	\$ 18,224.00	22. Indirect Charges	\$ 6,776.00	NICRA 37.18%	
23. Remarks	Interns = 1; Weeks = 16; Stipend = \$425/week (LA = \$300/wk, HA = \$125/wk); Invoice Rate = \$752/wk; Tech Development Director = \$70/hr * 70 hrs; Tech Equipment = \$2,500; Travel and Training = \$1,500 Standard Form 424A (Rev. 7-97) Prescribed by OMB (Circular A -102) Page 2				

**ASSURANCES - NON-CONSTRUCTION PROGRAMS**

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0040), Washington, DC 20503.


**PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.**

**NOTE:** Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the awarding agency. Further, certain Federal awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant, I certify that the applicant:

1. Has the legal authority to apply for Federal assistance and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project cost) to ensure proper planning, management and completion of the project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the award; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
4. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
5. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§4728-4763) relating to prescribed standards for merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
6. Will comply with all Federal statutes relating to nondiscrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. §794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. §§290 dd-3 and 290 ee-3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. §§3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and, (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.
7. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal or federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
8. Will comply, as applicable, with provisions of the Hatch Act (5 U.S.C. §§1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.

9. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§276a to 276a-7), the Copeland Act (40 U.S.C. §276c and 18 U.S.C. §874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§327-333), regarding labor standards for federally-assisted construction subagreements.
10. Will comply, if applicable, with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
11. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§1451 et seq.); (f) conformity of Federal actions to State (Clean Air) Implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. §§7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).
12. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
13. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. §470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. §§469a-1 et seq.).
14. Will comply with P.L. 93-348 regarding the protection of human subjects involved in research, development, and related activities supported by this award of assistance.
15. Will comply with the Laboratory Animal Welfare Act of 1966 (P.L. 89-544, as amended, 7 U.S.C. §§2131 et seq.) pertaining to the care, handling, and treatment of warm blooded animals held for research, teaching, or other activities supported by this award of assistance.
16. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.
17. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-133, "Audits of States, Local Governments, and Non-Profit Organizations."
18. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.
19. Will comply with the requirements of Section 106(g) of the Trafficking Victims Protection Act (TVPA) of 2000, as amended (22 U.S.C. 7104) which prohibits grant award recipients or a sub-recipient from (1) Engaging in severe forms of trafficking in persons during the period of time that the award is in effect (2) Procuring a commercial sex act during the period of time that the award is in effect or (3) Using forced labor in the performance of the award or subawards under the award.

SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL 	TITLE National Internship Director
APPLICANT NAME American Conservation Experience	DATE SUBMITTED February 2, 2017

Standard Form 424B (Rev. 7-97) Back

## Key Contacts Form

**\* Applicant Organization Name:**

American Conservation Experience

Enter the individual's role on the project (e.g., project manager, fiscal contact).

**\* Contact 1 Project Role:** Federal Grants and Finance Manager

Prefix:

**\* First Name:** Annie

Middle Name:

**\* Last Name:** Meltzer

Suffix:

Title:

Organizational Affiliation:

**\* Street1:** 623 East 2100 South Suite #B1

Street2:

**\* City:** Salt Lake City

County:

**\* State:** UT: Utah

Province:

**\* Country:** USA: UNITED STATES**\* Zip / Postal Code:** 84106**\* Telephone Number:** 385 249 0823

Fax:

**\* Email:** ameltzer@usaconservation.org



## Key Contacts Form

**\* Applicant Organization Name:**

American Conservation Experience

Enter the individual's role on the project (e.g., project manager, fiscal contact).

**\* Contact 2 Project Role:** National Program Manager, BLM

Prefix:

**\* First Name:** Kelly

Middle Name:

**\* Last Name:** Barrett

Suffix:

Title:

Organizational Affiliation:

**\* Street1:** 623 East 2100 South Suite #B1

Street2:

**\* City:** Salt Lake City

County:

**\* State:** UT: Utah

Province:

**\* Country:** USA: UNITED STATES**\* Zip / Postal Code:** 84106**\* Telephone Number:** 385 272 0472

Fax:

**\* Email:** kbarrett@usaconservation.org

## Key Contacts Form

**\* Applicant Organization Name:**

American Conservation Experience

Enter the individual's role on the project (e.g., project manager, fiscal contact).

**\* Contact 3 Project Role:** National Internship Manager

Prefix:

**\* First Name:** Shane

Middle Name:

**\* Last Name:** Barrow

Suffix:

Title:

Organizational Affiliation:

**\* Street1:** 623 East 2100 South Suite #B1

Street2:

**\* City:** Salt Lake City

County:

**\* State:** UT: Utah

Province:

**\* Country:** USA: UNITED STATES**\* Zip / Postal Code:** 84106**\* Telephone Number:** 801 946 2722

Fax:

**\* Email:** sbarrow@usaconservation.org

**BUREAU OF LAND MANAGEMENT**  
Financial Assistance (Cooperative Agreements)



## ATTACHMENT A: PROJECT PROPOSAL (SUGGESTED FORMAP)

**Instructions:** A Project Proposal must be submitted with the Standard Form (SF) 424 Application for Federal Assistance for all BLM Assistance Agreements. Complete each section below. Use additional sheets as needed.  
\*\*If this is a continuation of existing BLM cooperative agreement, identify the current BLM agreement number and project title below.

Person Submitting Proposal: Annie Meltzer, Grants and Finance Manager Date: 2/2/2017

Organization Name: American Conservation Experience

\*\*Agreement or Announcement No.: L17AS00001 – WSA App Development

\*\* Agreement or Announcement BLM FY2017 Bureau-wide National Conservation Lands  
Title: Scientific Studies Support Program

Estimated Period of Performance: April 1, 2017 - March 31, 2022

BLM POC: BLM Utah State Office  
Proposed Project Location: \_\_\_\_\_

This work will occur on: ☒ Public Lands ☐ Both Public & Private Lands

**YOUR MISSION:** (Describe your mission. Describe why this support is being requested.)

American Conservation Experience (ACE) is a national 501 (c) (3) non-profit organization headquartered in Flagstaff, Arizona with regional chapters located in St. George, UT; Salt Lake City, UT; Santa Cruz, CA; South Lake Tahoe, CA; and Asheville, NC. ACE engages American & international youth by creating partnerships that promote conservation, protect natural & cultural resources, and uses innovative approaches in an effort to accomplish the shared mission with the Department of Interior.

The ACE Emerging Professional Internship Corps (EPIC) program provides individual placement opportunities where our participating members receive on-the-job skills training, professional development opportunities, hands on resource management experience, exposure to potential future careers through mentored interaction with land management professionals, and access to the many benefits of working with a 21st Century Service Corps program.

ACE EPIC program interns are expected to lead the way into the future of managing natural and cultural resources, but they are typically not offered the opportunity to work with the tools of the future. Tools that will allow for resource monitoring data collection, storage, interpretation, sharing and evaluation without duplicating work. The best tools save time, resources, and increasing accuracy.

Data collection for monitoring and research is a time intensive activity, and post processing of the data collection often forces agencies to limit the amount of data collected based on the challenge of inputting the data, organizing it, etc. We are proposing to create collection processes that allow for field data, photos, etc. to be collected, georeferenced, undergo rigorous review and quality control and assurance processes that allow continuity from year to year, point to point, linear feature to linear feature. ACE is proposing to enhance our development of field research and monitoring tools that will afford our interns, as well as current and future agency staff, integrity and accessibility to all data collected. The

methods for data collection and storage will be enhanced so that agency staff can reevaluate the data that they are interested in because data collection time, and therefore cost, will be decreased.

## **OBJECTIVE:**

ACE's objective for this project is to continue to develop the WildSnap app to collect valuable data to monitor Utah WSAs to fulfill the BLM Manual 6330 Management of BLM Wilderness Study Areas requirements and/or any future guidance or changes to directives that BLM requires. The uniqueness of this project is that BLM staff, ACE interns and even citizen scientists can all gather the necessary data to fulfill BLM monitoring requirements. The distinguishing factor of working with ACE is that the WildSnap data is completely owned by the BLM, while still being able to be collected outside. The data is collected offline in the field, and then uploaded using Cloud technology that BLM can easily import and access in any form the BLM needs. This data is stored safely and securely, and remains the property of the BLM.

BLM's objective is that all WSAs will be monitored to ensure continued sustainability for designation as wilderness and to protect the wilderness characteristics of a WSA from impairment. In essence, monitoring is the first step in identifying potential adverse impacts to such characteristics and whether or not the areas are being managed so as not to impair the suitability of the WSA for preservation as wilderness.

All WSAs are required to be monitored to ensure continued suitability for designation as wilderness at a frequency that will establish compliance with the non-impairment standard. In order to achieve the minimum monitoring frequency of once per month during the months that the area is accessible to the public, BLM Field Offices should invest in wide reaching survey technology and a force of volunteers for implementation.

In conjunction with this monitoring, BLM Field Offices must maintain permanent records of each WSA including photo documentation of routes, range developments, mining sites, and boundaries that may impact the naturalness of the WSA. These records must also include information on each monitoring visit, including geospatial data. Having access to WildSnap ensures that thorough records are kept regarding all monitoring visits, compiling the information into easy to reference site-specific monitoring guides. These monitoring guides will be maintained as the property of the BLM.

Most WildSnap users will be monitoring to detect potential violations of WSA policy and identify any unauthorized uses in WSAs and their associated impacts. Each WSA within the WildSnap app has a corresponding site-specific monitoring guide that includes a map of the boundaries of the WSA, as well as detailed information regarding setting and terrain, access routes, water availability, services, communication, and vital WSA monitoring material and standards. The BLM has identified several key observation points (KOPs) for each WSA as suggested locations to visit and collect panoramic photos. KOPs may include: trailheads, overlooks, trail intersections, canyon entrances, gates, campsites, water sources, and other landscape features.

Monitoring information and photographs assist in recording the location and extent of impacts so that the area can be restored or reclaimed. Information collected by WildSnap users may also assist in identifying resource conditions or features that could constitute supplemental values. Even when no disturbances are encountered, submitting a record of a monitoring visit where no unauthorized conditions exist is still valuable in assessing the condition of an area over time.

## **RESEARCH THEME AND TECHNICAL APPROACH:**

Please identify which themes apply to your projects:

- ✓ ***Research Identified in Unit Science Plans (for National Monuments, National Conservation Areas, and Similar Designations)***
- ✓ ***Standardized Inventory and Monitoring***
- ✓ ***Citizen Science***
- ✓ ***Other Management-Driven Research***

**1. Describe the techniques, processes, methodologies to be used.**

ACE has worked with the BLM, in the development of a WSA App, WildSnap, a landscape monitoring app for iOS which allows users to collect data in an offline environment. Data generated by the WildSnap user is synced to the encrypted Cloud servers managed by ACE following BLM data standards. This includes procedures issued and outlined by the WSA Management Manual 6330, while also collecting geo-referenced photos and ease of data transfer. These data points meet WSA monitoring standards in BLM Manual 6330 and dovetails with BLM Training Modules.

ACE works within open data standards, which allow the BLM ease of data acquisition and allows the BLM to access these reports/data at their convenience. ACE will ensure compliance with NCL data standards in the collection of all data and reports by working directly with the partners and providing them with the safe and secure collection methods.

**2. Describe how data collection, analysis, and means of interpretation will be accomplished.**

With the WildSnap App's ability to collect quantitative data offline, it provides the user with the ability to utilize its features while in the field. The data collected through this app uses geo-referenced images to catalog routes, trails, boundaries, cultural sites, and any other landscape feature for logging or tagging. ACE will use these methods/systems and work directly with the partners to work within their created/determined data collection standards to create solid empirical scientific data.

The use of this data is imperative in the collection of this field data in a clear and concise manner. This app, operated by interns, will collect quantitative and qualitative data offline, which will be ready for interpretation upon review. Upon collecting necessary reporting data, reports can be finalized in house and uploaded to a safe and secure, encrypted storage cloud.

**3. Describe how the proposed objectives will be achieved within the proposed period of performance (POP)**

ACE will recruit qualified, passionate and hard-working interns who will be the backbone of the data collection in the field and follow the framework established by our partners and ACE. Upon the hiring of these Interns, ACE will work with the designated field office/partners to ensure these Interns are properly trained in WSA data collection, management protocols, and any other necessary trainings provided by both ACE and/or BLM. Interns will use WildSnap to collect field data, develop their reports, and provide thorough analysis upon submission of reports. Interns, and ACE, will serve with the partners to develop a schedule that is best suited for the assigned areas.

**4. Describe significant goals or milestones and how they will be measured.**

Significant goals and milestones will be tracked by ACE and the BLM, as defined upon grant approval. What ACE foresees as achievable goals, through this award opportunity, includes having a complete platform that will be easily accessible, downloadable, and operated by partners/users to support in the mission of the BLM. WildSnap will have a completed, streamlined interface incorporating warehoused data from the BLM for interpretation and GIS analysis.

The app will provide an easy to use platform that allows for flexibly to add data, including new sites and content, as directed by the BLM remotely and/or through application updates. ACE also foresees the potential for delivery on the Apple iOS store, for use by the public, and delivery through the internal BLM iOS App Store, with additional tools only available to BLM staff or approved partners. The app will also ensure reports are tracked and monitored digitally, for ease of tracking, providing PDF reports delivered to BLM Field Offices, as well as a copy to the BLM State Office, with another copy going to the creator/end user with cultural and sensitive information redacted as determined by the BLM.

**5. Describe tasks and relationships of partners, if applicable.**

ACE has the ability and flexibility to work with a wide array of partners across various geographic areas. BLM partners may be asked to contribute feedback about the WildSnap platform, including:

- Field site priorities
- Key Observation Points (KOPs)
- Providing existing georeferenced data
- Providing trainings related to WSA monitoring
- Field testing results
- Reviewing initial data to assure data collected is on par with the NLCS data quality standards, meeting the expected quantity, and provides resource management value.

**6. Describe how the proposed project improves management of the National Conservation Lands unit.**

The development and implementation of the WildSnap app will provide a wide reaching, cost effective collection of quantifiable observations and geo-referenced images and video files. While the WSA App is proprietary to ACE, the data files generated by the app and collected by the users will be owned by the BLM and accessible to the BLM after the project term is completed, at request of the BLM. The collection and creation of these reports, as they will meet standardized protocol as defined in the Management of BLM Wilderness Study Areas, Manual 6330, as ammended, support a defined and consistent methodology, allowing ease of access for WSAs to be surveyed. With this ease of access and use of these technologies, it allows for interns and volunteers, as well as BLM staff, to more efficiently collect data in the field and compile reports, allowing more WSAs to be monitored than by traditional methodologies.

**7. Explain whether the proposed projects are applicable to management beyond the relevant National Conservation Lands unit.**

The WildSnap app has widely applicable technologies that can be used to collect and catalog routes, trails, boundaries, cultural sites, and any other landscape feature for logging and tagging. ACE also has versatile interpretation and analysis capabilities. ACE can provide interpretation internship opportunities, but raw data also stands alone, ready for independent agency interpretation on BLM's own terms. WildSnap has the potential to serve in Citizen Science capabilities to engage the public in education and management practices regarding our public lands. The WildSnap platform was recently monitored to implement Wilderness Inventory Monitoring in the BLM California Desert District and Central California.

WildSnap can also be adapted to monitoring specific sites, including cultural sites and sensitive landscapes on other public lands. ACE's extensive partnership agreements with Department of the Interior agencies, including a freshly awarded National Agreement with the Bureau of Reclamation (#R17AC00046) affords us the opportunity to adapt WildSnap to more uses and implement its utilization on public lands throughout the country.

### **8. Provides foundational knowledge or fills data gaps.**

The WildSnap app is able to combine existing feature and overlay data with newly collected data to compile the most complete image of any landscape. With these technologies, ACE is able to provide support, during and beyond the life of the project, to allow for enhancements, updates, and any needed application adjustments. This ensures the data is adherent to current data quality standards and protocol, and widely implementable for making land use decisions.

### **9. Credible methods and success metrics.**

The WildSnap app is continuing to be developed and has been tested in field offices and WSAs across Utah, including:

- Cedar City Field Office: Spring Creek Canyon, Wah Wah Mountains, White Rock Range
- Price Field Office: Crack Canyon, Mexican Mountain, Sids Mountain, San Rafael Reef
- Salt Lake City Field Office: North Stansbury WSA, Deep Creek WSA
- Moab Field Office: Mill Creek Canyon WSA
- Vernal Field Office: Daniel's Canyon WSA

Also, the platform has already been adapted for Wilderness Inventory work in the California Desert District of BLM, and will later be adapted for use in the Central & North Coast of California within the NCL system.

### **10. Realistic timetable & deliverables:**

Planning, development, testing, and initial trials for WildSnap can all be accomplished in a 12-month timeframe. ACE is able to work closely with BLM Field Office staff to accelerate, or slow down (for the sake of efficiency) the process as our partners see fit.

In regards to deliverables, ACE will provide all applicable materials and files to BLM to continue the WSA work, and aim to partner with BLM to support professional development opportunities to implement the initial application development, accomplishing both support for our youth mission, but also increasing research and monitoring capacity. Along with these, all required annual progress reports, final reports, and manager's summaries will be furnished by the ACE Program Manager and Grants and Agreements Manager to ensure legal compliance.

<b>Milestone / Task / Activity</b>	<b>Start Date</b>	<b>Completion Date</b>
Program planning and data collection (BLM mapping data)	April 2017	May 2017
WildSnap Application Development & Contracting	June 2017	October 2017
Project Evaluation and Continuation	October 2017	March 2017

### **PUBLIC BENEFIT:**

In summary, ACE believes that the complex multiple use mandate that guides BLM's Wilderness and Wilderness Study Area management efforts is an excellent place for developing dynamic technological processes and tools to allow for efficient collection, cataloging, and assessment of monitoring data. In order to achieve the minimum monitoring frequency of once per month during the months that the area is accessible to the public, investing in wide reaching survey technology and a force of volunteers for implementation will afford BLM Field Offices more efficiency in monitoring and reporting.

With the continued development and enhancement of this application, ACE will provide a baseline for engaging the public and connecting them directly with the public lands through citizen science. These efforts support the mission of the "National Conservation Lands to protect a myriad of endangered species, diverse habitats and ecosystems, historic properties, and cultural resources." This application

development also supports in the mission of this RFP as stated, to “help the BLM better understand the National Conservation Lands natural, scientific, and cultural resources, and the benefits they provide the American public by applying scientific understanding to management, education, and outreach.”

## **QUALIFICATIONS, PAST PERFORMANCE, ACTIVE BLM COOPERATIVE AGREEMENT:**

To ensure safe and effective implementation of the full range of field activities represented in this project, ACE’s entire senior management staff, including trainers and coordinators for the southwest crew programs, will be readily available to lend assistance to the team leader and team members. The ACE senior level staff will be heavily involved in the planning, hiring and on-boarding stages of this project. We will work diligently to find the most qualified team leader and members to ensure the project’s success. We will be actively involved in getting the team settled in and brought up to speed on the objectives of this project, main points of contact, reporting requirements, etc. We work diligently and successfully to provide local housing at project site locations, realizing that comfortable living situations engender good attitudes and work ethic. ACE’s senior level staff will then serve as consultants to the project, the team, and the BLM. We will facilitate conversations when necessary, ensure compliance with the Project Management Plan, track expenses, and monitor progress.

### **Staff directly involved with ACE:**

ACE has been fortunate to attract and retain a great number of devoted and talented staffers with many years of experience in trails, hydrology, fisheries, abandoned mine-land reclamation, vegetation management, fencing, and survey/monitoring with a wide range of land management agencies, conservation corps, and non-profit organizations across the country. ACE’s senior staff possesses extensive accumulated experience managing conservation projects as staff for the Coconino Rural Environment, the Nevada Conservation Corps, the National Park Service, the Bureau of Land Management, US Bureau of Reclamation, and the US Forest Service. Below are the profiles of selected ACE personnel who will contribute to this project.

### **Shane Barrow, ACE EPIC Program Director:**

Email: [sbarrow@usaconservation.org](mailto:sbarrow@usaconservation.org)

Phone: (801) 946-5201

Shane has 20 years of management and leadership experience, much of which was either as a public servant and working as a federal partner. His professional path mirrors that of many conservation minded career focused young professionals. After volunteering with the BLM assisting with regional field geology courses, Shane secured his first GS position with BLM as a Realty Technician in the California desert. He later joined the Student Career Experience Program (SCEP) when he returned to graduate school, and was recruited into the agency after working for the CA State BLM office and Mother Load Field office in Recreation, Wilderness, Abandon Mine Lands, NEPA, invasive species management, and Riparian Restoration. His first Permanent position was in the Bakersfield Field Office as a Natural Resource Specialist, working in the Oil & Gas program. While there he acted in the capacity as the National Environmental Policy Act coordinator, the Soil, Water, Air Specialist, and performed recreational management, outreach, and environmental restoration duties throughout California. While there, he transitioned to managing a Central Valley Project (USBR) funded program to restore and manage upland and wetland vegetation in the Tulare Lake basis. While there he started one of the early Hands-on-the-Land programs for the Atwell Island Project in an effort to engage and educate the agricultural farm-worker families who make their living working on the land.

Shane received his Masters of Science from CSU Sacramento in Natural Resource Management, with an emphasis on environmental restoration. After 4 years managing restoration projects on the San Joaquin River in Central California and leading the Catalina Habitat Improvement & Restoration Program in the



Channel Islands, he founded the ACE Emerging Professionals Internship Corps (EPIC) program to build bridges between academia and career in the conservation field.

**Tim England, ACE Director of Technology:**

Email: [tengland@usaconservation.org](mailto:tengland@usaconservation.org)

Phone: (801) 243-0623

Tim grew up in central Iowa where he attended Drake University studying Journalism with an emphasis in Radio and Television Broadcast. After leaving Drake, he moved to Utah and began his career in Information Technology, working as a systems administrator for both small and large companies. In 1999, he moved to California where he worked for Apple, Cisco, and EFI, honing his technology skill set in areas such as interface development, web application development, and large-scale network deployment. In 2003, he decided to move back to Utah and work for one of the leading robotic research and development companies, SARCOS. After SARCOS was acquired by Raytheon in 2007, he continued to develop his technology skill set, working in systems administration, project management, system architecture, and system integration.

**Kelly Barrett, National Program Manager for BLM and USFS:**

Email: [kbarrett@usaconservation.org](mailto:kbarrett@usaconservation.org)

Phone: (385) 272-0472

Kelly will provide the necessary project support for the interns and the BLM. She will be responsible for assuring the program is managed in a professional, timely, and accurate manner, and that our interns receive the proper professional development support that they need to succeed in their careers. Kelly will be responsible for all partnership development, recruitment, and training of the individuals whom will participate on this project. Kelly recently joined ACE in March, with a background in youth development and previous experience serving in AmeriCorps NCCC, where she participated in various conservation projects as a Corps Member and a Team Leader, AmeriCorps VISTA, and serving on a conservation crew in Alaska. Kelly has received multiple awards for her service and commitment to AmeriCorps and National Service including Congressional Award, the President Service Award for completing 2,000 hrs. of service and the President's Lifetime Achievement Award for volunteering over 4,000 hours during his lifetime.

**Annie Meltzer, ACE EPIC Federal Grants and Finance Manager:**

Email: [ameltzer@usaconservation.org](mailto:ameltzer@usaconservation.org)

Phone: (385) 249-0823

Annie will provide the necessary oversight on agency agreements to assure that all reporting, invoicing, and compliance issues are professionally and promptly handled. Annie joined the ACE team in 2016 as the Federal Grants and Finance Manager. She draws upon her grants management experience from National Geographic Society Committee for Research and Exploration and grant writing experience from graduate school at the University of Tennessee. Her international fieldwork experience in environmental geography sparked a passion for conservation of National Parks and public lands.

**Ben Pohl, ACE Technology Support Specialist**

Email: [bpohl@usaconservation.org](mailto:bpohl@usaconservation.org)

Phone: (801) 631-2605

Ben supports our Director of Technology by managing the company website, developing company databases, and assisting with various technology related tasks. Ben is proficient in HTML, CSS, WordPress, FileMaker Pro, and JavaScript. He is currently studying Ruby on Rails in order to assist the development of our online services. The goal is to provide our partners and members online account systems so they can have quick and easy access to ACE's online resources. He loves that he is supporting the advancement of conservation through technology. Before he was working on technology projects, Ben spent time managing corps members on various conservation projects. Some of his projects included: trail

building, fuel reduction, environmental restoration, and light construction work. As he continued through his career he transitioned out of the field and started leveraging his technology skills to members. Ben has received multiple awards for his service and commitment to National Service including the Heart and Soul Award for outstanding contribution to Michigan nonprofits; Excellence of Service Award from the AmeriCorps Pacific Region Leadership team for his leadership and commitment to service; and the President's Lifetime Achievement Award for volunteering over 4,000 hours during his lifetime.

**Chris Baker, President and CEO:**

Email: [cbaker@usaconservation.org](mailto:cbaker@usaconservation.org)

Phone: (928) 699-1068

Chris guides the strategic growth of the organization, is the primary point of contact for new partnerships, reports to the Board of Directors, hires and supervises program directors, and is ultimately responsible for ensuring that ACE continues to serve as a safe, responsive, and productive partner to our nation's land stewards. Chris began his career in conservation as an AmeriCorps member on the inaugural crew of the Coconino Rural Environment Corps (CREC) in 1996. Chris served as Crew Supervisor and Operations Manager with CREC for 6 years, spent one year as the Director of the Nevada Conservation corps, and founded ACE in 2003. Overall Chris has 18 years of experience managing youth activities within the conservation corps and youth development models.

**Current/Past Examples of ACE Projects/Partnerships:**

ACE is widely recognized among the BLM, NPS, and other agency project partners as a vital resource for accomplishing conservation-related projects in a professional and effective manner. ACE strongly feels that the growing and substantial utilization of ACE interns and crews in the BLM, NPS, USFS and within other agencies is a direct result of the quality of work achieved, and the ability of ACE to recruit and train well supervised interns and team members capable of working relatively independently with general agency oversight.

**Below is a partial list of example partnership programs that ACE has been working with BLM:**

- **Assessment, Inventory, and Monitoring Programs**
  - Based out of the Utah State Office (various field offices) and Colorado.
- **Utah Wilderness Study Area Pilot Project Program**
  - Utah State Office
- **Aquatic & Riparian Effectiveness Monitoring Program**
  - Utah State Office
- **Direct Hire Authority**
  - National Recruitment and Retention program located in more than 30 offices throughout all of BLM - <http://www.usaconservation.org/programs/epic-internship/dha-home/>
- **NLCS Wilderness Inventory and Monitoring Team Programs**
  - California State Office, Various CA locations. Team is using a modified version of the WildSnap App to conduct inventories throughout various locations in CA, through 2017.
- **St. George Field Office Range/Recreation Programs**
  - Comprehensive program implementation
- **Utah State Office Natural & Cultural Resource Management Internship Program**  
**California Desert District**
  - West Mojave Management Planning CRM effort
- **Flat-Tailed Horned Lizard Monitoring Program**
  - El Centro Field Office (US Military Partnership)

**List of all active agreements between BLM and ACE:****AZ**

GIDO	L14AC00196	District Youth Internships & PLC Opportunities for Youth
PHDO	L15AC00012	Recreation and Public Lands Restoration and Maintenance
TUFO	L16AC00235	GIDO PLC Border Restoration
TUFO	L16AC00336	Youth Natural Resource Conservation and Monitoring

**CA**

BAFO	L12AC20437	OHV Interpretation
BAFO	L16AC00083	Archaeology Internships
BAKO	L12AC20522	CRM – Archaeological Range Program
BAKO	L16AC00082	Recreation Wilderness Intern Program
CASO	L16AC00086	Wild and Scenic Rivers Interns
CASO	L16AC00174	Wilderness Inventory and Monitoring Youth Corps Team
CDD	L16AC00092	West Mojave Travel Arch Interns (Ridgecrest/Barstow)
CPNM	L15AC00163	Natural/Cultural Resource Program
ECFO	L15AC00013	Flat Tail Horned Lizard Plot Monitoring
ECFO	L15AC00113	CCS – Flat Tail Horned Lizard Plot Monitoring
RIFO	L16AC00085	Restoration Interns

**EASO**

EASO	L14AC00397	Jupiter Inlet Lighthouse ONA – Recreation Youth Opportunities on Public Lands
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**OR/WA**

AREMP	L14AC00027	Aquatic & Riparian Effectiveness Monitoring Program
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CODO	L14AC00331	Intern and Resource Assistant Program
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**NM**

LCFO	L15AC00275	Youth and Intern Opportunities to Work on New Mexico Public Lands
NMSO	L15AC00276	AIM – San Luis Valley Field Office

**UT**

CCFO	L14AC00248	Sensitive Species Recovery, Inventory and Monitoring Youth Project
CLDQ	L13AC00066	Interpretive Paleontologist
MOFO	L12AC20468	Range Technician
PRFO	L15AC00221	Youth Cultural Resources Program (Nine-Mile Canyon)
PRFO	L15AC00226	Threatened and Endangered Species Plant Survey Project
SGFO	L16AC00034	Range and Resource Management Internship
SGFO	L16AC00094	Recreation Resource Management
UTSO	L13AC00095	National History Trails Inventory
UTSO	L12AC20612	Wilderness Study Area Pilot Project
UTSO	L13AC00277	Paleo Database
UTSO	L14AC00365	Recreation Site Design
UTSO	L16AC00103	AIM Statewide Implementation

**ASSURANCES - NON-CONSTRUCTION PROGRAMS**

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0040), Washington, DC 20503.

**PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.**

**NOTE:** Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the awarding agency. Further, certain Federal awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant, I certify that the applicant:

1. Has the legal authority to apply for Federal assistance and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project cost) to ensure proper planning, management and completion of the project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the award; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
4. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
5. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§4728-4763) relating to prescribed standards for merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
6. Will comply with all Federal statutes relating to nondiscrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. §794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. §§290 dd-3 and 290 ee-3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. §§3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and, (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.
7. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal or federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
8. Will comply, as applicable, with provisions of the Hatch Act (5 U.S.C. §§1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.

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9. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§276a to 276a-7), the Copeland Act (40 U.S.C. §276c and 18 U.S.C. §874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§327-333), regarding labor standards for federally-assisted construction subagreements.
10. Will comply, if applicable, with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
11. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§1451 et seq.); (f) conformity of Federal actions to State (Clean Air) Implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. §7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).
12. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
13. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. §470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. §§469a-1 et seq.).
14. Will comply with P.L. 93-348 regarding the protection of human subjects involved in research, development, and related activities supported by this award of assistance.
15. Will comply with the Laboratory Animal Welfare Act of 1966 (P.L. 89-544, as amended, 7 U.S.C. §§2131 et seq.) pertaining to the care, handling, and treatment of warm blooded animals held for research, teaching, or other activities supported by this award of assistance.
16. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.
17. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-133, "Audits of States, Local Governments, and Non-Profit Organizations."
18. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.
19. Will comply with the requirements of Section 106(g) of the Trafficking Victims Protection Act (TVPA) of 2000, as amended (22 U.S.C. 7104) which prohibits grant award recipients or a sub-recipient from (1) Engaging in severe forms of trafficking in persons during the period of time that the award is in effect (2) Procuring a commercial sex act during the period of time that the award is in effect or (3) Using forced labor in the performance of the award or subawards under the award.

<b>SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL</b>	<b>TITLE</b>
Chris Baker	National Internship Manager
<b>APPLICANT ORGANIZATION</b>	<b>DATE SUBMITTED</b>
American Conservation Experience	02/02/2017

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## Budget Narrative File(s)

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**BUDGET INFORMATION - Non-Construction Programs**OMB Number: 4040-0006  
Expiration Date: 01/31/2019**SECTION A - BUDGET SUMMARY**

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. ACE Interns	15.231	\$ 0.00	\$ 0.00	\$ 25,000.00	\$ 8,278.40	\$ 33,278.40
2. 0	0	0.00	0.00	0.00	0.00	0.00
3. 0	0	0.00	0.00	0.00	0.00	0.00
4. 0	0	0.00	0.00	0.00	0.00	0.00
5. Totals		\$	\$	\$ 25,000.00	\$ 8,278.40	\$ 33,278.40

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Prescribed by OMB (Circular A -102) Page 1

Tracking Number: GRANT12328766

Funding Opportunity Number: L17AS00001 Received Date: Feb 02, 2017 06:01:27 PM EST



## SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total (5)
	(1)	(2)	(3)	(4)	
	ACE Interns	0	0	0	
a. Personnel	\$ 11,700.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 11,700.00
b. Fringe Benefits	2,449.00	0.00	0.00	0.00	2,449.00
c. Travel	1,500.00	0.00	0.00	0.00	1,500.00
d. Equipment	0.00	0.00	0.00	0.00	
e. Supplies	2,500.00	0.00	0.00	0.00	2,500.00
f. Contractual	0.00	0.00	0.00	0.00	
g. Construction	0.00	0.00	0.00	0.00	
h. Other	75.00	0.00	0.00	0.00	75.00
i. Total Direct Charges (sum of 6a-6h)	18,224.00	0.00	0.00	0.00	\$ 18,224.00
j. Indirect Charges	6,776.00	0.00	0.00	0.00	\$ 6,776.00
k. TOTALS (sum of 6i and 6j)	\$ 25,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 25,000.00
7. Program Income	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	

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SECTION C - NON-FEDERAL RESOURCES					
(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e) TOTALS	
8. ACE Interns	\$ 8,278.40	\$ 0.00	\$ 0.00	\$ 8,278.40	
9. 0	0.00	0.00	0.00	0.00	
10. 0	0.00	0.00	0.00	0.00	
11. 0	0.00	0.00	0.00	0.00	
12. TOTAL (sum of lines 8-11)	\$ 8,278.40	\$	\$	\$ 8,278.40	

SECTION D - FORECASTED CASH NEEDS					
	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	\$ 25,000.00	\$ 25,000.00	\$ 0.00	\$ 0.00	\$ 0.00
14. Non-Federal	\$	0.00	0.00	0.00	0.00
15. TOTAL (sum of lines 13 and 14)	\$ 25,000.00	\$ 25,000.00	\$ 0.00	\$ 0.00	\$ 0.00

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT					
(a) Grant Program	FUTURE FUNDING PERIODS (YEARS)				
	(b) First	(c) Second	(d) Third	(e) Fourth	
16. ACE Interns	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	
17. 0	0.00	0.00	0.00	0.00	
18. 0	0.00	0.00	0.00	0.00	
19. 0	0.00	0.00	0.00	0.00	
20. TOTAL (sum of lines 16 - 19)	\$	\$	\$	\$	

SECTION F - OTHER BUDGET INFORMATION	
21. Direct Charges: 18224	22. Indirect Charges: 6776
23. Remarks: Interns 1; Weeks 16; Stipend \$425/week (LA \$300/wk, HA \$125/wk); Invoice Rate \$752/wk; Tech Development Director \$70/hr * 70 hrs; Tech Equipment \$2,500; Travel and Training \$1,500	

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## Key Contacts Form

**\* Applicant Organization Name:**

American Conservation Experience

Enter the individual's role on the project (e.g., project manager, fiscal contact).

**\* Contact 1 Project Role:** Federal Grants and Finance Manager

Prefix:

**\* First Name:** Annie

Middle Name:

**\* Last Name:** Meltzer

Suffix:

Title:

Organizational Affiliation:

**\* Street1:** 623 East 2100 South Suite #B1

Street2:

**\* City:** Salt Lake City

County:

**\* State:** UT: Utah

Province:

**\* Country:** USA: UNITED STATES**\* Zip / Postal Code:** 84106**\* Telephone Number:** 385 249 0823

Fax:

**\* Email:** ameltzer@usaconservation.org

## Key Contacts Form

**\* Applicant Organization Name:**

American Conservation Experience

Enter the individual's role on the project (e.g., project manager, fiscal contact).

**\* Contact 2 Project Role:** National Program Manager, BLM

Prefix:

**\* First Name:** Kelly

Middle Name:

**\* Last Name:** Barrett

Suffix:

Title:

Organizational Affiliation:

**\* Street1:** 623 East 2100 South Suite #B1

Street2:

**\* City:** Salt Lake City

County:

**\* State:** UT: Utah

Province:

**\* Country:** USA: UNITED STATES**\* Zip / Postal Code:** 84106**\* Telephone Number:** 385 272 0472

Fax:

**\* Email:** kbarrett@usaconservation.org

## Key Contacts Form

**\* Applicant Organization Name:**

American Conservation Experience

Enter the individual's role on the project (e.g., project manager, fiscal contact).

**\* Contact 3 Project Role:** National Internship Manager

Prefix:

**\* First Name:** Shane

Middle Name:

**\* Last Name:** Barrow

Suffix:

Title:

Organizational Affiliation:

**\* Street1:** 623 East 2100 South Suite #B1

Street2:

**\* City:** Salt Lake City

County:

**\* State:** UT: Utah

Province:

**\* Country:** USA: UNITED STATES**\* Zip / Postal Code:** 84106**\* Telephone Number:** 801 946 2722

Fax:

**\* Email:** sbarrow@usaconservation.org

**BUREAU OF LAND MANAGEMENT**  
Financial Assistance (Cooperative Agreements)



**ATTACHMENT A: PROJECT PROPOSAL (SUGGESTED FORMAT)**

**Instructions:** A Project Proposal must be submitted with the Standard Form (SF) 424 Application for Federal Assistance for all BLM Assistance Agreements. Complete each section below. Use additional sheets as needed. \*\*If this is a continuation of existing BLM cooperative agreement, identify the current BLM agreement number and project title below.

Person Submitting Proposal: Annie Meltzer, Grants and Finance Manager Date: 2/2/2017

Organization Name: American Conservation Experience

\*\*Agreement or Announcement No.: L17AS00001 – Green River District Drone Linear Travel/Transportation Route Inventory & Monitoring Proposal

\*\* Agreement or Announcement BLM FY2017 Bureau-wide National Conservation Lands  
Title: Scientific Studies Support Program

Estimated Period of Performance: April 1, 2017 - March 31, 2022

BLM POC: BLM Utah State Office  
Proposed Project Location: \_\_\_\_\_

This work will occur on: ☒ Public Lands ☐ Both Public & Private Lands

**YOUR MISSION:** (Describe your mission. Describe why this support is being requested.)

American Conservation Experience (ACE) is a national 501 (c) (3) non-profit organization headquartered in Flagstaff, Arizona with regional chapters located in St. George, UT; Salt Lake City, UT; Santa Cruz, CA; South Lake Tahoe, CA; and Asheville, NC. ACE engages American & international youth by creating partnerships that promote conservation, protect natural & cultural resources, and uses innovative approaches in an effort to accomplish the shared mission with the Department of Interior.

The ACE Emerging Professional Internship Corps (EPIC) program provides individual placement opportunities where our participating members receive on-the-job skills training, professional development opportunities, hands on resource management experience, exposure to potential future careers through mentored interaction with land management professionals, and access to the many benefits of working with a 21st Century Service Corps program.

ACE EPIC program interns are expected to lead the way into the future of managing natural and cultural resources, but they are typically not offered the opportunity to work with the tools of the future. Tools that will allow for resource monitoring data collection, storage, interpretation, sharing and evaluation without duplicating work, transferring notes from paper, to database, having to georeferenced each photo individually, etc.

Data collection for monitoring and research is a time intensive activity, and post processing of the data collection often forces agencies to limit the amount of data collected based on the challenge of inputting the data, organizing it, etc. We are proposing to create collection processes that allow for field data,

photos, etc. to be collected, georeferenced, undergo rigorous review and quality control and assurance processes that allow continuity from year to year, point to point, linear feature to linear feature.

ACE is proposing to enhance our development of field research and monitoring tools that will afford our interns, as well as current and future agency staff, integrity and accessibility to all data collected. The methods for data collection and storage will be enhanced so that agency staff can reevaluate the data that they are interested in collecting because data collection time, and therefore cost, will be decreased.

## **OBJECTIVE:**

ACE's objective for this project is to continue to develop the tools to collect valuable data to monitor Utah public lands, including for the Green River District. With the use of drones, the ACE technology team will support in the collection of data related to Travel/Transportation Route Inventory and Monitoring, collecting data photos points along various assigned roads, including primitive roads and trails (determined by BLM Travel Management Planning Guidance). The uniqueness of this project is that BLM staff, ACE interns, and even citizen scientists can all gather the necessary data to fulfill BLM monitoring requirements. The distinguishing factor of working with ACE is that the data is completely owned by the BLM, while still being able to be collected outside. The data is collected in the field, and then uploaded and analyzed using Cloud technology that BLM can easily import and access in any form the BLM needs. This data is stored safely and securely, and remains the property of the BLM.

The information that is gathered through these technologies include geospatial data on existing roads, primitive roads, and trails managed for all uses. These technologies will also support in collecting data for maps, data relating to authorized uses, and the characteristics of each road, primitive road, and trail. ACE will support the BLM by following the standardized plans in the Comprehensive Travel and Transportation Management Inventory Guide. With the BLM's established national data standards, the use of ACE's technologies can support in the collection of field data to assist the BLM in expanding their inventory collection capacity.

The use of drones can support Class III stage of the cultural resource management plans, by subsidizing or enhancing the pedestrian survey of the targeted area. These methods are less invasive than traditional surveys and can be done with limited access. In adherence to the FAA small unmanned aircraft rules, ACE's Drone program will comply with operational limitations, remote pilot certifications and responsibilities, and aircraft requirements.

## **RESEARCH THEME AND TECHNICAL APPROACH:**

Please identify which themes apply to your projects:

- ✓ *Research Identified in Unit Science Plans (for National Monuments, National Conservation Areas, and Similar Designations)*
- ✓ *Standardized Inventory and Monitoring*
- ✓ *Citizen Science*
- ✓ *Other Management-Driven Research*

1. **Describe the techniques, processes, methodologies to be used.**

The ACE Technology team is developing an aerial photo- monitoring solution that will collect data photo points along all roads, primitive roads, and trails, as determined by the TR9330-1, BLM's Travel Management Planning Guidance. ACE is proposing to utilize the existing enterprise GIS route data to define the survey and monitoring routes that are easily replicated from year to year. ACE will work with BLM to establish the SOPs that will allow for ACE to collect the desired outcomes, which will include, but not be limited to, periodic photos along existing routes, photos of intersections, barriers, trespass sites, social trailing sites, and points where access to highly sensitive environmental and/or cultural sites may be located.

Analysis of this data will allow BLM to see trends in use change based on disturbance levels, widening, narrowing or deepening of routes, and show early signs of social trailing or illegal route creation.

It has been discussed whether it would be better to utilize photos or video, and was determined that photos are more replicable, and could therefore more easily provide trend data, as desired by BLM, than video. However, if BLM does desire to do a full video assessment of a stretch of a certain route, the drone application would be capable of providing this data.

## **2. Describe how data collection, analysis, and means of interpretation will be accomplished.**

The use of drones which collect georeferenced photos at predictive intervals and set patterns will be easily replicable from year to year. The data collected will be centralized automatically into a database via Cloud technology and will be accessible by BLM planning staff from their office computers, or in the field on the tablets that will be used to operate the drones.

The drones will be able to capture as many photos as desired along each surveyed route at an elevation and frequency determined by BLM to be appropriate for assessment of route conditions. It is estimated that a team of two interns, BLM staff, volunteers, or a combination of those could provide detailed aerial photography for up to 10-15 miles per day.

Drones could also be set to shadow staff or volunteers at a selected elevation and take photos at desired intervals or individually selected sites (or video for documenting potential trespass, vandalism, or ongoing illegal use).

Post processing of photos will require BLM and ACE to work together to determine the desired spatial analysis protocols to program the software to recognize and document changes in the landscape. Natural variability that will be allowed in the analysis can be set dependent on habitat type and soil structure/stability. Other variables can be determined to allow for the information to be most useful.

## **3. Describe how the proposed objectives will be achieved within the proposed period of performance (POP).**

After funding is made available, ACE will require three months to work with Green River District staff to define the perimeters of the inventory and monitoring desired. During this time we would compile necessary georeferenced imagery to allow for offline navigation and mapping, and development of the application platform and acquire equipment. It would be optimal for the development phase to begin in the fall, allowing for the development phase to occur over the winter, testing phase in the spring, and field trials and survey phase to occur in the late spring through fall.



Months 3-6 will be spent conducting required tests, obtaining necessary staff licenses (if required), and participating in trainings to ensure staff are fully equipped with the knowledge and skill set to develop well-functioning technologies.

Months 6-12 will be spent collecting imagery and data throughout the District on the routes deemed most significant by BLM. It is important that BLM determine what time of year specific regional routes would be surveyed as recurring surveys at similar times of year, under similar seasonal conditions, maintaining consistency and accuracy in vegetative cover data. It is expected that during the initial development phase and trial time that we will be able to accomplish 5 days of data collection, which would equate to 80-100 miles of linear routes inventoried.

**4. Describe significant goals or milestones and how they will be measured.**

Creation of the application and drone operation program is the primary objective of this project. Timely delivery of a functional drone operation program is vital to ensuring our next objectives, which are proof of operation, the collection of a defined system of routes in the Green River District for review, correction, or changes to the system preferences. Success would be measured by miles of routes photographed, number of photo points taken, and resource issues found, highlighted, or monitored.

**5. Describe tasks and relationships of partners, if applicable.**

District staff would be asked to define the data collection parameters. Important collection parameters would not be limited to:

- Photo quality
- Photo frequency
- Survey timing
- Providing existing georeferenced route data
- Potentially participating as part of 2-person survey team
- Possibly providing transportation for survey team
- Reviewing initial data to assure data collected is on par with the NLCS data quality standards, meeting the expected quantity, and provides resource management value.

**6. Describe how the proposed project improves management of the National Conservation Lands unit.**

Route Designation and management is critical to providing access, while protecting resources from unpermitted and uncontrolled degradation. Providing resource managers a dynamic and efficient photo monitoring program will allow our resource managers and partners to collect more data, more frequently, and evaluate disturbance trends more rapidly, all while maintaining a permanent and easily interpreted record of monitoring activity. This will allow for more effective management decisions, and early response to stabilization or emergency closure situations to protect resources, particularly cultural resources that are highlighted within the Green River District.

**7. Explain whether the proposed projects applicable to management beyond the relevant National Conservation Lands unit.**

As with our WSA Monitoring Application WildSnap, this application could be used for all travel and transportation routes on public lands. It can also be adapted to monitoring specific sites, such as cultural

sites, over time. The data collected is stored immediately into a central database, and an ongoing update and increase in reporting capabilities will be possible, without issue.

#### **8. Provides foundational knowledge or fills data gaps.**

Having a detailed geodatabase of all routes, both legal and illegal, is the first major step to filling data gaps. Being able to assess short and long term disturbance trends will provide route trend data at a level of detail and frequency not feasible via traditional monitoring methodologies. This will allow for more effective management decisions, and early response to stabilization or emergency closure situations to protect resources, particularly cultural resources that are highlighted within the Green River District.

#### **9. Credible methods and success metrics.**

Aerial survey is becoming common in resource management. From monitoring vegetation data and habitat for Sage Grouse, to doing population and use data counts for wildlife and recreation use, the ability to take aerial survey data for analysis is just now being realized.

The use of drones which collect georeferenced photos at predictive intervals and set patterns will be easily replicable from year to year. The data collected will be centralized automatically into a database via Cloud technology and will be accessible by BLM planning staff from their office computers, or in the field on the tablets that will be used to operate the drones.

The drones will be able to capture as many photos as desired along each surveyed route at an elevation and frequency determined by BLM to be appropriate for assessment of route conditions. It is estimated that a team of two interns, BLM staff, volunteers, or a combination of those could provide detailed aerial photography for up to 10-15 miles per day.

Analysis of this data will allow BLM to see trends in use change based on disturbance levels, widening, narrowing or deepening of routes, and show early signs of social trailing or illegal route creation.

Success would be measured by miles of routes photographed, number of photo points taken, and resource issues found, highlighted, or monitored.

#### **10. Realistic timetable & deliverables:**

Planning, development, testing, and initial trials can all be accomplished in a 12-month timeframe. ACE is able to work closely with the District staff and BLM to accelerate, or slow down (for the sake of efficiency) the process as our partners see fit.

In regards to deliverables, ACE will provide all drone survey materials to BLM to continue the survey work, and aim to work with BLM to support professional development opportunities to implement the aerial survey work, accomplishing both support for our youth mission, but also increasing research and monitoring capacity. Along with these, all required annual progress reports, final reports, and manager's summaries will be furnished by the ACE Program Manager and Grants and Agreements Manager.

<b>Milestone / Task / Activity</b>	<b>Start Date</b>	<b>Completion Date</b>
Internship Recruitment	April 2017	May 2017
Green River District Route Inventory and Monitoring Internship	June 2017	October 2017

Project Evaluation and Continuation	October 2017	December 2017
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**PUBLIC BENEFIT:**

In summary, ACE believes that the complex multiple use mandate that guides BLM's Wilderness and Wilderness Study Area management efforts is an excellent place for developing dynamic technological processes and tools to allow for efficient collection, cataloging, and assessment of monitoring data. In order to achieve the minimum monitoring frequency of once per month during the months that the area is accessible to the public, investing in wide reaching survey technology and a force of volunteers for implementation will afford BLM Field Offices more efficiency in monitoring and reporting.

**QUALIFICATIONS, PAST PERFORMANCE, ACTIVE BLM COOPERATIVE AGREEMENT:**

To ensure safe and effective implementation of the full range of field activities represented in this project, ACE's entire senior management staff, including trainers and coordinators for the southwest crew programs, will be readily available to lend assistance to the team leader and team members. The ACE senior level staff will be heavily involved in the planning, hiring and on-boarding stages of this project. We will work diligently to find the most qualified team leader and members to ensure the project's success. We will be actively involved in getting the team settled in and brought up to speed on the objectives of this project, main points of contact, reporting requirements, etc. We work diligently and successfully to provide local housing at project site locations, realizing that comfortable living situations engender good attitudes and work ethic. ACE's senior level staff will then serve as consultants to the project, the team, and the BLM. We will facilitate conversations when necessary, ensure compliance with the Project Management Plan, track expenses, and monitor progress.

**Staff directly involved with ACE:**

ACE has been fortunate to attract and retain a great number of devoted and talented staffers with many years of experience in trails, hydrology, fisheries, abandoned mine-land reclamation, vegetation management, fencing, and survey/monitoring with a wide range of land management agencies, conservation corps, and non-profit organizations across the country. ACE's senior staff possesses extensive accumulated experience managing conservation projects as staff for the Coconino Rural Environment, the Nevada Conservation Corps, the National Park Service, the Bureau of Land Management, US Bureau of Reclamation, and the US Forest Service. Below are the profiles of selected ACE personnel who will contribute to this project.

**Shane Barrow, ACE EPIC Program Director:**

Email: [sbarrow@usaconservation.org](mailto:sbarrow@usaconservation.org)

Phone: (801) 946-5201

Shane has 20 years of management and leadership experience, much of which was either as a public servant and working as a federal partner. His professional path mirrors that of many conservation minded career focused young professionals. After volunteering with the BLM assisting with regional field geology courses, Shane secured his first GS position with BLM as a Realty Technician in the California desert. He later joined the Student Career Experience Program (SCEP) when he returned to graduate school, and was recruited into the agency after working for the CA State BLM office and Mother Load Field office in Recreation, Wilderness, Abandon Mine Lands, NEPA, invasive species management, and Riparian Restoration. His first Permanent position was in the Bakersfield Field Office as a Natural Resource Specialist, working in the Oil & Gas program. While there he acted in the capacity as the National Environmental Policy Act coordinator, the Soil, Water, Air Specialist, and performed recreational management, outreach, and environmental restoration duties throughout California. While there, he transitioned to managing a Central Valley Project (USBR) funded program to restore and manage upland and wetland vegetation in the Tulare Lake basis. While there he started one of the early

Hands-on-the-Land programs for the Atwell Island Project in an effort to engage and educate the agricultural farm-worker families who make their living working on the land.

Shane received his Masters of Science from CSU Sacramento in Natural Resource Management, with an emphasis on environmental restoration. After 4 years managing restoration projects on the San Joaquin River in Central California and leading the Catalina Habitat Improvement & Restoration Program in the Channel Islands, he founded the ACE Emerging Professionals Internship Corps (EPIC) program to build bridges between academia and career in the conservation field.

**Tim England, ACE Director of Technology:**

Email: [tengland@usaconservation.org](mailto:tengland@usaconservation.org)

Phone: (801) 243-0623

Tim grew up in central Iowa where he attended Drake University studying Journalism with an emphasis in Radio and Television Broadcast. After leaving Drake, he moved to Utah and began his career in Information Technology, working as a systems administrator for both small and large companies. In 1999, he moved to California where he worked for Apple, Cisco, and EFI, honing his technology skill set in areas such as interface development, web application development, and large-scale network deployment. In 2003, he decided to move back to Utah and work for one of the leading robotic research and development companies, SARCOS. After SARCOS was acquired by Raytheon in 2007, he continued to develop his technology skill set, working in systems administration, project management, system architecture, and system integration.

**Kelly Barrett, National Program Manager for BLM and USFS:**

Email: [kbarrett@usaconservation.org](mailto:kbarrett@usaconservation.org)

Phone: (385) 272-0472

Kelly will provide the necessary project support for the interns and the BLM. She will be responsible for assuring the program is managed in a professional, timely, and accurate manner, and that our interns receive the proper professional development support that they need to succeed in their careers. Kelly will be responsible for all partnership development, recruitment, and training of the individuals whom will participate on this project. Kelly recently joined ACE in March, with a background in youth development and previous experience serving in AmeriCorps NCCC, where she participated in various conservation projects as a Corps Member and a Team Leader, AmeriCorps VISTA, and serving on a conservation crew in Alaska. Kelly has received multiple awards for her service and commitment to AmeriCorps and National Service including Congressional Award, the President Service Award for completing 2,000 hrs. of service and the President's Lifetime Achievement Award for volunteering over 4,000 hours during his lifetime.

**Annie Meltzer, ACE EPIC Federal Grants and Finance Manager:**

Email: [ameltzer@usaconservation.org](mailto:ameltzer@usaconservation.org)

Phone: (385) 249-0823

Annie will provide the necessary oversight on agency agreements to assure that all reporting, invoicing, and compliance issues are professionally and promptly handled. Annie joined the ACE team in 2016 as the Federal Grants and Finance Manager. She draws upon her grants management experience from National Geographic Society Committee for Research and Exploration and grant writing experience from graduate school at the University of Tennessee. Her international fieldwork experience in environmental geography sparked a passion for conservation of National Parks and public lands.

**Ben Pohl, ACE Technology Support Specialist**

Email: [bpohl@usaconservation.org](mailto:bpohl@usaconservation.org)

Phone: (801) 631-2605

Ben supports our Director of Technology by managing the company website, developing company databases, and assisting with various technology related tasks. Ben is proficient in HTML, CSS, WordPress, FileMaker Pro, and JavaScript. He is currently studying Ruby on Rails in order to assist the development of our online services. The goal is to provide our partners and members online account systems so they can have quick and easy access to ACE's online resources. He loves that he is supporting the advancement of conservation through technology. Before he was working on technology projects, Ben spent time managing corps members on various conservation projects. Some of his projects included: trail building, fuel reduction, environmental restoration, and light construction work. As he continued through his career he transitioned out of the field and started leveraging his technology skills to members. Ben has received multiple awards for his service and commitment to National Service including the Heart and Soul Award for outstanding contribution to Michigan nonprofits; Excellence of Service Award from the AmeriCorps Pacific Region Leadership team for his leadership and commitment to service; and the President's Lifetime Achievement Award for volunteering over 4,000 hours during his lifetime.

**Chris Baker, President and CEO:**

Email: [cbaker@usaconservation.org](mailto:cbaker@usaconservation.org)

Phone: (928) 699-1068

Chris guides the strategic growth of the organization, is the primary point of contact for new partnerships, reports to the Board of Directors, hires and supervises program directors, and is ultimately responsible for ensuring that ACE continues to serve as a safe, responsive, and productive partner to our nation's land stewards. Chris began his career in conservation as an AmeriCorps member on the inaugural crew of the Coconino Rural Environment Corps (CREC) in 1996. Chris served as Crew Supervisor and Operations Manager with CREC for 6 years, spent one year as the Director of the Nevada Conservation corps, and founded ACE in 2003. Overall Chris has 18 years of experience managing youth activities within the conservation corps and youth development models.

**Current/Past Examples of ACE Projects/Partnerships:**

ACE is widely recognized among the BLM, NPS, and other agency project partners as a vital resource for accomplishing conservation-related projects in a professional and effective manner. ACE strongly feels that the growing and substantial utilization of ACE interns and crews in the BLM, NPS, USFS and within other agencies is a direct result of the quality of work achieved, and the ability of ACE to recruit and train well supervised interns and team members capable of working relatively independently with general agency oversight.

**Below is a partial list of example partnership programs that ACE has been working with BLM:**

- **Assessment, Inventory, and Monitoring Programs**
  - Based out of the Utah State Office (various field offices) and Colorado.
- **Utah Wilderness Study Area Pilot Project Program**
  - Utah State Office
- **Aquatic & Riparian Effectiveness Monitoring Program**
  - Utah State Office
- **Direct Hire Authority**
  - National Recruitment and Retention program located in more than 30 offices throughout all of BLM - <http://www.usaconservation.org/programs/epic-internship/dha-home/>
- **NLCS Wilderness Inventory and Monitoring Team Programs**
  - California State Office, Various CA locations. Team is using a modified version of the WildSnap App to conduct inventories throughout various locations in CA, through 2017.
- **St. George Field Office Range/Recreation Programs**
  - Comprehensive program implementation

- **Utah State Office Natural & Cultural Resource Management Internship Program California Desert District**
  - West Mojave Management Planning CRM effort
- **Flat-Tailed Horned Lizard Monitoring Program**
  - El Centro Field Office (US Military Partnership)

**List of all active agreements between BLM and ACE:**

**AZ**

GIDO	L14AC00196	District Youth Internships & PLC Opportunities for Youth
PHDO	L15AC00012	Recreation and Public Lands Restoration and Maintenance
TUFO	L16AC00235	GIDO PLC Border Restoration
TUFO	L16AC00336	Youth Natural Resource Conservation and Monitoring

**CA**

BAFO	L12AC20437	OHV Interpretation
BAFO	L16AC00083	Archaeology Internships
BAKO	L12AC20522	CRM – Archaeological Range Program
BAKO	L16AC00082	Recreation Wilderness Intern Program
CASO	L16AC00086	Wild and Scenic Rivers Interns
CASO	L16AC00174	Wilderness Inventory and Monitoring Youth Corps Team
CDD	L16AC00092	West Mojave Travel Arch Interns (Ridgecrest/Barstow)
CPNM	L15AC00163	Natural/Cultural Resource Program
ECFO	L15AC00013	Flat Tail Horned Lizard Plot Monitoring
ECFO	L15AC00113	CCS – Flat Tail Horned Lizard Plot Monitoring
RIFO	L16AC00085	Restoration Interns

**EASO**

EASO	L14AC00397	Jupiter Inlet Lighthouse ONA – Recreation Youth Opportunities on Public Lands
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**OR/WA**

AREMP	L14AC00027	Aquatic & Riparian Effectiveness Monitoring Program
CODO	L14AC00331	Intern and Resource Assistant Program

**NM**

LCFO	L15AC00275	Youth and Intern Opportunities to Work on New Mexico Public Lands
NMSO	L15AC00276	AIM – San Luis Valley Field Office

**UT**

CCFO	L14AC00248	Sensitive Species Recovery, Inventory and Monitoring Youth Project
CLDQ	L13AC00066	Interpretive Paleontologist
MOFO	L12AC20468	Range Technician
PRFO	L15AC00221	Youth Cultural Resources Program (Nine-Mile Canyon)
PRFO	L15AC00226	Threatened and Endangered Species Plant Survey Project
SGFO	L16AC00034	Range and Resource Management Internship
SGFO	L16AC00094	Recreation Resource Management
UTSO	L13AC00095	National History Trails Inventory
UTSO	L12AC20612	Wilderness Study Area Pilot Project
UTSO	L13AC00277	Paleo Database
UTSO	L14AC00365	Recreation Site Design
UTSO	L16AC00103	AIM Statewide Implementation

**ASSURANCES - NON-CONSTRUCTION PROGRAMS**

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0040), Washington, DC 20503.

**PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.**

**NOTE:** Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the awarding agency. Further, certain Federal awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant, I certify that the applicant:

1. Has the legal authority to apply for Federal assistance and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project cost) to ensure proper planning, management and completion of the project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the award; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
4. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
5. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§4728-4763) relating to prescribed standards for merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
6. Will comply with all Federal statutes relating to nondiscrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. §794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. §§290 dd-3 and 290 ee-3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. §§3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and, (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.
7. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal or federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
8. Will comply, as applicable, with provisions of the Hatch Act (5 U.S.C. §§1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.

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9. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§276a to 276a-7), the Copeland Act (40 U.S.C. §276c and 18 U.S.C. §874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§327-333), regarding labor standards for federally-assisted construction subagreements.
10. Will comply, if applicable, with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
11. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§1451 et seq.); (f) conformity of Federal actions to State (Clean Air) Implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. §7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).
12. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
13. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. §470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. §§469a-1 et seq.).
14. Will comply with P.L. 93-348 regarding the protection of human subjects involved in research, development, and related activities supported by this award of assistance.
15. Will comply with the Laboratory Animal Welfare Act of 1966 (P.L. 89-544, as amended, 7 U.S.C. §§2131 et seq.) pertaining to the care, handling, and treatment of warm blooded animals held for research, teaching, or other activities supported by this award of assistance.
16. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.
17. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-133, "Audits of States, Local Governments, and Non-Profit Organizations."
18. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.
19. Will comply with the requirements of Section 106(g) of the Trafficking Victims Protection Act (TVPA) of 2000, as amended (22 U.S.C. 7104) which prohibits grant award recipients or a sub-recipient from (1) Engaging in severe forms of trafficking in persons during the period of time that the award is in effect (2) Procuring a commercial sex act during the period of time that the award is in effect or (3) Using forced labor in the performance of the award or subawards under the award.

<b>SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL</b>	<b>TITLE</b>
Chris Baker	National Internship Director
<b>APPLICANT ORGANIZATION</b>	<b>DATE SUBMITTED</b>
American Conservation Experience	02/02/2017

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**BUREAU OF LAND MANAGEMENT**  
Financial Assistance (Cooperative Agreements)



**ATTACHMENT A: PROJECT PROPOSAL (SUGGESTED FORMAT)**

**Instructions:** A Project Proposal must be submitted with the Standard Form (SF) 424 Application for Federal Assistance for all BLM Assistance Agreements. Complete each section below. Use additional sheets as needed. \*\*If this is a continuation of existing BLM cooperative agreement, identify the current BLM agreement number and project title below.

Person Submitting Proposal: Annie Meltzer, Grants and Finance Manager Date: 2/2/2017

Organization Name: American Conservation Experience

\*\*Agreement or Announcement No.: L17AS00001 – WSA Monitoring WildSnap Intern Support

\*\* Agreement or Announcement BLM FY2017 Bureau-wide National Conservation Lands  
Title: Scientific Studies Support Program

Estimated Period of Performance: April 1, 2017 - March 31, 2022

BLM POC: BLM Utah State Office  
Proposed Project Location: \_\_\_\_\_

This work will occur on: ☒ Public Lands ☐ Both Public & Private Lands

**YOUR MISSION:** (Describe your mission. Describe why this support is being requested.)

American Conservation Experience (ACE) is a national 501 (c) (3) non-profit organization headquartered in Flagstaff, Arizona with regional chapters located in St. George, UT; Salt Lake City, UT; Santa Cruz, CA; South Lake Tahoe, CA; and Asheville, NC. ACE engages American & international youth by creating partnerships that promote conservation, protect natural & cultural resources, and uses innovative approaches in an effort to accomplish the shared mission with the Department of Interior.

The ACE Emerging Professional Internship Corps (EPIC) program provides individual placement opportunities where our participating members receive on-the-job skills training, professional development opportunities, hands on resource management experience, exposure to potential future careers through mentored interaction with land management professionals, and access to the many benefits of working with a 21st Century Service Corps program.

ACE EPIC program interns are expected to lead the way into the future of managing natural and cultural resources, but they are typically not offered the opportunity to work with the tools of the future. Tools that will allow for resource monitoring data collection, storage, interpretation, sharing and evaluation without duplicating work, transferring notes from paper, to database, having to georeferenced each photo individually, etc.

Data collection for monitoring and research is a time intensive activity, and post processing of the data collection often forces agencies to limit the amount of data collected based on the challenge of inputting the data, organizing it, etc. We are proposing to create collection processes that allow for field data, photos, etc. to be collected, georeferenced, undergo rigorous review and quality control and assurance processes that allow continuity from year to year, point to point, linear feature to linear feature.

ACE is proposing to enhance our development of field research and monitoring tools that will afford our interns, as well as current and future agency staff, integrity and accessibility to all data collected. The methods for data collection and storage will be enhanced so that agency staff can reevaluate the data that they are interested in collecting because data collection time, and therefore cost, will be decreased.

## **OBJECTIVE:**

ACE's objective for this project is to recruit qualified and passionate interns to continue supporting in the development the WildSnap app to develop valuable data to monitor Utah WSAs to fulfill the BLM Manual 6330 Management of BLM Wilderness Study Areas requirements and/or any future guidance or changes to directives that BLM requires. The priority role of the interns will be to continue supporting in content development through site guide creation, as well as some preliminary implementation at selected Utah WSAs, as to be selected by the BLM partners.

The uniqueness of this project is that BLM staff, ACE interns, and even citizen scientists, can all gather the necessary data to fulfill BLM monitoring requirements. The distinguishing factor of partnering with ACE is that the WildSnap data is completely owned by the BLM, while still being able to be collected outside. The data is collected offline in the field, and then uploaded using Cloud technology that BLM can easily import and access in any form the BLM needs. This data is stored safely and securely, and remains the property of the BLM.

BLM's objective is that all WSAs will be monitored to ensure continued sustainability for designation as wilderness and to protect the wilderness characteristics of a WSA from impairment. In essence, monitoring is the first step in identifying potential adverse impacts to such characteristics and whether or not the areas are being managed so as not to impair the suitability of the WSA for preservation as wilderness.

All WSAs are required to be monitored to ensure continued suitability for designation as wilderness with a frequency that will establish compliance with the non-impairment standard. In order to achieve the minimum monitoring frequency of once per month during the months that the area is accessible to the public, BLM Field Offices should invest in wide reaching survey technology and a force of volunteers for implementation.

In conjunction with this monitoring, BLM Field Offices must maintain permanent records of each WSA including photo documentation of routes, range developments, mining sites, and boundaries that may impact the naturalness of the WSA. These records must also include information on each monitoring visit, including geospatial data. Having access to WildSnap ensures that thorough records are kept regarding all monitoring visits, compiling the information into easy to reference site-specific monitoring guides. These monitoring guides will be maintained as the property of the BLM.

Most WildSnap users will be monitoring to detect potential violations of WSA policy and identify any unauthorized uses in WSAs and their associated impacts. Each WSA within the WildSnap app has a corresponding site-specific monitoring guide that includes a map of the boundaries of the WSA, as well as detailed information regarding setting and terrain, access routes, water availability, services, communication, and vital WSA monitoring material and standards. The BLM has identified several key observation points (KOPs) for each WSA as suggested locations to visit and collect panoramic photos. KOPs may include: trailheads, overlooks, trail intersections, canyon entrances, gates, campsites, water sources, and other landscape features.

Monitoring information and photographs assist in recording the location and extent of impacts so that the area can be restored or reclaimed. Information collected by WildSnap users may also assist in identifying resource conditions or features that could constitute supplemental values. Even when no disturbances are encountered, submitting a record of a monitoring visit where no unauthorized conditions exist is still valuable in assessing the condition of an area over time.

## **RESEARCH THEME AND TECHNICAL APPROACH:**

Please identify which themes apply to your projects:

- ✓ ***Research Identified in Unit Science Plans (for National Monuments, National Conservation Areas, and Similar Designations)***
- ✓ ***Standardized Inventory and Monitoring***
- ✓ ***Citizen Science***
- ✓ ***Other Management-Driven Research***

### **1. Describe the techniques, processes, methodologies to be used.**

ACE has partnered with the BLM, in the development of a WSA App, WildSnap, a landscape monitoring app for iOS which allows users to collect data in an offline environment. Data generated by the WildSnap user is synced to the encrypted Cloud servers managed by ACE following BLM data standards. This includes procedures issued and outlined by the WSA Management Manual, while also collecting geo-referenced photos and ease of data transfer. These data points meet WSA monitoring standards in BLM Manual 6330 and dovetails with BLM Training Modules. ACE interns will support in the continued development and creation of content, site guides, and data management to ensure the application has up to date information to allow for ease of use by partners/volunteers, as well as some preliminary implementation at selected Utah WSAs, as to be selected by the BLM partners.

ACE works within open data standards, which allow the BLM ease of data acquisition and allows the BLM to access these reports/data at their convenience. ACE will ensure compliance with NLCS data standards in the collection of all data and reports by working directly with the partners and providing them with the safe and secure collection methods.

### **2. Describe how data collection, analysis, and means of interpretation will be accomplished.**

With the WildSnap App's ability to collect quantitative data offline, it provides the user with the ability to utilize its features while in the field. The data collected through this app uses geo-referenced images to catalog routes, trails, boundaries, cultural sites, and any other landscape feature for logging or tagging. ACE interns will use these methods and systems and serve directly with the partners to support data collection standards to create solid empirical scientific data. To support in this collection of data, the use of the WildSnap App and ACE interns will provide the partners the ability to collect more data and cover more land that previously allowed at a previously unseen level of efficiency.

The utilization of the WildSnap platform will be invaluable for the increased efficiency for collection of monitoring data in a streamlined, and complete format. Through the support of intern development on this app, operation by the future app users will ensure quantitative and qualitative data collection which will be ready for interpretation upon review. Interns will serve directly with assigned BLM staff members to develop site guides to ensure they meet the standardized protocols issued by the BLM.

**3. Describe how the proposed objectives will be achieved within the proposed period of performance (POP)**

ACE will recruit qualified, passionate and hardworking interns who will be the backbone of the data collection in the field and follow the framework established by our partners and ACE. Upon the hiring of these Interns, ACE will work with the designated field office/partners to ensure these Interns are properly trained in WSA data collection, management protocols, and any other necessary trainings provided by both ACE and/or BLM. Interns will use WildSnap to collect field data, develop their reports, and provide thorough analysis upon submission of reports. Interns, and ACE, will work with the partners to develop a schedule that is best suited for the assigned areas.

**4. Describe significant goals or milestones and how they will be measured.**

Significant goals and milestones will be tracked by ACE and the BLM, as defined upon grant approval. What ACE foresees as achievable goals, through this award opportunity, includes continued content development and application enhancements of the WildSnap platform. BLM partners may determine additional goals upon the development of the Position Description for each intern, which are determined by length of internship and total WSAs involved. Success of internship will be determined by number and quality of site guides created, application enhancements made, and number and quality of preliminary implementation field tests.

It is a goal to create WSA monitoring support systems that can be implemented not only statewide, but have the potential to be adapted and used throughout the United States, through various field offices. Using similar ideology to the Assessment, Inventory, and Monitoring (AIM) Strategy, ACE hopes to support in the improvement of efficiency and effectiveness of monitoring/surveying and provide ease of access and collection for all parties involved.

**5. Describe tasks and relationships of partners, if applicable.**

ACE has the ability and flexibility to work with a wide array of partners across various geographic areas. ACE is a national internship program leader, and continues to work throughout the United States to provide our partners with passionate, educated, and motivated individuals, into opportunities for career defining professional development. BLM partners may be asked to contribute feedback about the WildSnap platform, including:

- Field site priorities
- Key Observation Points (KOPs)
- Providing existing georeferenced data
- Providing trainings related to WSA monitoring
- Potentially support interns in field data collection
- Possibly providing transportation for survey team
- Field testing results

**6. Describe how the proposed project improves management of the National Conservation Lands unit.**

The use and purpose of the WildSnap app will provide a wide reaching, cost effective collection of quantifiable observations and geo-referenced images/video files. While the WSA App is proprietary of ACE, the data files generated by the app and field data collected by the users, will be owned by the BLM and accessible after the project term is completed, at request of the BLM. The collection and creation of these reports, as they will meet standardized protocol as defined in the Management of BLM Wilderness Study Areas, Manual 6330, support a defined and consistent method, allowing ease of access for WSAs to be surveyed.

**7. Explain whether the proposed projects applicable to management beyond the relevant National Conservation Lands unit.**

The WildSnap app has widely applicable technologies that can be used to collect and catalog routes, trails, boundaries, cultural sites, and any other landscape feature for logging and tagging. ACE's implementation internship opportunities will provide a rewarding opportunity to enhance interns' specific skill set, and gain exposure to a broader cross section of disciplines. Wilderness management brings together every aspect of natural resource management, policy, and sociology; fostering technology development in this setting brings in a cohort of talented young professionals who may not have previously considered land management as a career path.

WildSnap has the potential to serve in Citizen Science capabilities to engage the public in education and management practices regarding our public lands. WildSnap can also be adapted to monitoring specific sites, including cultural sites and sensitive landscapes on other public lands. ACE's extensive partnership agreements with Department of the Interior agencies, including a freshly awarded National Agreement with the Bureau of Reclamation (#R17AC00046) affords us the opportunity to adapt WildSnap to more uses and implement its utilization on public lands throughout the country.

**8. Provides foundational knowledge or fills data gaps.**

The WildSnap app is able to combine existing feature and overlay data with newly collected data to compile the most complete image of any landscape. With these technologies, ACE is able to provide support, during and beyond the life of the project, to allow for enhancements, updates, and any needed application adjustments. This ensures the data is adherent to current data quality standards and protocol, and widely implementable for making land use decisions.

**9. Credible methods and success metrics.**

The WildSnap app is continuing to be developed and has been tested in field offices and WSAs across Utah. Our current and previous interns have supported in the development of content and collection of data for the following Utah WSAs:

- Cedar City Field Office: Spring Creek Canyon, Wah Wah Mountains, White Rock Range
- Price Field Office: Crack Canyon, Mexican Mountain, Sids Mountain, San Rafael Reef
- Salt Lake City Field Office: North Stansbury WSA, Deep Creek WSA
- Moab Field Office: Mill Creek Canyon WSA
- Vernal Field Office: Daniel's Canyon WSA

Also, the platform has already been adapted for Wilderness Inventory Team who are serving in the California Desert District of BLM, and will later be adapted for use by future Wilderness Inventory Teams in the Central & North Coast of California within the NCL system.

**10. Realistic timetable & deliverables:**

ACE will work closely with our partners in the recruitment and selection process to assure that the individual intern has the educational and experiential background that they will be capable of achieving the scientific and resource management data collection requirements set forth in the statement of work provided for each position. ACE will begin program management, recruitment, and training upon notification of receipt of award for the 5-year agreement with the program

<b>Milestone / Task / Activity</b>	<b>Start Date</b>	<b>Completion Date</b>
Internship Recruitment	September 2017	October 2017
WildSnap Implementation Internship	November 2017	January 2018
Additional Project Site Expansion	January 2018	August 2018

#### **PUBLIC BENEFIT:**

In summary, ACE believes that the complex multiple use mandate that guides BLM's Wilderness and Wilderness Study Area management efforts is an excellent place for developing resource management professionals, to enhance their specific skill set, and gain exposure to a broader cross section of disciplines. This effort is intended to entice our nation's young & diverse talent into a career of public service, and provide them with the tools and connections that they need to begin the challenging process of 'getting their foot in the door' by providing them real world professional service opportunities. ACE strives to find the best talent from every background, providing the best chance at success for the partner and the intern. ACE Interns receive on-the-job skills training, professional development opportunities, hands-on resource management experience, and exposure to potential future careers through close daily interaction with land management professionals.

With the continued development and enhancement of this application, ACE will provide a baseline for engaging the public and connecting them directly with the public lands through citizen science. These efforts support the mission of the "National Conservation Lands to protect a myriad of endangered species, diverse habitats and ecosystems, historic properties, and cultural resources." This application development also supports in the mission of this RFP as stated, to "help the BLM better understand the National Conservation Lands natural, scientific, and cultural resources, and the benefits they provide the American public by applying scientific understanding to management, education, and outreach."

#### **QUALIFICATIONS, PAST PERFORMANCE, ACTIVE BLM COOPERATIVE AGREEMENT:**

To ensure safe and effective implementation of the full range of field activities represented in this project, ACE's entire senior management staff, including trainers and coordinators for the southwest crew programs, will be readily available to lend assistance to the team leader and team members. The ACE senior level staff will be heavily involved in the planning, hiring and on-boarding stages of this project. We will work diligently to find the most qualified team leader and members to ensure the project's success. We will be actively involved in getting the team settled in and brought up to speed on the objectives of this project, main points of contact, reporting requirements, etc. We work diligently and successfully to provide local housing at project site locations, realizing that comfortable living situations engender good attitudes and work ethic. ACE's senior level staff will then serve as consultants to the project, the team, and the BLM. We will facilitate conversations when necessary, ensure compliance with the Project Management Plan, track expenses, and monitor progress.

#### **Staff directly involved with ACE:**

ACE has been fortunate to attract and retain a great number of devoted and talented staffers with many years of experience in trails, hydrology, fisheries, abandoned mine-land reclamation, vegetation management, fencing, and survey/monitoring with a wide range of land management agencies, conservation corps, and non-profit organizations across the country. ACE's senior staff possesses extensive accumulated experience managing conservation projects as staff for the Coconino Rural Environment, the Nevada Conservation Corps, the National Park Service, the Bureau of Land Management, US Bureau of Reclamation, and the US Forest Service. Below are the profiles of selected ACE personnel who will contribute to this project.

**Shane Barrow, ACE EPIC Program Director:**Email: [sbarrow@usaconservation.org](mailto:sbarrow@usaconservation.org)

Phone: (801) 946-5201

Shane has 20 years of management and leadership experience, much of which was either as a public servant and working as a federal partner. His professional path mirrors that of many conservation minded career focused young professionals. After volunteering with the BLM assisting with regional field geology courses, Shane secured his first GS position with BLM as a Realty Technician in the California desert. He later joined the Student Career Experience Program (SCEP) when he returned to graduate school, and was recruited into the agency after working for the CA State BLM office and Mother Load Field office in Recreation, Wilderness, Abandon Mine Lands, NEPA, invasive species management, and Riparian Restoration. His first Permanent position was in the Bakersfield Field Office as a Natural Resource Specialist, working in the Oil & Gas program. While there he acted in the capacity as the National Environmental Policy Act coordinator, the Soil, Water, Air Specialist, and performed recreational management, outreach, and environmental restoration duties throughout California. While there, he transitioned to managing a Central Valley Project (USBR) funded program to restore and manage upland and wetland vegetation in the Tulare Lake basis. While there he started one of the early Hands-on-the-Land programs for the Atwell Island Project in an effort to engage and educate the agricultural farm-worker families who make their living working on the land.

Shane received his Masters of Science from CSU Sacramento in Natural Resource Management, with an emphasis on environmental restoration. After 4 years managing restoration projects on the San Joaquin River in Central California and leading the Catalina Habitat Improvement & Restoration Program in the Channel Islands, he founded the ACE Emerging Professionals Internship Corps (EPIC) program to build bridges between academia and career in the conservation field.

**Tim England, ACE Director of Technology:**Email: [tengland@usaconservation.org](mailto:tengland@usaconservation.org)

Phone: (801) 243-0623

Tim grew up in central Iowa where he attended Drake University studying Journalism with an emphasis in Radio and Television Broadcast. After leaving Drake, he moved to Utah and began his career in Information Technology, working as a systems administrator for both small and large companies. In 1999, he moved to California where he worked for Apple, Cisco, and EFI, honing his technology skill set in areas such as interface development, web application development, and large-scale network deployment. In 2003, he decided to move back to Utah and work for one of the leading robotic research and development companies, SARCOS. After SARCOS was acquired by Raytheon in 2007, he continued to develop his technology skill set, working in systems administration, project management, system architecture, and system integration.

**Kelly Barrett, National Program Manager for BLM and USFS:**Email: [kbarrett@usaconservation.org](mailto:kbarrett@usaconservation.org)

Phone: (385) 272-0472

Kelly will provide the necessary project support for the interns and the BLM. She will be responsible for assuring the program is managed in a professional, timely, and accurate manner, and that our interns receive the proper professional development support that they need to succeed in their careers. Kelly will be responsible for all partnership development, recruitment, and training of the individuals whom will participate on this project. Kelly recently joined ACE in March, with a background in youth development and previous experience serving in AmeriCorps NCCC, where she participated in various conservation projects as a Corps Member and a Team Leader, AmeriCorps VISTA, and serving on a conservation crew in Alaska. Kelly has received multiple awards for her service and commitment to AmeriCorps and National Service including Congressional Award, the President Service Award for completing 2,000 hrs.



of service and the President's Lifetime Achievement Award for volunteering over 4,000 hours during his lifetime.

**Annie Meltzer, ACE EPIC Federal Grants and Finance Manager:**

Email: [ameltzer@usaconservation.org](mailto:ameltzer@usaconservation.org)

Phone: (385) 249-0823

Annie will provide the necessary oversight on agency agreements to assure that all reporting, invoicing, and compliance issues are professionally and promptly handled. Annie joined the ACE team in 2016 as the Federal Grants and Finance Manager. She draws upon her grants management experience from National Geographic Society Committee for Research and Exploration and grant writing experience from graduate school at the University of Tennessee. Her international fieldwork experience in environmental geography sparked a passion for conservation of National Parks and public lands.

**Ben Pohl, ACE Technology Support Specialist**

Email: [bpohl@usaconservation.org](mailto:bpohl@usaconservation.org)

Phone: (801) 631-2605

Ben supports our Director of Technology by managing the company website, developing company databases, and assisting with various technology related tasks. Ben is proficient in HTML, CSS, WordPress, FileMaker Pro, and JavaScript. He is currently studying Ruby on Rails in order to assist the development of our online services. The goal is to provide our partners and members online account systems so they can have quick and easy access to ACE's online resources. He loves that he is supporting the advancement of conservation through technology. Before he was working on technology projects, Ben spent time managing corps members on various conservation projects. Some of his projects included: trail building, fuel reduction, environmental restoration, and light construction work. As he continued through his career he transitioned out of the field and started leveraging his technology skills to members. Ben has received multiple awards for his service and commitment to National Service including the Heart and Soul Award for outstanding contribution to Michigan nonprofits; Excellence of Service Award from the AmeriCorps Pacific Region Leadership team for his leadership and commitment to service; and the President's Lifetime Achievement Award for volunteering over 4,000 hours during his lifetime.

**Chris Baker, President and CEO:**

Email: [cbaker@usaconservation.org](mailto:cbaker@usaconservation.org)

Phone: (928) 699-1068

Chris guides the strategic growth of the organization, is the primary point of contact for new partnerships, reports to the Board of Directors, hires and supervises program directors, and is ultimately responsible for ensuring that ACE continues to serve as a safe, responsive, and productive partner to our nation's land stewards. Chris began his career in conservation as an AmeriCorps member on the inaugural crew of the Coconino Rural Environment Corps (CREC) in 1996. Chris served as Crew Supervisor and Operations Manager with CREC for 6 years, spent one year as the Director of the Nevada Conservation corps, and founded ACE in 2003. Overall Chris has 18 years of experience managing youth activities within the conservation corps and youth development models

**Current/Past Examples of ACE Projects/Partnerships:**

ACE is widely recognized among the BLM, NPS, and other agency project partners as a vital resource for accomplishing conservation-related projects in a professional and effective manner. ACE strongly feels that the growing and substantial utilization of ACE interns and crews in the BLM, NPS, USFS and within other agencies is a direct result of the quality of work achieved, and the ability of ACE to recruit and train well supervised interns and team members capable of working relatively independently with general agency oversight.

**Below is a partial list of example partnership programs that ACE has been working with BLM:**

- **Assessment, Inventory, and Monitoring Programs**
  - Based out of the Utah State Office (various field offices) and Colorado.
- **Utah Wilderness Study Area Pilot Project Program**
  - Utah State Office
- **Aquatic & Riparian Effectiveness Monitoring Program**
  - Utah State Office
- **Direct Hire Authority**
  - National Recruitment and Retention program located in more than 30 offices throughout all of BLM - <http://www.usaconservation.org/programs/epic-internship/dha-home/>
- **NLCS Wilderness Inventory and Monitoring Team Programs**
  - California State Office, Various CA locations. Team is using a modified version of the WildSnap App to conduct inventories throughout various locations in CA, through 2017.
- **St. George Field Office Range/Recreation Programs**
  - Comprehensive program implementation
- **Utah State Office Natural & Cultural Resource Management Internship Program California Desert District**
  - West Mojave Management Planning CRM effort
- **Flat-Tailed Horned Lizard Monitoring Program**
  - El Centro Field Office (US Military Partnership)

**List of all active agreements between BLM and ACE:**

**AZ**

GIDO	L14AC00196	District Youth Internships & PLC Opportunities for Youth
PHDO	L15AC00012	Recreation and Public Lands Restoration and Maintenance
TUFO	L16AC00235	GIDO PLC Border Restoration
TUFO	L16AC00336	Youth Natural Resource Conservation and Monitoring

**CA**

BAFO	L12AC20437	OHV Interpretation
BAFO	L16AC00083	Archaeology Internships
BAKO	L12AC20522	CRM – Archaeological Range Program
BAKO	L16AC00082	Recreation Wilderness Intern Program
CASO	L16AC00086	Wild and Scenic Rivers Interns

CASO	L16AC00174	Wilderness Inventory and Monitoring Youth Corps Team
CDD	L16AC00092	West Mojave Travel Arch Interns (Ridgecrest/Barstow)
CPNM	L15AC00163	Natural/Cultural Resource Program
ECFO	L15AC00013	Flat Tail Horned Lizard Plot Monitoring
ECFO	L15AC00113	CCS – Flat Tail Horned Lizard Plot Monitoring
RIFO	L16AC00085	Restoration Interns

**EASO**

EASO	L14AC00397	Jupiter Inlet Lighthouse ONA – Recreation Youth Opportunities on Public Lands
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**OR/WA**

AREMP	L14AC00027	Aquatic & Riparian Effectiveness Monitoring Program
CODO	L14AC00331	Intern and Resource Assistant Program

**NM**

LCFO	L15AC00275	Youth and Intern Opportunities to Work on New Mexico Public Lands
NMSO	L15AC00276	AIM – San Luis Valley Field Office

**UT**

CCFO	L14AC00248	Sensitive Species Recovery, Inventory and Monitoring Youth Project
CLDQ	L13AC00066	Interpretive Paleontologist
MOFO	L12AC20468	Range Technician
PRFO	L15AC00221	Youth Cultural Resources Program (Nine-Mile Canyon)
PRFO	L15AC00226	Threatened and Endangered Species Plant Survey Project
SGFO	L16AC00034	Range and Resource Management Internship
SGFO	L16AC00094	Recreation Resource Management

UTSO	L13AC00095	National History Trails Inventory
UTSO	L12AC20612	Wilderness Study Area Pilot Project
UTSO	L13AC00277	Paleo Database
UTSO	L14AC00365	Recreation Site Design
UTSO	L16AC00103	AIM Statewide Implementation

## Project Narrative File(s)

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\* Mandatory Project Narrative File Filename: L17AS00001 #2 WSA WildSnap Intern Support Proposal Nar

Add Mandatory Project Narrative File

Delete Mandatory Project Narrative File

View Mandatory Project Narrative File

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To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File

Delete Optional Project Narrative File

View Optional Project Narrative File

## Budget Narrative File(s)

---

\* **Mandatory Budget Narrative Filename:**

[Add Mandatory Budget Narrative](#)

[Delete Mandatory Budget Narrative](#)

[View Mandatory Budget Narrative](#)

---

To add more Budget Narrative attachments, please use the attachment buttons below.

[Add Optional Budget Narrative](#)

[Delete Optional Budget Narrative](#)

[View Optional Budget Narrative](#)

Manifest for Grant Application # GRANT12328827

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 25671 bytes)

Forms Included in Zip File(total 7):

1. Form GG\_LobbyingForm-V1.1.pdf (size 23171 bytes)
2. Form ProjectNarrativeAttachments\_1\_2-V1.2.pdf (size 21402 bytes)
3. Form SF424\_2\_1-V2.1.pdf (size 30123 bytes)
4. Form BudgetNarrativeAttachments\_1\_2-V1.2.pdf (size 22364 bytes)
5. Form SF424A-V1.0.pdf (size 29774 bytes)
6. Form Key\_Contacts-V1.0.pdf (size 26972 bytes)
7. Form SF424B-V1.1.pdf (size 28484 bytes)

Attachments Included in Zip File (total 2):

1. ProjectNarrativeAttachments\_1\_2  
ProjectNarrativeAttachments\_1\_2-Attachments-1235-L17AS00001 #1 WSA App Development  
Proposal Narrative.pdf application/pdf (size 224212 bytes)
2. BudgetNarrativeAttachments\_1\_2  
BudgetNarrativeAttachments\_1\_2-Attachments-1234-L17AS00001 #1 WSA App Development Budget  
and 424s.pdf application/pdf (size 1372097 bytes)

## Project Narrative File(s)

---

\* Mandatory Project Narrative File Filename:

[Add Mandatory Project Narrative File](#)

[Delete Mandatory Project Narrative File](#)

[View Mandatory Project Narrative File](#)

---

To add more Project Narrative File attachments, please use the attachment buttons below.

[Add Optional Project Narrative File](#)

[Delete Optional Project Narrative File](#)

[View Optional Project Narrative File](#)



<b>Application for Federal Assistance SF-424</b>		
<b>* 1. Type of Submission:</b> <input type="checkbox"/> Preapplication <input checked="" type="checkbox"/> Application <input type="checkbox"/> Changed/Corrected Application	<b>* 2. Type of Application:</b> <input checked="" type="checkbox"/> New <input type="checkbox"/> Continuation <input type="checkbox"/> Revision	<b>* If Revision, select appropriate letter(s):</b> <input style="width: 100%;" type="text"/> <b>* Other (Specify):</b> <input style="width: 100%;" type="text"/>
<b>* 3. Date Received:</b> <input style="width: 100%;" type="text" value="02/02/2017"/>	<b>4. Applicant Identifier:</b> <input style="width: 100%;" type="text"/>	
<b>5a. Federal Entity Identifier:</b> <input style="width: 100%;" type="text"/>	<b>5b. Federal Award Identifier:</b> <input style="width: 100%;" type="text"/>	
<b>State Use Only:</b>		
<b>6. Date Received by State:</b> <input style="width: 100%;" type="text"/>	<b>7. State Application Identifier:</b> <input style="width: 100%;" type="text"/>	
<b>8. APPLICANT INFORMATION:</b>		
<b>* a. Legal Name:</b> <input style="width: 100%;" type="text" value="American Conservation Experience"/>		
<b>* b. Employer/Taxpayer Identification Number (EIN/TIN):</b> <input style="width: 100%;" type="text" value="37 1473291"/>	<b>* c. Organizational DUNS:</b> <input style="width: 100%;" type="text" value="1453726160000"/>	
<b>d. Address:</b>		
<b>* Street1:</b> <input style="width: 100%;" type="text" value="2900 North Fort Valley Rd"/> <b>Street2:</b> <input style="width: 100%;" type="text"/> <b>* City:</b> <input style="width: 100%;" type="text" value="Flagstaff"/> <b>County/Parish:</b> <input style="width: 100%;" type="text"/> <b>* State:</b> <input style="width: 100%;" type="text" value="AZ: Arizona"/> <b>Province:</b> <input style="width: 100%;" type="text"/> <b>* Country:</b> <input style="width: 100%;" type="text" value="USA: UNITED STATES"/> <b>* Zip / Postal Code:</b> <input style="width: 100%;" type="text" value="86001 8310"/>		
<b>e. Organizational Unit:</b>		
<b>Department Name:</b> <input style="width: 100%;" type="text"/>	<b>Division Name:</b> <input style="width: 100%;" type="text"/>	
<b>f. Name and contact information of person to be contacted on matters involving this application:</b>		
<b>Prefix:</b> <input style="width: 100%;" type="text"/> <b>Middle Name:</b> <input style="width: 100%;" type="text"/> <b>* Last Name:</b> <input style="width: 100%;" type="text" value="Barrow"/> <b>Suffix:</b> <input style="width: 100%;" type="text"/>	<b>* First Name:</b> <input style="width: 100%;" type="text" value="Shane"/>  <b>Title:</b> <input style="width: 100%;" type="text"/>	
<b>Organizational Affiliation:</b> <input style="width: 100%;" type="text"/>		
<b>* Telephone Number:</b> <input style="width: 100%;" type="text" value="801 946 2722"/>	<b>Fax Number:</b> <input style="width: 100%;" type="text"/>	
<b>* Email:</b> <input style="width: 100%;" type="text" value="sbarrow@usaconservation.org"/>		

<b>Application for Federal Assistance SF-424</b>		
<b>* 9. Type of Applicant 1: Select Applicant Type:</b> <input type="text" value="M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)"/>		
<b>Type of Applicant 2: Select Applicant Type:</b> <input type="text"/>		
<b>Type of Applicant 3: Select Applicant Type:</b> <input type="text"/>		
<b>* Other (specify):</b> <input type="text"/>		
<b>* 10. Name of Federal Agency:</b> <input type="text" value="Bureau of Land Management"/>		
<b>11. Catalog of Federal Domestic Assistance Number:</b> <input type="text" value="15.231"/>		
<b>CFDA Title:</b> <input type="text" value="Fish, Wildlife and Plant Conservation Resource Management"/>		
<b>* 12. Funding Opportunity Number:</b> <input type="text" value="L17AS00001"/>		
<b>* Title:</b> <input type="text" value="BLM FY2017 Bureau wide National Conservation Lands Scientific Studies Support Program"/>		
<b>13. Competition Identification Number:</b> <input type="text"/>		
<b>Title:</b> <input type="text"/>		
<b>14. Areas Affected by Project (Cities, Counties, States, etc.):</b> <div> <input type="text"/> <input type="button" value="Add Attachment"/> <input type="button" value="Delete Attachment"/> <input type="button" value="View Attachment"/> </div>		
<b>* 15. Descriptive Title of Applicant's Project:</b> <input type="text" value="Travel and Transportation Routes Inventory and Monitoring Green River District"/>		
Attach supporting documents as specified in agency instructions. <div> <input type="button" value="Add Attachments"/> <input type="button" value="Delete Attachments"/> <input type="button" value="View Attachments"/> </div>		

<b>Application for Federal Assistance SF-424</b>	
<b>16. Congressional Districts Of:</b>	
* a. Applicant: <input type="text" value="AZ01"/>	* b. Program/Project: <input type="text" value="UT03"/>
Attach an additional list of Program/Project Congressional Districts if needed.	
<input type="text"/>	<input type="button" value="Add Attachment"/> <input type="button" value="Delete Attachment"/> <input type="button" value="View Attachment"/>
<b>17. Proposed Project:</b>	
* a. Start Date: <input type="text" value="04/01/2017"/>	* b. End Date: <input type="text" value="03/31/2022"/>
<b>18. Estimated Funding (\$):</b>	
* a. Federal	<input type="text" value="25,000.00"/>
* b. Applicant	<input type="text" value="10,278.40"/>
* c. State	<input type="text" value="0.00"/>
* d. Local	<input type="text" value="0.00"/>
* e. Other	<input type="text" value="0.00"/>
* f. Program Income	<input type="text" value="0.00"/>
* g. TOTAL	<input type="text" value="35,278.40"/>
<b>* 19. Is Application Subject to Review By State Under Executive Order 12372 Process?</b>	
<input type="checkbox"/> a. This application was made available to the State under the Executive Order 12372 Process for review on <input type="text"/> .	
<input type="checkbox"/> b. Program is subject to E.O. 12372 but has not been selected by the State for review.	
<input checked="" type="checkbox"/> c. Program is not covered by E.O. 12372.	
<b>* 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)</b>	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
If "Yes", provide explanation and attach	
<input type="text"/>	<input type="button" value="Add Attachment"/> <input type="button" value="Delete Attachment"/> <input type="button" value="View Attachment"/>
<b>21. *By signing this application, I certify (1) to the statements contained in the list of certifications** and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 218, Section 1001)</b>	
<input checked="" type="checkbox"/> ** I AGREE	
** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.	
<b>Authorized Representative:</b>	
Prefix: <input type="text"/>	* First Name: <input type="text" value="Shane"/>
Middle Name: <input type="text"/>	
* Last Name: <input type="text" value="Barrow"/>	
Suffix: <input type="text"/>	
* Title: <input type="text" value="National Internship Director"/>	
* Telephone Number: <input type="text" value="801 946 2722"/>	Fax Number: <input type="text"/>
* Email: <input type="text" value="sbarrow@usaconservation.org"/>	
* Signature of Authorized Representative: <input type="text" value="Chris Baker"/>	* Date Signed: <input type="text" value="02/02/2017"/>

DOI-2021-02 00190

<b>Application for Federal Assistance SF-424</b>		
<b>* 1. Type of Submission:</b> <input type="checkbox"/> Preapplication <input checked="" type="checkbox"/> Application <input type="checkbox"/> Changed/Corrected Application	<b>* 2. Type of Application:</b> <input checked="" type="checkbox"/> New <input type="checkbox"/> Continuation <input type="checkbox"/> Revision	<b>* If Revision, select appropriate letter(s):</b> <input style="width: 100%;" type="text"/> <b>* Other (Specify):</b> <input style="width: 100%;" type="text"/>
<b>* 3. Date Received:</b> <input style="width: 100%;" type="text" value="02/02/2017"/>	<b>4. Applicant Identifier:</b> <input style="width: 100%;" type="text"/>	
<b>5a. Federal Entity Identifier:</b> <input style="width: 100%;" type="text"/>	<b>5b. Federal Award Identifier:</b> <input style="width: 100%;" type="text"/>	
<b>State Use Only:</b>		
<b>6. Date Received by State:</b> <input style="width: 100%;" type="text"/>	<b>7. State Application Identifier:</b> <input style="width: 100%;" type="text"/>	
<b>8. APPLICANT INFORMATION:</b>		
<b>* a. Legal Name:</b> <input style="width: 100%;" type="text" value="American Conservation Experience"/>		
<b>* b. Employer/Taxpayer Identification Number (EIN/TIN):</b> <input style="width: 100%;" type="text" value="37 1473291"/>	<b>* c. Organizational DUNS:</b> <input style="width: 100%;" type="text" value="1453726160000"/>	
<b>d. Address:</b>		
<b>* Street1:</b> <input style="width: 100%;" type="text" value="2900 North Fort Valley Rd"/> <b>Street2:</b> <input style="width: 100%;" type="text"/> <b>* City:</b> <input style="width: 100%;" type="text" value="Flagstaff"/> <b>County/Parish:</b> <input style="width: 100%;" type="text"/> <b>* State:</b> <input style="width: 100%;" type="text" value="AZ: Arizona"/> <b>Province:</b> <input style="width: 100%;" type="text"/> <b>* Country:</b> <input style="width: 100%;" type="text" value="USA: UNITED STATES"/> <b>* Zip / Postal Code:</b> <input style="width: 100%;" type="text" value="86001 8310"/>		
<b>e. Organizational Unit:</b>		
<b>Department Name:</b> <input style="width: 100%;" type="text"/>	<b>Division Name:</b> <input style="width: 100%;" type="text"/>	
<b>f. Name and contact information of person to be contacted on matters involving this application:</b>		
<b>Prefix:</b> <input style="width: 100%;" type="text"/> <b>Middle Name:</b> <input style="width: 100%;" type="text"/> <b>* Last Name:</b> <input style="width: 100%;" type="text" value="Barrow"/> <b>Suffix:</b> <input style="width: 100%;" type="text"/>	<b>* First Name:</b> <input style="width: 100%;" type="text" value="Shane"/>  <b>Title:</b> <input style="width: 100%;" type="text"/>	
<b>Organizational Affiliation:</b> <input style="width: 100%;" type="text"/>		
<b>* Telephone Number:</b> <input style="width: 100%;" type="text" value="801 946 2722"/>	<b>Fax Number:</b> <input style="width: 100%;" type="text"/>	
<b>* Email:</b> <input style="width: 100%;" type="text" value="sbarrow@usaconservation.org"/>		

<b>Application for Federal Assistance SF-424</b>		
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<b>* 12. Funding Opportunity Number:</b> <input type="text" value="L17AS00001"/> <b>* Title:</b> <input type="text" value="BLM FY2017 Bureau wide National Conservation Lands Scientific Studies Support Program"/>		
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<b>* 15. Descriptive Title of Applicant's Project:</b> <input type="text" value="WSA Monitoring WildSnap Development"/>		
Attach supporting documents as specified in agency instructions. <input type="button" value="Add Attachments"/> <input type="button" value="Delete Attachments"/> <input type="button" value="View Attachments"/>		

<b>Application for Federal Assistance SF-424</b>	
<b>16. Congressional Districts Of:</b>	
* a. Applicant: <input type="text" value="AZ01"/>	* b. Program/Project: <input type="text" value="UT01"/>
Attach an additional list of Program/Project Congressional Districts if needed.	
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<b>18. Estimated Funding (\$):</b>	
* a. Federal	<input type="text" value="25,000.00"/>
* b. Applicant	<input type="text" value="0.00"/>
* c. State	<input type="text" value="0.00"/>
* d. Local	<input type="text" value="0.00"/>
* e. Other	<input type="text" value="0.00"/>
* f. Program Income	<input type="text" value="0.00"/>
* g. TOTAL	<input type="text" value="25,000.00"/>
<b>* 19. Is Application Subject to Review By State Under Executive Order 12372 Process?</b>	
<input type="checkbox"/> a. This application was made available to the State under the Executive Order 12372 Process for review on <input type="text"/> .	
<input type="checkbox"/> b. Program is subject to E.O. 12372 but has not been selected by the State for review.	
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<input checked="" type="checkbox"/> ** I AGREE	
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<b>Authorized Representative:</b>	
Prefix: <input type="text"/>	* First Name: <input type="text" value="Shane"/>
Middle Name: <input type="text"/>	
* Last Name: <input type="text" value="Barrow"/>	
Suffix: <input type="text"/>	
* Title: <input type="text" value="National Internship Manager"/>	
* Telephone Number: <input type="text" value="801 946 2722"/>	Fax Number: <input type="text"/>
* Email: <input type="text" value="sbarrow@usaconservation.org"/>	
* Signature of Authorized Representative: <input type="text" value="Chris Baker"/>	* Date Signed: <input type="text" value="02/02/2017"/>

DOI-2021-02 00193

CERTIFICATION REGARDING LOBBYING

Certification for Contracts Grants Loans and Cooperative Agreements

The undersigned certifies to the best of his or her knowledge and belief that

(1) No Federal appropriated funds have been paid or will be paid by or on behalf of the undersigned to any person for influencing or attempting to influence an officer or employee of an agency a Member of Congress an officer or employee of Congress or an employee of a Member of Congress in connection with the awarding of any Federal contract the making of any Federal grant the making of any Federal loan the entering into of any cooperative agreement and the extension continuation renewal amendment or modification of any Federal contract grant loan or cooperative agreement

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency a Member of Congress an officer or employee of Congress or an employee of a Member of Congress in connection with this Federal contract grant loan or cooperative agreement the undersigned shall complete and submit Standard Form-LLL "Disclosure of Lobbying Activities " in accordance with its instructions

(3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts subgrants and contracts under grants loans and cooperative agreements) and that all subrecipients shall certify and disclose accordingly This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352 title 31 U S Code Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10 000 and not more than \$100 000 for each such failure

Statement for Loan Guarantees and Loan Insurance

The undersigned states to the best of his or her knowledge and belief that

If any funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency a Member of Congress an officer or employee of Congress or an employee of a Member of Congress in connection with this commitment providing for the United States to insure or guarantee a loan the undersigned shall complete and submit Standard Form-LLL "Disclosure of Lobbying Activities " in accordance with its instructions Submission of this statement is a prerequisite for making or entering into this transaction imposed by section 1352 title 31 U S Code Any person who fails to file the required statement shall be subject to a civil penalty of not less than \$10 000 and not more than \$100 000 for each such failure

* APPL CANT'S ORGAN ZAT ON			
<div>American Conservation Experience</div>			
* PR NTED NAME AND T TLE OF AUTHOR ZED REPRESENTAT VE			
Prefix	* First Name	Middle Name	
	Shane		
* Last Name	Suffix		
Barrow			
* Title	<div>National Internship Director</div>		
* S GNATURE		* DATE	
Chris Baker		02/02/2017	

**BUDGET INFORMATION - Non-Construction Programs**OMB Number: 4040-0006  
Expiration Date: 01/31/2019**SECTION A - BUDGET SUMMARY**

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. ACE Interns	15.231	\$ 0.00	\$ 0.00	\$ 25,000.00	\$ 10,278.40	\$ 35,278.40
2. 0	0	0.00	0.00	0.00	0.00	0.00
3. 0	0	0.00	0.00	0.00	0.00	0.00
4. 0	0	0.00	0.00	0.00	0.00	0.00
5. Totals		\$	\$	\$ 25,000.00	\$ 10,278.40	\$ 35,278.40

Standard Form 424A (Rev. 7-97)  
Prescribed by OMB (Circular A -102) Page 1

Tracking Number: GRANT12328782

Funding Opportunity Number: L17AS00001 Received Date: Feb 02, 2017 06:14:39 PM EST



## SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total (5)
	(1)	(2)	(3)	(4)	
	ACE Interns	0	0	0	
a. Personnel	\$ 7,600.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 7,600.00
b. Fringe Benefits	1,564.00	0.00	0.00	0.00	1,564.00
c. Travel	9,600.00	0.00	0.00	0.00	9,600.00
d. Equipment	0.00	0.00	0.00	0.00	
e. Supplies	2,500.00	0.00	0.00	0.00	2,500.00
f. Contractual	0.00	0.00	0.00	0.00	
g. Construction	0.00	0.00	0.00	0.00	
h. Other	75.00	0.00	0.00	0.00	75.00
i. Total Direct Charges (sum of 6a-6h)	21,339.00	0.00	0.00	0.00	\$ 21,339.00
j. Indirect Charges	3,661.00	0.00	0.00	0.00	\$ 3,661.00
k. TOTALS (sum of 6i and 6j)	\$ 25,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 25,000.00
7. Program Income	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	

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Standard Form 424A (Rev. 7-97)  
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SECTION C - NON-FEDERAL RESOURCES					
(a) Grant Program		(b) Applicant	(c) State	(d) Other Sources	(e) TOTALS
8.	ACE Interns	\$ 10,278.40	\$ 0.00	\$ 0.00	\$ 10,278.40
9.	0	0.00	0.00	0.00	0.00
10.	0	0.00	0.00	0.00	0.00
11.	0	0.00	0.00	0.00	0.00
12. TOTAL (sum of lines 8-11)		\$ 10,278.40	\$	\$	\$ 10,278.40

SECTION D - FORECASTED CASH NEEDS						
		Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13.	Federal	\$ 25,000.00	\$ 25,000.00	\$ 0.00	\$ 0.00	\$ 0.00
14.	Non-Federal	\$	0.00	0.00	0.00	0.00
15. TOTAL (sum of lines 13 and 14)		\$ 25,000.00	\$ 25,000.00	\$ 0.00	\$ 0.00	\$ 0.00

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT					
(a) Grant Program		FUTURE FUNDING PERIODS (YEARS)			
		(b) First	(c) Second	(d) Third	(e) Fourth
16.	ACE Interns	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
17.	0	0.00	0.00	0.00	0.00
18.	0	0.00	0.00	0.00	0.00
19.	0	0.00	0.00	0.00	0.00
20. TOTAL (sum of lines 16 - 19)		\$	\$	\$	\$

SECTION F - OTHER BUDGET INFORMATION	
21. Direct Charges: 21339	22. Indirect Charges: 3661
23. Remarks: Interns 1; Weeks 16; LA \$300/wk; Invoice Rate \$575/wk; ACE Vehicle \$450/wk * 16 wks; Housing \$150/wk * 16 wks; Tech Development Director \$70/hr * 40 hrs; Drone Equipment \$2,500	

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Standard Form 424A (Rev. 7- 97)  
Prescribed by OMB (Circular A -102) Page 2

Tracking Number: GRANT12328782

Funding Opportunity Number: L17AS00001 Received Date: Feb 02, 2017 06:14:39 PM EST

DOI-2021-02 00197

CERTIFICATION REGARDING LOBBYING

Certification for Contracts Grants Loans and Cooperative Agreements

The undersigned certifies to the best of his or her knowledge and belief that

(1) No Federal appropriated funds have been paid or will be paid by or on behalf of the undersigned to any person for influencing or attempting to influence an officer or employee of an agency a Member of Congress an officer or employee of Congress or an employee of a Member of Congress in connection with the awarding of any Federal contract the making of any Federal grant the making of any Federal loan the entering into of any cooperative agreement and the extension continuation renewal amendment or modification of any Federal contract grant loan or cooperative agreement

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency a Member of Congress an officer or employee of Congress or an employee of a Member of Congress in connection with this Federal contract grant loan or cooperative agreement the undersigned shall complete and submit Standard Form-LLL "Disclosure of Lobbying Activities " in accordance with its instructions

(3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts subgrants and contracts under grants loans and cooperative agreements) and that all subrecipients shall certify and disclose accordingly This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352 title 31 U S Code Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10 000 and not more than \$100 000 for each such failure

Statement for Loan Guarantees and Loan Insurance

The undersigned states to the best of his or her knowledge and belief that

If any funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency a Member of Congress an officer or employee of Congress or an employee of a Member of Congress in connection with this commitment providing for the United States to insure or guarantee a loan the undersigned shall complete and submit Standard Form-LLL "Disclosure of Lobbying Activities " in accordance with its instructions Submission of this statement is a prerequisite for making or entering into this transaction imposed by section 1352 title 31 U S Code Any person who fails to file the required statement shall be subject to a civil penalty of not less than \$10 000 and not more than \$100 000 for each such failure

* APPL CANT'S ORGAN ZAT ON			
American Conservation Experience			
* PR NTED NAME AND T TLE OF AUTHOR ZED REPRESENTAT VE			
Prefix	* First Name	Middle Name	
	Shane		
* Last Name		Suffix	
Barrow			
* Title			
National Internship Manager			
* S GNATURE			* DATE
Chris Baker			02/02/2017

Application for Federal Assistance SF-424		
<b>* 1. Type of Submission:</b> <input type="checkbox"/> Preapplication <input checked="" type="checkbox"/> Application <input type="checkbox"/> Changed/Corrected Application		
<b>* 2. Type of Application:</b> <input checked="" type="checkbox"/> New <input type="checkbox"/> Continuation <input type="checkbox"/> Revision		
<b>* If Revision, select appropriate letter(s):</b> <input type="text"/> <b>* Other (Specify):</b> <input type="text"/>		
<b>* 3. Date Received:</b> <input type="text" value="02/02/2017"/>		<b>4. Applicant Identifier:</b> <input type="text"/>
<b>5a. Federal Entity Identifier:</b> <input type="text"/>		<b>5b. Federal Award Identifier:</b> <input type="text"/>
<b>State Use Only:</b>		
<b>6. Date Received by State:</b> <input type="text"/>		<b>7. State Application Identifier:</b> <input type="text"/>
<b>8. APPLICANT INFORMATION:</b>		
<b>* a. Legal Name:</b> <input type="text" value="American Conservation Experience"/>		
<b>* b. Employer/Taxpayer Identification Number (EIN/TIN):</b> <input type="text" value="37 1473291"/>		<b>* c. Organizational DUNS:</b> <input type="text" value="1453726160000"/>
<b>d. Address:</b>		
<b>* Street1:</b> <input type="text" value="2900 North Fort Valley Rd"/>		
<b>Street2:</b> <input type="text"/>		
<b>* City:</b> <input type="text" value="Flagstaff"/>		
<b>County/Parish:</b> <input type="text"/>		
<b>* State:</b> <input type="text" value="AZ: Arizona"/>		
<b>Province:</b> <input type="text"/>		
<b>* Country:</b> <input type="text" value="USA: UNITED STATES"/>		
<b>* Zip / Postal Code:</b> <input type="text" value="86001 8310"/>		
<b>e. Organizational Unit:</b>		
<b>Department Name:</b> <input type="text"/>		<b>Division Name:</b> <input type="text"/>
<b>f. Name and contact information of person to be contacted on matters involving this application:</b>		
<b>Prefix:</b> <input type="text"/>		<b>* First Name:</b> <input type="text" value="Shane"/>
<b>Middle Name:</b> <input type="text"/>		
<b>* Last Name:</b> <input type="text" value="Barrow"/>		
<b>Suffix:</b> <input type="text"/>		
<b>Title:</b> <input type="text"/>		
<b>Organizational Affiliation:</b> <input type="text"/>		
<b>* Telephone Number:</b> <input type="text" value="801 946 2722"/>		<b>Fax Number:</b> <input type="text"/>
<b>* Email:</b> <input type="text" value="sbarrow@usaconservation.org"/>		

<b>Application for Federal Assistance SF-424</b>			
<b>* 9. Type of Applicant 1: Select Applicant Type:</b> <input type="text" value="M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)"/>			
<b>Type of Applicant 2: Select Applicant Type:</b> <input type="text"/>			
<b>Type of Applicant 3: Select Applicant Type:</b> <input type="text"/>			
<b>* Other (specify):</b> <input type="text"/>			
<b>* 10. Name of Federal Agency:</b> <input type="text" value="Bureau of Land Management"/>			
<b>11. Catalog of Federal Domestic Assistance Number:</b> <input type="text" value="15.231"/>			
<b>CFDA Title:</b> <input type="text" value="Fish, Wildlife and Plant Conservation Resource Management"/>			
<b>* 12. Funding Opportunity Number:</b> <input type="text" value="L17AS00001"/>			
<b>* Title:</b> <input type="text" value="BLM FY2017 Bureau wide National Conservation Lands Scientific Studies Support Program"/>			
<b>13. Competition Identification Number:</b> <input type="text"/>			
<b>Title:</b> <input type="text"/>			
<b>14. Areas Affected by Project (Cities, Counties, States, etc.):</b> <div> <input type="text"/> <input type="button" value="Add Attachment"/> <input type="button" value="Delete Attachment"/> <input type="button" value="View Attachment"/> </div>			
<b>* 15. Descriptive Title of Applicant's Project:</b> <input type="text" value="Cultural Resource Management Intern Bears Ears National Monument"/>			
Attach supporting documents as specified in agency instructions. <div> <input type="button" value="Add Attachments"/> <input type="button" value="Delete Attachments"/> <input type="button" value="View Attachments"/> </div>			

<b>Application for Federal Assistance SF-424</b>	
<b>16. Congressional Districts Of:</b>	
* a. Applicant: <input type="text" value="AZ01"/>	* b. Program/Project: <input type="text" value="UT03"/>
Attach an additional list of Program/Project Congressional Districts if needed.	
<input type="text"/>	<input type="button" value="Add Attachment"/> <input type="button" value="Delete Attachment"/> <input type="button" value="View Attachment"/>
<b>17. Proposed Project:</b>	
* a. Start Date: <input type="text" value="04/01/2017"/>	* b. End Date: <input type="text" value="03/31/2022"/>
<b>18. Estimated Funding (\$):</b>	
* a. Federal	<input type="text" value="25,000.00"/>
* b. Applicant	<input type="text" value="8,278.40"/>
* c. State	<input type="text" value="0.00"/>
* d. Local	<input type="text" value="0.00"/>
* e. Other	<input type="text" value="0.00"/>
* f. Program Income	<input type="text" value="0.00"/>
* g. TOTAL	<input type="text" value="33,278.40"/>
<b>* 19. Is Application Subject to Review By State Under Executive Order 12372 Process?</b>	
<input type="checkbox"/> a. This application was made available to the State under the Executive Order 12372 Process for review on <input type="text"/> .	
<input type="checkbox"/> b. Program is subject to E.O. 12372 but has not been selected by the State for review.	
<input checked="" type="checkbox"/> c. Program is not covered by E.O. 12372.	
<b>* 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)</b>	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
If "Yes", provide explanation and attach	
<input type="text"/>	<input type="button" value="Add Attachment"/> <input type="button" value="Delete Attachment"/> <input type="button" value="View Attachment"/>
<b>21. *By signing this application, I certify (1) to the statements contained in the list of certifications** and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 218, Section 1001)</b>	
<input checked="" type="checkbox"/> ** I AGREE	
** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.	
<b>Authorized Representative:</b>	
Prefix: <input type="text"/>	* First Name: <input type="text" value="Shane"/>
Middle Name: <input type="text"/>	
* Last Name: <input type="text" value="Barrow"/>	
Suffix: <input type="text"/>	
* Title: <input type="text" value="National Internship Director"/>	
* Telephone Number: <input type="text" value="801 946 2722"/>	Fax Number: <input type="text"/>
* Email: <input type="text" value="sbarrow@usaconservation.org"/>	
* Signature of Authorized Representative: <input type="text" value="Chris Baker"/>	* Date Signed: <input type="text" value="02/02/2017"/>

DOI-2021-02 00201

Manifest for Grant Application # GRANT12328766

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 26201 bytes)

Forms Included in Zip File(total 7):

1. Form GG\_LobbyingForm-V1.1.pdf (size 23344 bytes)
2. Form ProjectNarrativeAttachments\_1\_2-V1.2.pdf (size 21326 bytes)
3. Form SF424\_2\_1-V2.1.pdf (size 30318 bytes)
4. Form BudgetNarrativeAttachments\_1\_2-V1.2.pdf (size 22291 bytes)
5. Form SF424A-V1.0.pdf (size 29824 bytes)
6. Form Key\_Contacts-V1.0.pdf (size 26895 bytes)
7. Form SF424B-V1.1.pdf (size 28413 bytes)

Attachments Included in Zip File (total 2):

1. ProjectNarrativeAttachments\_1\_2  
ProjectNarrativeAttachments\_1\_2-Attachments-1235-L17AS00001 #4 BENM CRM Drone IM  
Proposal Narrative.pdf application/pdf (size 235450 bytes)
2. BudgetNarrativeAttachments\_1\_2  
BudgetNarrativeAttachments\_1\_2-Attachments-1234-L17AS00001 #4 BENM CRM Drone IM Budget  
and 424s.pdf application/pdf (size 1371932 bytes)



# Bureau of Land Management

Utah State Office  
Grants & Cooperative Agreements



## BUDGET DETAIL EPIC 2017 033

**Instructions:** Starting with the same budget amounts as listed on the SF-424A Budget Information form, use this worksheet to show details of the estimated costs. Provide enough information that costs may be analyzed for reasonableness as compared to costs or work of similar size and scope. Use the Narrative boxes as necessary to explain each cost.

Agreement or Funding Opportunity No.: L17AS00001 Date: 2-Feb-17

Organization Name: American Conservation Experience

Project Title: Travel and Transportation - Green River District

### A) PERSONNEL (SF 424A Object Class Category 6a.)

*The cost of salaries & wages, not including fringe benefits, paid to Recipient employees working directly on this agreement. Indicate Key Personnel with an asterisk (\*). Provide more detail in the Narrative Box if needed.*

Name & Title or Position Title	No. of Personnel	Salary or Wage	Hours, Days, Weeks, Months, or Other	Matching Funds (if applicable)	BLM Funds
Routes Inventory and Monitoring Intern	1	\$300/week	16	\$ 10,278.40	\$ 4,800.00
Tecnology Development Director	1	\$70/hour	40	\$ -	\$ 2,800.00
Position 3	0	\$0/	0	\$ -	\$ -
Position 4	0	\$0/	0	\$ -	\$ -
Position 5	0	\$0/	0	\$ -	\$ -
Position 6	0	\$0/	0	\$ -	\$ -
Position 7	0	\$0/	0	\$ -	\$ -
A) TOTAL PERSONNEL COSTS:				\$ 10,278.40	\$ 7,600.00
(SF-424A Object Class Category 6a. Personnel)					

Narrative : One 16-week Routes Inventory and Monitoring Intern will receive a \$300/week Living Allowance. 40 hours/week will be expected for this project. Intern may be eligible for a 450-hour AmeriCorps award (\$1,527.45) upon successful completion of the internship.



**B) FRINGE BENEFITS** (SF 424A Object Class Category 6b.)

*The cost of fringe benefits, such as FICA, workers comp, state payroll taxes, etc., paid to Recipient employees working on this agreement. List employees or positions below, and their fringe benefit rates as percentages of their salaries. List what are included as fringe benefits in the Narrative Box.*

Name & Title/Position	Salary/Wage Base	Fringe Benefit Rate (%)	Matching Funds (if applicable)	BLM Funds
	(BLM Amounts budgeted in Section A above)			
Routes Inventory and Monitoring Intern	\$ 4,800.00	18%	\$ -	\$ 864.00
Tecnology Development Director	\$ 2,800.00	25%	\$ -	\$ 700.00
Position 3	\$ -	18%	\$ -	\$ -
Position 4	\$ -	18%	\$ -	\$ -
Position 5	\$ -	18%	\$ -	\$ -
Position 6	\$ -	18%	\$ -	\$ -
Position 7	\$ -	18%	\$ -	\$ -
B) TOTAL FRINGE BENEFIT COSTS:			\$ -	\$ 1,564.00
(SF-424A Object Class Category 6b. Fringe Benefits)				

Narrative : Fringe rate calculation covers all liability, workers compensation, vehicle, payroll insurance, FICA, Social Security and Medicare expenses associated.

C) TRAVEL (SF 424A Object Class Category 6c.)					
<u>LODGING &amp; PER DIEM</u> The cost of lodging & meals while travelling for agreement activities. Give details and purpose of the travel in the Narrative Box. Current Federal rates may be found online at: <a href="http://www.gsa.gov/portal/category/21287">http://www.gsa.gov/portal/category/21287</a> .					
Proposed Travel, Lodging & Per Diem	No. of People	No. of weeks	Cost Per Person	Matching Funds (if applicable)	BLM Funds
Intern Housing Stipend	1	16	\$150/week		\$ 2,700.00
Project Vehicle - Truck	1	16	\$450/week		\$ 8,100.00
<u>MILEAGE REIMBURSEMENT</u> The cost of reimbursement for estimated mileage traveled for agreement activities. Give details and the purpose of the travel in the Narrative Box. Current Federal mileage reimbursement rates may be found online at: <a href="http://www.GSA.gov">www.GSA.gov</a> .					
Proposed Travel, Lodging & Per Diem	No. of Miles	No. of Trips	Cost Per Mile	Matching Funds (if applicable)	BLM Funds
To:					
From:					
To:					
From:					
To:					
From:					
To:					
From:					
<u>OTHER TRAVEL COSTS</u> - The costs of airfare, bus fare, car rental, etc., required for agreement activities. Explain the details and the purpose of the costs in the Narrative Box.					
Proposed Other Travel Reimbursement	Type	Cost	No.	Matching Funds (if applicable)	BLM Funds
To:					
From:		\$ -			\$ -
To:					
From:		\$ -			\$ -
To:					
From:		\$ -			\$ -
To:					
From:		\$ -			\$ -
<b>C) TOTAL TRAVEL COSTS:</b>					
(SF-424A Object Class Category 6c. Travel)				\$ -	\$ 10,800.00
<u>Narrative</u> : The Intern for this project will have the use of a 4-wheel drive truck to conduct field testing, as well as a \$150/week Housing Stipend to cover ACE housing in Price, Utah.					

**D) EQUIPMENT** (SF 424A Object Class Category 6d. Equipment)

The cost of equipment (items with a useful life of more than one (1) year and a cost of \$5,000+ per unit). Explain the need and purpose of the equipment in the Narrative box below.

Equipment	Quantity	Cost per Unit	Matching Funds (if applicable)	BLM Funds
Equipment 1 Description	0	\$0.00	\$ -	\$ -
Equipment 2 Description	0	\$0.00	\$ -	\$ -
Equipment 3 Description	0	\$0.00	\$ -	\$ -
<b>D) TOTAL EQUIPMENT COSTS:</b>				
(SF-424A Object Class Category 6d. Equipment)			\$ -	\$ -

Narrative : N/A

**E) SUPPLIES** (SF 424A Object Class Category 6e. Supplies)

The cost of materials and supplies used directly on this project, such as safety glasses, work gloves, office supplies, etc. Explain the details and purpose in the Narrative box below.

Item	Quantity	Cost per Unit	Matching Funds (if applicable)	BLM Funds
Uniform	0	\$75.00	\$ -	\$ -
Nametag	0	\$8.00	\$ -	\$ -
Drone Equipment	1	\$2,500.00	\$ -	\$ 2,500.00
Supply 4 Description	0	\$0.00	\$ -	\$ -
Supply 5 Description	0	\$0.00	\$ -	\$ -
<b>E) SUPPLIES COST TOTAL:</b>				
(SF-424A Object Class Category 6e. Supplies)			\$ -	\$ 2,500.00


Narrative : This project will require one drone setup complete with drone hardware, software, pack, batteries, iPad, and car charger.

<b>F) CONTRACTUAL</b> (SF 424A Object Class Category 6f. Contractual)			
The cost of contracted services and/or sub-recipient agreements. Provide names and explain the details and purpose of the costs in the Narrative box below. <u>NOTE</u> : Contracts must be competed per the Uniform Administrative Rules.			
Contractor Name, Type, etc.	Cost	Matching Funds (if applicable)	BLM Funds
<b>F) CONTRACTUAL COST TOTAL:</b>		\$ -	\$ -
(SF-424A Object Class Category 6f. Contractual)			
<i>Narrative</i> : N/A			

<b>G) CONSTRUCTION COSTS</b> (SF 424A Object Class Category 6g. Construction)			
The cost of construction.			
Contractor: Name/Type/Organization/Etc.	Cost	Matching Funds (if applicable)	BLM Funds
*** <b>NOT APPLICABLE</b> ***			
<b>G) CONSTRUCTION COST TOTAL:</b>		\$ N/A	\$ N/A
(SF-424A Object Class Category 6g. Construction)			
<i>Narrative</i> : N/A			

<b>H) OTHER</b> (SF 424A Object Class Category 6h. Other)			
Costs that don't fit any other Object Class Category, such as duplicating and printing, postage and freight, rented equipment, etc. Explain the details and purpose in the Narrative box below.			
Item	Cost	Matching Funds (if applicable)	BLM Funds
Program Support/Contingency	\$ -	\$ -	\$ -
Background Check	\$ -	\$ -	\$ 75.00
Other 3 Description	\$ -	\$ -	\$ -
Other 4 Description	\$ -	\$ -	\$ -
Other 5 Description	\$ -	\$ -	\$ -
Other 6 Description	\$ -	\$ -	\$ -
Other 7 Description	\$ -	\$ -	\$ -
Other 8 Description	\$ -	\$ -	\$ -
Other 9 Description	\$ -	\$ -	\$ -
Other 10 Description	\$ -	\$ -	\$ -
<b>H) OTHER COSTS TOTAL:</b>		\$ -	\$ 75.00
(SF-424A Object Class Category 6h. Other)			
<u>Narrative</u> : ACE provides background checks for each intern.			


<b>I) TOTAL DIRECT CHARGES</b> (SF 424A Object Class Category 6i. Sum of 6a. 6h.)		
The total of all direct costs applicable to this project.		
	<b>Matching Funds</b> (if applicable)	<b>BLM Funds</b>
<b>I) TOTAL DIRECT COSTS:</b>	\$ -	\$ 21,339.00
(SF-424A Object Class Category 6i. Total, Sum of 6a.-6h.)		
<b>J) INDIRECT COSTS</b> (SF 424A Object Class Category 6j. Indirect Charges)		
Costs which can't be readily identified and charged to a particular project, such as building rent, utilities, miscellaneous office supplies, etc. Such costs are usually charged to the project as a percentage of some or all of the Direct Costs (Items I above). This percentage is called the Indirect Cost Rate.		
<u>Note:</u> If your organization has a negotiated indirect cost rate agreement (NICRA) with a federal agency, please use that rate and submit a copy with your application. If your organization has no NICRA, the BLM Grants Management Officer may allow an indirect cost rate of 10% of the base modified total direct costs (MTDC). MTDC is all salaries and wages, fringe benefits, materials and supplies, services, travel, and subgrants and subcontracts up to the first \$25,000 of each. Use the Narrative box below to explain how you calculated your indirect costs.		
Base amount for this Grant: (Total Direct Costs, Total Labor Costs, MTDC, etc.)	\$21,339	
Rate to be used on this Grant (%):	17.16%	
	<b>Matching Funds</b> (if applicable)	<b>BLM Funds</b>
<b>J) TOTAL INDIRECT COSTS:</b>	\$ -	\$ 3,661.00
(SF-424A Object Class Category 6j. Indirect Charges)		
<u>Narrative :</u> ACE is covering significant expenses to assure that the project can be accomplished for the funding allocation permitted under this request for proposals.		

<b>K) TOTALS</b> (SF 424A Object Class Category 6k. TOTALS)		
The sum total of Direct and Indirect Costs (Sum of 6i. & 6j.) applicable to this agreement.		
	<b>Matching Funds (if applicable)</b>	<b>BLM Funds</b>
<b>K) TOTAL COSTS:</b>		
(SF-424A Object Class Category 6k. TOTALS)	<b>\$ 10,278.40</b>	<b>\$ 25,000.00</b>
<p>By signing below, I certify that to the best of my knowledge the costs detailed above are correct and complete and for the purposes set forth in the application for Federal Assistance.</p>		
		
<i>Signature</i> <u>Shane Barrow, National Internship Director, ACE EPIC</u>		
<i>Date:</i>		<u>2/2/17</u>
<i>Printed Name &amp; Title of Person Completing Budget</i>		

<b>Application for Federal Assistance SF-424</b>				OMB Number: 4040 0004 Expiration Date: 8/31/2016	
<b>1. Type of Submission:</b>  <input type="checkbox"/> Preapplication <input checked="" type="checkbox"/> Application <input type="checkbox"/> Changed/Corrected Application		<b>2. Type of Application</b> *If Revision, select appropriate letter(s) <div style="border: 1px solid black; height: 15px; width: 100%;"></div> <input checked="" type="checkbox"/> New <input type="checkbox"/> Continuation      * Other (Specify) <input type="checkbox"/> Revision <div style="border: 1px solid black; height: 15px; width: 100%;"></div>			
<b>3. Date Received:</b>  <div style="border: 1px solid black; text-align: center; padding: 2px;">2/2/17</div>		<b>4. Applicant Identifier:</b>  <div style="border: 1px solid black; text-align: center; padding: 2px;">EPIC 2017 033</div>			
<b>5a. Federal Entity Identifier:</b>  <div style="border: 1px solid black; height: 15px; width: 100%;"></div>		<b>5b. Federal Award Identifier:</b>  <div style="border: 1px solid black; text-align: center; padding: 2px;">L17AS00001</div>			
State Use Only:					
<b>6. Date Received by State</b>		<b>7. State Application Identifier</b>			
<b>8. Applicant Information</b>					
<b>a. Legal Name</b> American Conservation Experience					
<b>b. Employer / Taxpayer Identifier Number (EIN/TiN):</b>  <div style="border: 1px solid black; text-align: center; padding: 2px;">37 1473291</div>				<b>c. Organizational DUNS:</b>  <div style="border: 1px solid black; text-align: center; padding: 2px;">1453726160000</div>	
<b>d. Address:</b>					
Street1	2900 North Fort Valley Rd				
Street2					
City:	Flagstaff				
County/Parish:					
State:	AZ: Arizona				
Province:					
Country:	USA: United States				
Zip / Postal Code	86001 8310				
<b>e. Organizational Unit:</b>					
<b>Department Name:</b>			<b>Division Name:</b>		
ACE EPIC Program					
<b>f. Name and contact information of person to be contacted on matters involving this application:</b>					
Prefix:	First Name:	Shane			
	Middle Name:				
	Last Name:	Barrow			
Suffix:					
Title:	National Internship Director				
Organizational Affiliation:		American Conservation Experience			
Telephone Number:	801 946 2722	Fax Number:	866 604 9307		
Email:	sbarrow@usaconservation.org				



<b>Application for Federal Assistance SF-424</b>	
9. Type of Applicant 1:	M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Learning)
Type of Applicant 2:	
Type of Applicant 3:	
Other (specify):	
10. Name of Federal Agency	
Bureau of Land Management	
11. Catalog of Federal Domestic Assistance Number:	15.231
CFDA Title:	Fish, Wildlife and Plant Conservation Resource Management
12. Funding Opportunity Number:	L17AS00001
Title:	BLM FY2017 Bureau wide National Conservation Lands Scientific Studies Support Program
13. Competition Identification Number:	
Title:	
14. Areas Affected by Project (Cities, Counties, States, etc.):	
BLM Green River District near Price, UT	
15. Descriptive Title of Applicants Project:	
Travel and Transportation Routes Inventory and Monitoring Green River District	

<b>Application for Federal Assistance SF-424</b>			
16. Congressional District of:			
a. Applicant	AZ01	b. Program / Project	UT03
17. Proposed Project:			
a. Start Date	4/1/17	b. End Date:	3/31/22
18. Estimated Funding (\$):			
a. Federal	\$	25,000.00	
b. Applicant	\$	10,278.40	
c. State	\$		
d. Local	\$		
e. Other	\$		
f. Program Income	\$		
<b>g. TOTAL</b>	<b>\$</b>	<b>35,278.40</b>	
19. Is Application Subject to Review By State Under Executive Order 12372 Process?			
<input type="checkbox"/> a. This application was made available to the State under Executive Order 12372 Process for review on			
<input type="checkbox"/> b. Program is subject to E.O. 12372 but has not been selected by the State for review			
<input checked="" type="checkbox"/> c. Program is not covered by E.O. 12372.			
20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes", provide explanation in attachment.)			
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
If "Yes", provide explanation and attach			
21. *By signing this application, I certify (1) to the statements contained in the list of certifications** and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 218, Section 1001)			
<input checked="" type="checkbox"/> ** I AGREE      ** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency			
<b>Authorized Representative:</b>			
Prefix:	First Name:	Shane	
	Middle Name:		
	Last Name:	Barrow	
Suffix:			
Title:			
Telephone Number:	801 946 2722	Fax Number:	866 604 9307
Email:	sbarrow@usaconservation.org		
Signature of Authorized Representative:			Date: 2 Feb 17

BUDGET INFORMATION - Non-Construction Programs SF-424A						OMB Number: 4040-0006
						Expiration Date: 06/30/2014
SECTION A - BUDGET SUMMARY						
Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
ACE Interns	15.231	\$ -	\$ -	\$ 25,000.00	\$ 10,278.40	\$ 35,278.40
		\$ -	\$ -	\$ -	\$ -	\$ -
		\$ -	\$ -	\$ -	\$ -	\$ -
		\$ -	\$ -	\$ -	\$ -	\$ -
5. Totals		\$ -	\$ -	\$ 25,000.00	\$ 10,278.40	\$ 35,278.40

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BUDGET INFORMATION - Non-Construction Programs SF-424A					
SECTION B - BUDGET CATEGORIES					Total (5)
6. Object Class Categories	GRANT PROGRAM, FUNCTION, OR ACTIVITY				
	(1) ACE Interns	(2) 0	(3) 0	(4) 0	
a. Personnel	\$ 7,600.00	\$ -	\$ -	\$ -	\$ 7,600.00
b. Fringe Benefits	\$ 1,564.00	\$ -	\$ -	\$ -	\$ 1,564.00
c. Travel	\$ 9,600.00	\$ -	\$ -	\$ -	\$ 9,600.00
d. Equipment	\$ -	\$ -	\$ -	\$ -	\$ -
e. Supplies	\$ 2,500.00	\$ -	\$ -	\$ -	\$ 2,500.00
f. Contractual	\$ -	\$ -	\$ -	\$ -	\$ -
g. Construction	\$ -	\$ -	\$ -	\$ -	\$ -
h. Other	\$ 75.00	\$ -	\$ -	\$ -	\$ 75.00
i. Total Direct Charges (Sum of 6a-6h)	\$ 21,339.00	\$ -	\$ -	\$ -	\$ 21,339.00
j. Indirect Charges	\$ 3,661.00	\$ -	\$ -	\$ -	\$ 3,661.00
k. TOTALS (sum of 6i and 6j)	\$ 25,000.00	\$ -	\$ -	\$ -	\$ 25,000.00
7. Program Income					

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BUDGET INFORMATION - Non-Construction Programs SF-424A					
SECTION C - NON-FEDERAL RESOURCES					
(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e) TOTALS	
8.ACE Interns	\$ 10,278.40	\$ -	\$ -	\$ 10,278.40	
9.	\$ -	\$ -	\$ -	\$ -	
10.	\$ -	\$ -	\$ -	\$ -	
11.	\$ -	\$ -	\$ -	\$ -	
12. TOTAL (sum of lines 8-11)	\$ 10,278.40	\$ -	\$ -	\$ 10,278.40	
SECTION D - FORECASTED CASH NEEDS					
	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	\$ 25,000.00	\$ -	\$ -	\$ -	\$ -
14. Non-Federal	\$ -	\$ -	\$ -	\$ -	\$ -
15. TOTAL (sum of lines 13 and 14)	\$ 25,000.00	\$ -	\$ -	\$ -	\$ -
SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT					
(a) Grant Program	FUTURE FUNDING PERIODS (YEARS)				
	(b) First	(c) Second	(d) Third	(e) Fourth	
16.ACE Interns	\$ -	\$ -	\$ -	\$ -	
17.	\$ -	\$ -	\$ -	\$ -	
18.	\$ -	\$ -	\$ -	\$ -	
19.	\$ -	\$ -	\$ -	\$ -	
20. TOTAL (sum of lines 16-19)	\$ -	\$ -	\$ -	\$ -	
SECTION F - OTHER BUDGET INFORMATION					
21. Direct Charges	\$ 21,339.00	22. Indirect Charges	\$ 3,661.00	NICRA 17.16%	
23. Remarks	Interns = 1; Weeks = 16; LA = \$300/wk; Invoice Rate = \$575/wk; ACE Vehicle = \$450/wk * 16 wks; Housing = \$150/wk * 16 wks; Tech Development Director = \$70/hr * 40 hrs; Drone Equipment = \$2,500 Standard Form 424A (Rev. 7-97) Prescribed by OMB (Circular A-102) Page 2				

**ASSURANCES - NON-CONSTRUCTION PROGRAMS**

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1. Has the legal authority to apply for Federal assistance and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project cost) to ensure proper planning, management and completion of the project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the award; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
4. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
5. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§4728-4763) relating to prescribed standards for merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
6. Will comply with all Federal statutes relating to nondiscrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. §794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. §§290 dd-3 and 290 ee-3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. §§3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and, (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.
7. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal or federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
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9. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§276a to 276a-7), the Copeland Act (40 U.S.C. §276c and 18 U.S.C. §874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§327-333), regarding labor standards for federally-assisted construction subagreements.
10. Will comply, if applicable, with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
11. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§1451 et seq.); (f) conformity of Federal actions to State (Clean Air) Implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. §§7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).
12. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
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14. Will comply with P.L. 93-348 regarding the protection of human subjects involved in research, development, and related activities supported by this award of assistance.
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SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL 	TITLE National Internship Director
APPLICANT NAME American Conservation Experience	DATE SUBMITTED February 2, 2017

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## Key Contacts Form

**\* Applicant Organization Name:**

American Conservation Experience

Enter the individual's role on the project (e.g., project manager, fiscal contact).

**\* Contact 1 Project Role:** Federal Grants and Finance Manager

Prefix:

**\* First Name:** Annie

Middle Name:

**\* Last Name:** Meltzer

Suffix:

Title:

Organizational Affiliation:

**\* Street1:** 623 East 2100 South Suite #B1

Street2:

**\* City:** Salt Lake City

County:

**\* State:** UT: Utah

Province:

**\* Country:** USA: UNITED STATES**\* Zip / Postal Code:** 84106**\* Telephone Number:** 385 249 0823

Fax:

**\* Email:** ameltzer@usaconservation.org



## Key Contacts Form

**\* Applicant Organization Name:**

American Conservation Experience

Enter the individual's role on the project (e.g., project manager, fiscal contact).

**\* Contact 2 Project Role:** National Program Manager, BLM

Prefix:

\* First Name: Kelly

Middle Name:

\* Last Name: Barrett

Suffix:

Title:

Organizational Affiliation:

\* Street1: 623 East 2100 South Suite #B1

Street2:

\* City: Salt Lake City

County:

\* State: UT: Utah

Province:

\* Country: USA: UNITED STATES

\* Zip / Postal Code: 84106

\* Telephone Number: 385 272 0472

Fax:

\* Email: kbarrett@usaconservation.org

## Key Contacts Form

**\* Applicant Organization Name:**

American Conservation Experience

Enter the individual's role on the project (e.g., project manager, fiscal contact).

**\* Contact 3 Project Role:** National Internship Manager

Prefix:

**\* First Name:** Shane

Middle Name:

**\* Last Name:** Barrow

Suffix:

Title:

Organizational Affiliation:

**\* Street1:** 623 East 2100 South Suite #B1

Street2:

**\* City:** Salt Lake City

County:

**\* State:** UT: Utah

Province:

**\* Country:** USA: UNITED STATES**\* Zip / Postal Code:** 84106**\* Telephone Number:** 801 946 2722

Fax:

**\* Email:** sbarrow@usaconservation.org

## Project Narrative File(s)

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\* Mandatory Project Narrative File Filename:

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<b>SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL</b>	<b>TITLE</b>
Chris Baker	National Internship Director
<b>APPLICANT ORGANIZATION</b>	<b>DATE SUBMITTED</b>
American Conservation Experience	02/02/2017

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DOI-2021-02 00226

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15. Will comply with the Laboratory Animal Welfare Act of 1966 (P.L. 89-544, as amended, 7 U.S.C. §§2131 et seq.) pertaining to the care, handling, and treatment of warm blooded animals held for research, teaching, or other activities supported by this award of assistance.
16. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.
17. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-133, "Audits of States, Local Governments, and Non-Profit Organizations."
18. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.
19. Will comply with the requirements of Section 106(g) of the Trafficking Victims Protection Act (TVPA) of 2000, as amended (22 U.S.C. 7104) which prohibits grant award recipients or a sub-recipient from (1) Engaging in severe forms of trafficking in persons during the period of time that the award is in effect (2) Procuring a commercial sex act during the period of time that the award is in effect or (3) Using forced labor in the performance of the award or subawards under the award.

<b>SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL</b>	<b>TITLE</b>
Chris Baker	National Internship Director
<b>APPLICANT ORGANIZATION</b>	<b>DATE SUBMITTED</b>
American Conservation Experience	02/02/2017

Standard Form 424B (Rev. 7-97) Back



## Budget Narrative File(s)

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\* **Mandatory Budget Narrative Filename:**

[Add Mandatory Budget Narrative](#)

[Delete Mandatory Budget Narrative](#)

[View Mandatory Budget Narrative](#)

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To add more Budget Narrative attachments, please use the attachment buttons below.

[Add Optional Budget Narrative](#)

[Delete Optional Budget Narrative](#)

[View Optional Budget Narrative](#)

## Budget Narrative File(s)

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\* **Mandatory Budget Narrative Filename:**

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[View Mandatory Budget Narrative](#)

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To add more Budget Narrative attachments, please use the attachment buttons below.

[Add Optional Budget Narrative](#)

[Delete Optional Budget Narrative](#)

[View Optional Budget Narrative](#)

CERTIFICATION REGARDING LOBBYING

Certification for Contracts Grants Loans and Cooperative Agreements

The undersigned certifies to the best of his or her knowledge and belief that

(1) No Federal appropriated funds have been paid or will be paid by or on behalf of the undersigned to any person for influencing or attempting to influence an officer or employee of an agency a Member of Congress an officer or employee of Congress or an employee of a Member of Congress in connection with the awarding of any Federal contract the making of any Federal grant the making of any Federal loan the entering into of any cooperative agreement and the extension continuation renewal amendment or modification of any Federal contract grant loan or cooperative agreement

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency a Member of Congress an officer or employee of Congress or an employee of a Member of Congress in connection with this Federal contract grant loan or cooperative agreement the undersigned shall complete and submit Standard Form-LLL "Disclosure of Lobbying Activities " in accordance with its instructions

(3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts subgrants and contracts under grants loans and cooperative agreements) and that all subrecipients shall certify and disclose accordingly This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352 title 31 U S Code Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10 000 and not more than \$100 000 for each such failure

Statement for Loan Guarantees and Loan Insurance

The undersigned states to the best of his or her knowledge and belief that

If any funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency a Member of Congress an officer or employee of Congress or an employee of a Member of Congress in connection with this commitment providing for the United States to insure or guarantee a loan the undersigned shall complete and submit Standard Form-LLL "Disclosure of Lobbying Activities " in accordance with its instructions Submission of this statement is a prerequisite for making or entering into this transaction imposed by section 1352 title 31 U S Code Any person who fails to file the required statement shall be subject to a civil penalty of not less than \$10 000 and not more than \$100 000 for each such failure

* APPL CANT'S ORGAN ZAT ON			
American Conservation Experience			
* PR NTED NAME AND T TLE OF AUTHOR ZED REPRESENTAT VE			
Prefix	* First Name	Middle Name	
	Shane		
* Last Name	Suffix		
Barrow			
* Title			
National Internship Director			
* S GNATURE		* DATE	
Chris Baker			02/02/2017



# Bureau of Land Management

Utah State Office  
Grants & Cooperative Agreements



## BUDGET DETAIL

EPIC 2017 031

**Instructions:** Starting with the same budget amounts as listed on the SF-424A Budget Information form, use this worksheet to show details of the estimated costs. Provide enough information that costs may be analyzed for reasonableness as compared to costs or work of similar size and scope. Use the Narrative boxes as necessary to explain each cost.

Agreement or Funding Opportunity No.: L17AS00001 Date: 2-Feb-17

Organization Name: American Conservation Experience

Project Title: WSA Monitoring - WildSnap - Development

### A) PERSONNEL (SF 424A Object Class Category 6a.)

*The cost of salaries & wages, not including fringe benefits, paid to Recipient employees working directly on this agreement. Indicate Key Personnel with an asterisk (\*). Provide more detail in the Narrative Box if needed.*

Name & Title or Position Title	No. of Personnel	Salary or Wage	Hours, Days, Weeks, Months, or Other	Matching Funds (if applicable)	BLM Funds
Software Development Lead	1	\$70/hour	150	\$ -	\$ 10,500.00
Software Integration Intern	1	\$25/hour	125	\$ -	\$ 3,125.00
Position 3	0	\$0/	0	\$ -	\$ -
Position 4	0	\$0/	0	\$ -	\$ -
Position 5	0	\$0/	0	\$ -	\$ -
Position 6	0	\$0/	0	\$ -	\$ -
Position 7	0	\$0/	0	\$ -	\$ -
A) TOTAL PERSONNEL COSTS:				\$ -	\$ 13,625.00
(SF-424A Object Class Category 6a. Personnel)					

**Narrative :** One Software Development Lead will contribute 150 hours of time at \$70/hour and one Software Integration Intern will contribute 125 hours at \$25/hour to develop the WSA monitoring app WildSnap.

**B) FRINGE BENEFITS** (SF 424A Object Class Category 6b.)

*The cost of fringe benefits, such as FICA, workers comp, state payroll taxes, etc., paid to Recipient employees working on this agreement. List employees or positions below, and their fringe benefit rates as percentages of their salaries. List what are included as fringe benefits in the Narrative Box.*

Name & Title/Position	Salary/Wage Base	Fringe Benefit Rate (%)	Matching Funds (if applicable)	BLM Funds
	(BLM Amounts budgeted in Section A above)			
Software Development Lead	\$ 10,500.00	18%	\$ -	\$ 1,890.00
Software Integration Intern	\$ 3,125.00	18%	\$ -	\$ 562.50
Position 3	\$ -	18%	\$ -	\$ -
Position 4	\$ -	18%	\$ -	\$ -
Position 5	\$ -	18%	\$ -	\$ -
Position 6	\$ -	18%	\$ -	\$ -
Position 7	\$ -	18%	\$ -	\$ -
B) TOTAL FRINGE BENEFIT COSTS:			\$ -	\$ 2,452.50
(SF-424A Object Class Category 6b. Fringe Benefits)				

Narrative : Fringe rate calculation covers all liability, workers compensation, vehicle, payroll insurance, FICA, Social Security and Medicare expenses associated.

C) TRAVEL (SF 424A Object Class Category 6c.)					
<u>LODGING &amp; PER DIEM</u> The cost of lodging & meals while travelling for agreement activities. Give details and purpose of the travel in the Narrative Box. Current Federal rates may be found online at: <a href="http://www.gsa.gov/portal/category/21287">http://www.gsa.gov/portal/category/21287</a> .					
Proposed Travel, Lodging & Per Diem	No. of People	No. of days	Cost Per Person	Matching Funds (if applicable)	BLM Funds
To:					
From:					
To:					
From:					
To:					
From:					
To:					
From:					
<u>MILEAGE REIMBURSEMENT</u> The cost of reimbursement for estimated mileage traveled for agreement activities. Give details and the purpose of the travel in the Narrative Box. Current Federal mileage reimbursement rates may be found online at: <a href="http://www.GSA.gov">www.GSA.gov</a> .					
Proposed Travel, Lodging & Per Diem	No. of Miles	No. of Trips	Cost Per Mile	Matching Funds (if applicable)	BLM Funds
To:					
From:					
To:					
From:					
To:					
From:					
To:					
From:					
<u>OTHER TRAVEL COSTS</u> - The costs of airfare, bus fare, car rental, etc., required for agreement activities. Explain the details and the purpose of the costs in the Narrative Box.					
Proposed Other Travel Reimbursement	Type	Cost	No.	Matching Funds (if applicable)	BLM Funds
To:	Intern 1				
From:	Transportation Stipend	\$ -			\$ -
To:	Intern 2				
From:	Transportation Stipend	\$ -			\$ -
To:	Intern 3				
From:	Transportation Stipend	\$ -			\$ -
To:	Intern 4				
From:	Transportation Stipend	\$ -			\$ -
<b>C) TOTAL TRAVEL COSTS:</b>					
(SF-424A Object Class Category 6c. Travel)				\$ -	\$ -
<u>Narrative</u> : N/A					

<b>D) EQUIPMENT</b> (SF 424A Object Class Category 6d. Equipment)				
The cost of equipment (items with a useful life of more than one (1) year and a cost of \$5,000+ per unit). Explain the need and purpose of the equipment in the Narrative box below.				
Equipment	Quantity	Cost per Unit	Matching Funds (if applicable)	BLM Funds
Equipment 1 Description	0	\$0.00	\$ -	\$ -
Equipment 2 Description	0	\$0.00	\$ -	\$ -
Equipment 3 Description	0	\$0.00	\$ -	\$ -
<b>D) TOTAL EQUIPMENT COSTS:</b>				
(SF-424A Object Class Category 6d. Equipment)			\$ -	\$ -
<u>Narrative</u> : N/A				

<b>E) SUPPLIES</b> (SF 424A Object Class Category 6e. Supplies)				
The cost of materials and supplies used directly on this project, such as safety glasses, work gloves, office supplies, etc. Explain the details and purpose in the Narrative box below.				
Item	Quantity	Cost per Unit	Matching Funds (if applicable)	BLM Funds
Uniform	0	\$75.00	\$ -	\$ -
Nametag	0	\$8.00	\$ -	\$ -
iPad Equipment	2	\$1,000.00	\$ -	\$ 2,000.00
Supply 4 Description	0	\$0.00	\$ -	\$ -
Supply 5 Description	0	\$0.00	\$ -	\$ -
<b>E) SUPPLIES COST TOTAL:</b>				
(SF-424A Object Class Category 6e. Supplies)			\$ -	\$ 2,000.00
<u>Narrative</u> : ACE will provide two complete iPad setups for this project, including all software, cases, batteries and chargers.				


<b>F) CONTRACTUAL</b> (SF 424A Object Class Category 6f. Contractual)			
The cost of contracted services and/or sub-recipient agreements. Provide names and explain the details and purpose of the costs in the Narrative box below. <u>NOTE</u> : Contracts must be competed per the Uniform Administrative Rules.			
Contractor Name, Type, etc.	Cost	Matching Funds (if applicable)	BLM Funds
<b>F) CONTRACTUAL COST TOTAL:</b>		<b>\$</b>	<b>-</b>
(SF-424A Object Class Category 6f. Contractual)			
<i>Narrative</i> : N/A			

<b>G) CONSTRUCTION COSTS</b> (SF 424A Object Class Category 6g. Construction)			
The cost of construction.			
Contractor: Name/Type/Organization/Etc.	Cost	Matching Funds (if applicable)	BLM Funds
*** <b>NOT APPLICABLE</b> ***			
<b>G) CONSTRUCTION COST TOTAL:</b>		<b>\$ N/A</b>	<b>\$ N/A</b>
(SF-424A Object Class Category 6g. Construction)			
<i>Narrative</i> : N/A			




<b>H) OTHER</b> (SF 424A Object Class Category 6h. Other)			
Costs that don't fit any other Object Class Category, such as duplicating and printing, postage and freight, rented equipment, etc. Explain the details and purpose in the Narrative box below.			
Item	Cost	Matching Funds (if applicable)	BLM Funds
Software Development	\$ -	\$ -	\$ -
Background Check	\$ -	\$ -	\$ -
Other 3 Description	\$ -	\$ -	\$ -
Other 4 Description	\$ -	\$ -	\$ -
Other 5 Description	\$ -	\$ -	\$ -
Other 6 Description	\$ -	\$ -	\$ -
Other 7 Description	\$ -	\$ -	\$ -
Other 8 Description	\$ -	\$ -	\$ -
Other 9 Description	\$ -	\$ -	\$ -
Other 10 Description	\$ -	\$ -	\$ -
<b>H) OTHER COSTS TOTAL:</b>		\$ -	\$ -
(SF-424A Object Class Category 6h. Other)			
<u>Narrative</u> : N/A			

<b>I) TOTAL DIRECT CHARGES</b> (SF 424A Object Class Category 6i. Sum of 6a. 6h.)		
The total of all direct costs applicable to this project.		
	<b>Matching Funds</b> (if applicable)	<b>BLM Funds</b>
<b>I) TOTAL DIRECT COSTS:</b>	\$ -	\$ 18,077.50
(SF-424A Object Class Category 6i. Total, Sum of 6a.-6h.)		
<b>J) INDIRECT COSTS</b> (SF 424A Object Class Category 6j. Indirect Charges)		
Costs which can't be readily identified and charged to a particular project, such as building rent, utilities, miscellaneous office supplies, etc. Such costs are usually charged to the project as a percentage of some or all of the Direct Costs (Items I above). This percentage is called the Indirect Cost Rate.		
<u>Note:</u> If your organization has a negotiated indirect cost rate agreement (NICRA) with a federal agency, please use that rate and submit a copy with your application. If your organization has no NICRA, the BLM Grants Management Officer may allow an indirect cost rate of 10% of the base modified total direct costs (MTDC). MTDC is all salaries and wages, fringe benefits, materials and supplies, services, travel, and subgrants and subcontracts up to the first \$25,000 of each. Use the Narrative box below to explain how you calculated your indirect costs.		
Base amount for this Grant: (Total Direct Costs, Total Labor Costs, MTDC, etc.)	\$18,078	
Rate to be used on this Grant (%):	38.29%	
	<b>Matching Funds</b> (if applicable)	<b>BLM Funds</b>
<b>J) TOTAL INDIRECT COSTS:</b>	\$ -	\$ 6,922.50
(SF-424A Object Class Category 6j. Indirect Charges)		
<u>Narrative :</u> ACE is covering significant expenses to assure that the project can be accomplished for the funding allocation permitted under this request for proposals.		

<b>K) TOTALS</b> (SF 424A Object Class Category 6k. TOTALS)		
The sum total of Direct and Indirect Costs (Sum of 6i. & 6j.) applicable to this agreement.		
	<b>Matching Funds (if applicable)</b>	<b>BLM Funds</b>
<b>K) TOTAL COSTS:</b>		
(SF-424A Object Class Category 6k. TOTALS)	\$ -	\$ 25,000.00
By signing below, I certify that to the best of my knowledge the costs detailed above are correct and complete and for the purposes set forth in the application for Federal Assistance.		
		
<i>Signature</i> Shane Barrow, National Internship Director, ACE EPIC		Date: 2/2/17
<i>Printed Name &amp; Title of Person Completing Budget</i>		

<b>Application for Federal Assistance SF-424</b>				OMB Number: 4040 0004 Expiration Date: 8/31/2016																	
<b>1. Type of Submission:</b>  <input type="checkbox"/> Preapplication <input checked="" type="checkbox"/> Application <input type="checkbox"/> Changed/Corrected Application		<b>2. Type of Application</b> *If Revision, select appropriate letter(s) <div style="border: 1px solid black; height: 15px; width: 100%;"></div> <input checked="" type="checkbox"/> New <input type="checkbox"/> Continuation      * Other (Specify) <input type="checkbox"/> Revision <div style="border: 1px solid black; height: 15px; width: 100%;"></div>																			
<b>3. Date Received:</b>  <div style="border: 1px solid black; text-align: center; padding: 2px;">2/2/17</div>		<b>4. Applicant Identifier:</b>  <div style="border: 1px solid black; text-align: center; padding: 2px;">EPIC 2017 031</div>																			
<b>5a. Federal Entity Identifier:</b>  <div style="border: 1px solid black; height: 15px; width: 100%;"></div>		<b>5b. Federal Award Identifier:</b>  <div style="border: 1px solid black; text-align: center; padding: 2px;">L17AS00001</div>																			
State Use Only:																					
<b>6. Date Received by State</b>			<b>7. State Application Identifier</b>																		
<b>8. Applicant Information</b>																					
<b>a. Legal Name</b> American Conservation Experience																					
<b>b. Employer / Taxpayer Identifier Number (EIN/TiN):</b>  <div style="border: 1px solid black; text-align: center; padding: 2px;">37 1473291</div>				<b>c. Organizational DUNS:</b>  <div style="border: 1px solid black; text-align: center; padding: 2px;">1453726160000</div>																	
<b>d. Address:</b>  <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%; border-right: 1px solid black; padding: 2px;">Street1</td> <td style="padding: 2px;">2900 North Fort Valley Rd</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;">Street2</td> <td style="padding: 2px;"></td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;">City:</td> <td style="padding: 2px;">Flagstaff</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;">County/Parish:</td> <td style="padding: 2px;"></td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;">State:</td> <td style="padding: 2px;">AZ: Arizona</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;">Province:</td> <td style="padding: 2px;"></td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;">Country:</td> <td style="padding: 2px;">USA: United States</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;">Zip / Postal Code</td> <td style="padding: 2px;">86001 8310</td> </tr> </table>						Street1	2900 North Fort Valley Rd	Street2		City:	Flagstaff	County/Parish:		State:	AZ: Arizona	Province:		Country:	USA: United States	Zip / Postal Code	86001 8310
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<b>e. Organizational Unit:</b>  <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border-right: 1px solid black; padding: 2px;"><b>Department Name:</b></td> <td style="padding: 2px;"><b>Division Name:</b></td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;">ACE EPIC Program</td> <td style="padding: 2px;"></td> </tr> </table>						<b>Department Name:</b>	<b>Division Name:</b>	ACE EPIC Program													
<b>Department Name:</b>	<b>Division Name:</b>																				
ACE EPIC Program																					
<b>f. Name and contact information of person to be contacted on matters involving this application:</b>  <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%; padding: 2px;"><b>Prefix:</b></td> <td style="width: 20%; padding: 2px;"><b>First Name:</b></td> <td style="width: 60%; padding: 2px;">Shane</td> </tr> <tr> <td style="padding: 2px;"></td> <td style="padding: 2px;"><b>Middle Name:</b></td> <td style="padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;"></td> <td style="padding: 2px;"><b>Last Name:</b></td> <td style="padding: 2px;">Barrow</td> </tr> <tr> <td colspan="3" style="padding: 2px;"><b>Suffix:</b></td> </tr> </table>						<b>Prefix:</b>	<b>First Name:</b>	Shane		<b>Middle Name:</b>			<b>Last Name:</b>	Barrow	<b>Suffix:</b>						
<b>Prefix:</b>	<b>First Name:</b>	Shane																			
	<b>Middle Name:</b>																				
	<b>Last Name:</b>	Barrow																			
<b>Suffix:</b>																					
<b>Title:</b>		National Internship Director																			
<b>Organizational Affiliation:</b>		American Conservation Experience																			
<b>Telephone Number:</b>		801 946 2722		<b>Fax Number:</b>																	
866 604 9307																					
<b>Email:</b>		sbarrow@usaconservation.org																			

<b>Application for Federal Assistance SF-424</b>	
9. Type of Applicant 1:	M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Learning)
Type of Applicant 2:	
Type of Applicant 3:	
Other (specify):	
10. Name of Federal Agency	
Bureau of Land Management	
11. Catalog of Federal Domestic Assistance Number:	15.231
CFDA Title:	Fish, Wildlife and Plant Conservation Resource Management
12. Funding Opportunity Number:	L17AS00001
Title:	BLM FY2017 Bureau wide National Conservation Lands Scientific Studies Support Program
13. Competition Identification Number:	
Title:	
14. Areas Affected by Project (Cities, Counties, States, etc.):	
Salt Lake City, UT area	
15. Descriptive Title of Applicants Project:	
WSA Monitoring WildSnap Development	

<b>Application for Federal Assistance SF-424</b>			
16. Congressional District of:			
a. Applicant	AZ01	b. Program / Project	UT01
17. Proposed Project:			
a. Start Date	4/1/17	b. End Date:	3/31/22
18. Estimated Funding (\$):			
a. Federal	\$	25,000.00	
b. Applicant	\$		
c. State	\$		
d. Local	\$		
e. Other	\$		
f. Program Income	\$		
<b>g. TOTAL</b>	<b>\$</b>	<b>25,000.00</b>	
19. Is Application Subject to Review By State Under Executive Order 12372 Process?			
<input type="checkbox"/> a. This application was made available to the State under Executive Order 12372 Process for review on			
<input type="checkbox"/> b. Program is subject to E.O. 12372 but has not been selected by the State for review			
<input checked="" type="checkbox"/> c. Program is not covered by E.O. 12372.			
20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes", provide explanation in attachment.)			
<input type="checkbox"/> Yes		<input checked="" type="checkbox"/> No	
If "Yes", provide explanation and attach			
21. *By signing this application, I certify (1) to the statements contained in the list of certifications** and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 218, Section 1001)			
<input checked="" type="checkbox"/> ** I AGREE		** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency	
<b>Authorized Representative:</b>			
Prefix:	First Name:	Shane	
	Middle Name:		
	Last Name:	Barrow	
Suffix:			
Title:			
Telephone Number:	801 946 2722	Fax Number:	866 604 9307
Email:	sbarrow@usaconservation.org		
Signature of Authorized Representative:			Date: <span style="border: 1px solid black; padding: 2px;">2 Feb 17</span>

BUDGET INFORMATION - Non-Construction Programs SF-424A						OMB Number: 4040-0006 Expiration Date: 06/30/2014	
SECTION A - BUDGET SUMMARY							
Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget			
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)	
ACE Interns	15,231	\$ -	\$ -	\$ 25,000.00	\$ -	\$ 25,000.00	
		\$ -	\$ -	\$ -	\$ -	\$ -	
		\$ -	\$ -	\$ -	\$ -	\$ -	
		\$ -	\$ -	\$ -	\$ -	\$ -	
5. Totals		\$ -	\$ -	\$ 25,000.00	\$ -	\$ 25,000.00	

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Prescribed by OMB (Circular A -102) Page 1

BUDGET INFORMATION - Non-Construction Programs SF-424A					
SECTION B - BUDGET CATEGORIES					Total (5)
6. Object Class Categories	GRANT PROGRAM, FUNCTION, OR ACTIVITY				
	(1) ACE Interns	(2) 0	(3) 0	(4) 0	
a. Personnel	\$ 13,625.00	\$ -	\$ -	\$ -	\$ 13,625.00
b. Fringe Benefits	\$ 2,452.50	\$ -	\$ -	\$ -	\$ 2,452.50
c. Travel	\$ -	\$ -	\$ -	\$ -	\$ -
d. Equipment	\$ -	\$ -	\$ -	\$ -	\$ -
e. Supplies	\$ 2,000.00	\$ -	\$ -	\$ -	\$ 2,000.00
f. Contractual	\$ -	\$ -	\$ -	\$ -	\$ -
g. Construction	\$ -	\$ -	\$ -	\$ -	\$ -
h. Other	\$ -	\$ -	\$ -	\$ -	\$ -
i. Total Direct Charges (Sum of 6a-6h)	\$ 18,077.50	\$ -	\$ -	\$ -	\$ 18,077.50
j. Indirect Charges	\$ 6,922.50	\$ -	\$ -	\$ -	\$ 6,922.50
k. TOTALS (sum of 6i and 6j)	\$ 25,000.00	\$ -	\$ -	\$ -	\$ 25,000.00
7. Program Income					
<div style="text-align: right;">Standard Form 424A (Rev. 7-97) Prescribed by OMB (Circular A -102) Page 1A</div>					



BUDGET INFORMATION - Non-Construction Programs SF-424A					
SECTION C - NON-FEDERAL RESOURCES					
(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e) TOTALS	
8. ACE Interns	\$ -	\$ -	\$ -	\$ -	
9.	\$ -	\$ -	\$ -	\$ -	
10.	\$ -	\$ -	\$ -	\$ -	
11.	\$ -	\$ -	\$ -	\$ -	
12. TOTAL (sum of lines 8-11)	\$ -	\$ -	\$ -	\$ -	
SECTION D - FORECASTED CASH NEEDS					
	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	\$ 25,000.00	\$ -	\$ -	\$ -	\$ -
14. Non-Federal	\$ -	\$ -	\$ -	\$ -	\$ -
15. TOTAL (sum of lines 13 and 14)	\$ 25,000.00	\$ -	\$ -	\$ -	\$ -
SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT					
(a) Grant Program	FUTURE FUNDING PERIODS (YEARS)				
	(b) First	(c) Second	(d) Third	(e) Fourth	
16. ACE Interns	\$ -	\$ -	\$ -	\$ -	
17.	\$ -	\$ -	\$ -	\$ -	
18.	\$ -	\$ -	\$ -	\$ -	
19.	\$ -	\$ -	\$ -	\$ -	
20. TOTAL (sum of lines 16-19)	\$ -	\$ -	\$ -	\$ -	
SECTION F - OTHER BUDGET INFORMATION					
21. Direct Charges	\$ 18,077.50	22. Indirect Charges	\$ 6,922.50	NICRA	38.29%
23. Remarks	One Software Development Lead : \$70/hr, 150 hours; One Software Implementation intern : \$25/hr, 125 hours. Two iPad equipment setups = \$2,000 (\$1,000 * 2) Standard Form 424A (Rev. 7- 97) Prescribed by OMB (Circular A -102) Page 2				

**ASSURANCES - NON-CONSTRUCTION PROGRAMS**

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0040), Washington, DC 20503.


**PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.**

**NOTE:** Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the awarding agency. Further, certain Federal awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant, I certify that the applicant:

1. Has the legal authority to apply for Federal assistance and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project cost) to ensure proper planning, management and completion of the project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the award; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
4. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
5. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§4728-4763) relating to prescribed standards for merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
6. Will comply with all Federal statutes relating to nondiscrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. §794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. §§290 dd-3 and 290 ee-3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. §§3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and, (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.
7. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal or federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
8. Will comply, as applicable, with provisions of the Hatch Act (5 U.S.C. §§1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.

9. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§276a to 276a-7), the Copeland Act (40 U.S.C. §276c and 18 U.S.C. §874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§327-333), regarding labor standards for federally-assisted construction subagreements.
10. Will comply, if applicable, with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
11. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§1451 et seq.); (f) conformity of Federal actions to State (Clean Air) Implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. §§7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).
12. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
13. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. §470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. §§469a-1 et seq.).
14. Will comply with P.L. 93-348 regarding the protection of human subjects involved in research, development, and related activities supported by this award of assistance.
15. Will comply with the Laboratory Animal Welfare Act of 1966 (P.L. 89-544, as amended, 7 U.S.C. §§2131 et seq.) pertaining to the care, handling, and treatment of warm blooded animals held for research, teaching, or other activities supported by this award of assistance.
16. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.
17. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-133, "Audits of States, Local Governments, and Non-Profit Organizations."
18. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.
19. Will comply with the requirements of Section 106(g) of the Trafficking Victims Protection Act (TVPA) of 2000, as amended (22 U.S.C. 7104) which prohibits grant award recipients or a sub-recipient from (1) Engaging in severe forms of trafficking in persons during the period of time that the award is in effect (2) Procuring a commercial sex act during the period of time that the award is in effect or (3) Using forced labor in the performance of the award or subawards under the award.

SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL 	TITLE National Internship Director
APPLICANT NAME American Conservation Experience	DATE SUBMITTED February 2, 2017

Standard Form 424B (Rev. 7-97) Back

**BUDGET INFORMATION - Non-Construction Programs**OMB Number: 4040-0006  
Expiration Date: 01/31/2019**SECTION A - BUDGET SUMMARY**

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. ACE Interns	15.231	\$ 0.00	\$ 0.00	\$ 25,000.00	\$ 0.00	\$ 25,000.00
2. 0	0	0.00	0.00	0.00	0.00	0.00
3. 0	0	0.00	0.00	0.00	0.00	0.00
4. 0	0	0.00	0.00	0.00	0.00	0.00
5. Totals		\$	\$	\$ 25,000.00	\$	\$ 25,000.00

Standard Form 424A (Rev. 7-97)  
Prescribed by OMB (Circular A -102) Page 1

Tracking Number: GRANT12328827

Funding Opportunity Number: L17AS00001 Received Date: Feb 02, 2017 06:47:31 PM EST

## SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total (5)
	(1)	(2)	(3)	(4)	
	ACE Interns	0	0	0	
a. Personnel	\$ 13,625.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 13,625.00
b. Fringe Benefits	2,452.50	0.00	0.00	0.00	2,452.50
c. Travel	0.00	0.00	0.00	0.00	
d. Equipment	0.00	0.00	0.00	0.00	
e. Supplies	2,000.00	0.00	0.00	0.00	2,000.00
f. Contractual	0.00	0.00	0.00	0.00	
g. Construction	0.00	0.00	0.00	0.00	
h. Other	0.00	0.00	0.00	0.00	
i. Total Direct Charges (sum of 6a-6h)	18,077.50	0.00	0.00	0.00	\$ 18,077.50
j. Indirect Charges	6,922.50	0.00	0.00	0.00	\$ 6,922.50
k. TOTALS (sum of 6i and 6j)	\$ 25,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 25,000.00
7. Program Income	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	

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SECTION C - NON-FEDERAL RESOURCES					
(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS	
8. ACE Interns	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	
9. 0	0.00	0.00	0.00	0.00	
10. 0	0.00	0.00	0.00	0.00	
11. 0	0.00	0.00	0.00	0.00	
12. TOTAL (sum of lines 8-11)	\$	\$	\$	\$	

SECTION D - FORECASTED CASH NEEDS					
	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	\$ 25,000.00	\$ 25,000.00	\$ 0.00	\$ 0.00	\$ 0.00
14. Non-Federal	\$	0.00	0.00	0.00	0.00
15. TOTAL (sum of lines 13 and 14)	\$ 25,000.00	\$ 25,000.00	\$ 0.00	\$ 0.00	\$ 0.00

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT					
(a) Grant Program	FUTURE FUNDING PERIODS (YEARS)				
	(b)First	(c) Second	(d) Third	(e) Fourth	
16. ACE Interns	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	
17. 0	0.00	0.00	0.00	0.00	
18. 0	0.00	0.00	0.00	0.00	
19. 0	0.00	0.00	0.00	0.00	
20. TOTAL (sum of lines 16 - 19)	\$	\$	\$	\$	

SECTION F - OTHER BUDGET INFORMATION	
21. Direct Charges: 18077.5	22. Indirect Charges: 6922.5
23. Remarks: One Software Development Lead : \$70/hr, 150 hours; One Software Implementation intern : \$25/hr, 125 hours. Two iPad equipment setups \$2,000 (\$1,000 * 2)	

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Prescribed by OMB (Circular A -102) Page 2

Tracking Number:GRANT12328827

Funding Opportunity Number:L17AS00001 Received Date:Feb 02, 2017 06:47:31 PM EST

DOI-2021-02 00249

Manifest for Grant Application # GRANT12328782

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 26221 bytes)

Forms Included in Zip File(total 7):

1. Form GG\_LobbyingForm-V1.1.pdf (size 23282 bytes)
2. Form ProjectNarrativeAttachments\_1\_2-V1.2.pdf (size 21752 bytes)
3. Form SF424\_2\_1-V2.1.pdf (size 30266 bytes)
4. Form BudgetNarrativeAttachments\_1\_2-V1.2.pdf (size 22472 bytes)
5. Form SF424A-V1.0.pdf (size 29753 bytes)
6. Form Key\_Contacts-V1.0.pdf (size 26824 bytes)
7. Form SF424B-V1.1.pdf (size 28292 bytes)

Attachments Included in Zip File (total 2):

1. ProjectNarrativeAttachments\_1\_2  
ProjectNarrativeAttachments\_1\_2-Attachments-1235-L17AS00001 #3 GRD Drone Routes IM  
Proposal Narrative.pdf application/pdf (size 222003 bytes)
2. BudgetNarrativeAttachments\_1\_2  
BudgetNarrativeAttachments\_1\_2-Attachments-1234-L17AS00001 #3 GRD Drone Routes IM Budget  
and 424s.pdf application/pdf (size 1372202 bytes)



**Bureau of Land Management**  
Utah State Office  
Grants & Cooperative Agreements



**BUDGET DETAIL**  
**EPIC 2017 032**

**Instructions:** Starting with the same budget amounts as listed on the SF-424A Budget Information form, use this worksheet to show details of the estimated costs. Provide enough information that costs may be analyzed for reasonableness as compared to costs or work of similar size and scope. Use the Narrative boxes as necessary to explain each cost.

Agreement or Funding Opportunity No.: L17AS00001 Date: 2-Feb-17

Organization Name: American Conservation Experience

Project Title: WSA Monitoring - WildSnap- Implementation

**A) PERSONNEL** (SF 424A Object Class Category 6a.)

*The cost of salaries & wages, not including fringe benefits, paid to Recipient employees working directly on this agreement. Indicate Key Personnel with an asterisk (\*). Provide more detail in the Narrative Box if needed.*

Name & Title or Position Title	No. of Personnel	Salary or Wage	Hours, Days, Weeks, Months, or Other	Matching Funds (if applicable)	BLM Funds
WSA Monitoring Intern 1	1	\$300/week	18	\$ 11,563.20	\$ 5,400.00
WSA Monitoring Intern 2	1	\$300/week	18	\$ 11,563.20	\$ 5,400.00
ACE Technology Team	1	\$70/hour	8	\$ -	\$ 560.00
Position 4	0	\$0/	0	\$ -	\$ -
Position 5	0	\$0/	0	\$ -	\$ -
Position 6	0	\$0/	0	\$ -	\$ -
Position 7	0	\$0/	0	\$ -	\$ -
<b>A) TOTAL PERSONNEL COSTS:</b>					
(SF-424A Object Class Category 6a. Personnel)				<b>\$ 23,126.40</b>	<b>\$ 11,360.00</b>

Narrative : Two 18-week WSA Monitoring interns will receive a \$300/week Living Allowance. 40 hours/week will be expected for this project. Intern may be eligible for a 675-hour AmeriCorps award (\$2,199.92) upon successful completion of the internship.



**B) FRINGE BENEFITS** (SF 424A Object Class Category 6b.)

*The cost of fringe benefits, such as FICA, workers comp, state payroll taxes, etc., paid to Recipient employees working on this agreement. List employees or positions below, and their fringe benefit rates as percentages of their salaries. List what are included as fringe benefits in the Narrative Box.*

Name & Title/Position	Salary/Wage Base	Fringe Benefit Rate (%)	Matching Funds (if applicable)	BLM Funds
	(BLM Amounts budgeted in Section A above)			
WSA Monitoring Intern 1	\$ 5,400.00	18%	\$ -	\$ 972.00
WSA Monitoring Intern 2	\$ 5,400.00	18%	\$ -	\$ 972.00
ACE Technology Team	\$ 560.00	25%	\$ -	\$ 140.00
Position 4	\$ -	18%	\$ -	\$ -
Position 5	\$ -	18%	\$ -	\$ -
Position 6	\$ -	18%	\$ -	\$ -
Position 7	\$ -	18%	\$ -	\$ -
B) TOTAL FRINGE BENEFIT COSTS:			\$ -	\$ 2,084.00
(SF-424A Object Class Category 6b. Fringe Benefits)				

Narrative : Fringe rate calculation covers all liability, workers compensation, vehicle, payroll insurance, FICA, Social Security and Medicare expenses associated.

C) TRAVEL (SF 424A Object Class Category 6c.)					
<u>LODGING &amp; PER DIEM</u> The cost of lodging & meals while travelling for agreement activities. Give details and purpose of the travel in the Narrative Box. Current Federal rates may be found online at: <a href="http://www.gsa.gov/portal/category/21287">http://www.gsa.gov/portal/category/21287</a> .					
Proposed Travel, Lodging & Per Diem	No. of People	No. of days	Cost Per Person	Matching Funds (if applicable)	BLM Funds
To:					
From:					
To:					
From:					
To:					
From:					
To:					
From:					
<u>MILEAGE REIMBURSEMENT</u> The cost of reimbursement for estimated mileage traveled for agreement activities. Give details and the purpose of the travel in the Narrative Box. Current Federal mileage reimbursement rates may be found online at: <a href="http://www.GSA.gov">www.GSA.gov</a> .					
Proposed Travel, Lodging & Per Diem	No. of Miles	No. of Trips	Cost Per Mile	Matching Funds (if applicable)	BLM Funds
To:					
From:					
To:					
From:					
To:					
From:					
To:					
From:					
<u>OTHER TRAVEL COSTS</u> - The costs of airfare, bus fare, car rental, etc., required for agreement activities. Explain the details and the purpose of the costs in the Narrative Box.					
Proposed Other Travel Reimbursement	Type	Cost	No.	Matching Funds (if applicable)	BLM Funds
To:	Intern 1				
From:	Transportation Stipend	\$ 1,160.00	1		\$ 1,160.00
To:	Intern 2				
From:	Transportation Stipend	\$ 1,160.00	1		\$ 1,160.00
To:	Intern 3				
From:	Transportation Stipend	\$ -			\$ -
To:	Intern 4				
From:	Transportation Stipend	\$ -			\$ -
<b>C) TOTAL TRAVEL COSTS:</b>					
(SF-424A Object Class Category 6c. Travel)				\$ -	\$ 2,320.00
<u>Narrative</u> : Each intern will receive a \$1,160 Transportation Stipend for to cover camping costs and incidentals.					

<b>D) EQUIPMENT</b> (SF 424A Object Class Category 6d. Equipment)				
The cost of equipment (items with a useful life of more than one (1) year and a cost of \$5,000+ per unit). Explain the need and purpose of the equipment in the Narrative box below.				
Equipment	Quantity	Cost per Unit	Matching Funds (if applicable)	BLM Funds
Equipment 1 Description	0	\$0.00	\$ -	\$ -
Equipment 2 Description	0	\$0.00	\$ -	\$ -
Equipment 3 Description	0	\$0.00	\$ -	\$ -
<b>D) TOTAL EQUIPMENT COSTS:</b>				
(SF-424A Object Class Category 6d. Equipment)			\$ -	\$ -
<u>Narrative</u> : N/A				


<b>E) SUPPLIES</b> (SF 424A Object Class Category 6e. Supplies)				
The cost of materials and supplies used directly on this project, such as safety glasses, work gloves, office supplies, etc. Explain the details and purpose in the Narrative box below.				
Item	Quantity	Cost per Unit	Matching Funds (if applicable)	BLM Funds
Uniform	2	\$75.00	\$ -	\$ 150.00
Nametag	2	\$8.00	\$ -	\$ 16.00
iPad Equipment	2	\$1,000.00	\$ -	\$ 2,000.00
Supply 4 Description	0	\$0.00	\$ -	\$ -
Supply 5 Description	0	\$0.00	\$ -	\$ -
<b>E) SUPPLIES COST TOTAL:</b>				
(SF-424A Object Class Category 6e. Supplies)			\$ -	\$ 2,166.00
<u>Narrative</u> : ACE provides uniforms and nametags for each intern. This project will require two complete iPad setups, complete with case, batteries, car charger, etc.				

<b>F) CONTRACTUAL</b> (SF 424A Object Class Category 6f. Contractual)			
The cost of contracted services and/or sub-recipient agreements. Provide names and explain the details and purpose of the costs in the Narrative box below. <u>NOTE</u> : Contracts must be competed per the Uniform Administrative Rules.			
Contractor Name, Type, etc.	Cost	Matching Funds (if applicable)	BLM Funds
<b>F) CONTRACTUAL COST TOTAL:</b>		<b>\$</b>	<b>-</b>
(SF-424A Object Class Category 6f. Contractual)			
<i>Narrative</i> : N/A			

<b>G) CONSTRUCTION COSTS</b> (SF 424A Object Class Category 6g. Construction)			
The cost of construction.			
Contractor: Name/Type/Organization/Etc.	Cost	Matching Funds (if applicable)	BLM Funds
<b>*** NOT APPLICABLE ***</b>			
<b>G) CONSTRUCTION COST TOTAL:</b>		<b>\$ N/A</b>	<b>\$ N/A</b>
(SF-424A Object Class Category 6g. Construction)			
<i>Narrative</i> : N/A			

<b>H) OTHER</b> (SF 424A Object Class Category 6h. Other)			
Costs that don't fit any other Object Class Category, such as duplicating and printing, postage and freight, rented equipment, etc. Explain the details and purpose in the Narrative box below.			
Item	Cost	Matching Funds (if applicable)	BLM Funds
Program Support/Contingency	\$ -	\$ -	\$ -
Background Check	\$ 75.00	\$ -	\$ 150.00
Other 3 Description	\$ -	\$ -	\$ -
Other 4 Description	\$ -	\$ -	\$ -
Other 5 Description	\$ -	\$ -	\$ -
Other 6 Description	\$ -	\$ -	\$ -
Other 7 Description	\$ -	\$ -	\$ -
Other 8 Description	\$ -	\$ -	\$ -
Other 9 Description	\$ -	\$ -	\$ -
Other 10 Description	\$ -	\$ -	\$ -
<b>H) OTHER COSTS TOTAL:</b>		<b>\$ -</b>	<b>\$ 150.00</b>
(SF-424A Object Class Category 6h. Other)			
<p><u>Narrative</u> : ACE provides background checks for each intern.</p>			


<b>I) TOTAL DIRECT CHARGES</b> (SF 424A Object Class Category 6i. Sum of 6a. 6h.)		
The total of all direct costs applicable to this project.		
	<b>Matching Funds</b> (if applicable)	<b>BLM Funds</b>
<b>I) TOTAL DIRECT COSTS:</b>	\$ -	\$ 18,080.00
(SF-424A Object Class Category 6i. Total, Sum of 6a.-6h.)		
<b>J) INDIRECT COSTS</b> (SF 424A Object Class Category 6j. Indirect Charges)		
Costs which can't be readily identified and charged to a particular project, such as building rent, utilities, miscellaneous office supplies, etc. Such costs are usually charged to the project as a percentage of some or all of the Direct Costs (Items I above). This percentage is called the Indirect Cost Rate.		
<u>Note:</u> If your organization has a negotiated indirect cost rate agreement (NICRA) with a federal agency, please use that rate and submit a copy with your application. If your organization has no NICRA, the BLM Grants Management Officer may allow an indirect cost rate of 10% of the base modified total direct costs (MTDC). MTDC is all salaries and wages, fringe benefits, materials and supplies, services, travel, and subgrants and subcontracts up to the first \$25,000 of each. Use the Narrative box below to explain how you calculated your indirect costs.		
Base amount for this Grant: (Total Direct Costs, Total Labor Costs, MTDC, etc.)	\$18,080	
Rate to be used on this Grant (%):	38.27%	
	<b>Matching Funds</b> (if applicable)	<b>BLM Funds</b>
<b>J) TOTAL INDIRECT COSTS:</b>	\$ -	\$ 6,920.00
(SF-424A Object Class Category 6j. Indirect Charges)		
<u>Narrative :</u> ACE is covering significant expenses to assure that the project can be accomplished for the funding allocation permitted under this request for proposals.		

<b>K) TOTALS</b> (SF 424A Object Class Category 6k. TOTALS)		
The sum total of Direct and Indirect Costs (Sum of 6i. & 6j.) applicable to this agreement.		
	<b>Matching Funds (if applicable)</b>	<b>BLM Funds</b>
<b>K) TOTAL COSTS:</b>		
(SF-424A Object Class Category 6k. TOTALS)	<b>\$ 23,126.40</b>	<b>\$ 25,000.00</b>
<p>By signing below, I certify that to the best of my knowledge the costs detailed above are correct and complete and for the purposes set forth in the application for Federal Assistance.</p>		
		
<i>Signature</i> Shane Barrow, National Internship Director, ACE EPIC		
Date:		2/2/17
<i>Printed Name &amp; Title of Person Completing Budget</i>		

Application for Federal Assistance SF-424		OMB Number: 4040 0004 Expiration Date: 8/31/2016	
1. Type of Submission:		2. Type of Application *If Revision, select appropriate letter(s)	
<input type="checkbox"/> Preapplication <input checked="" type="checkbox"/> Application <input type="checkbox"/> Changed/Corrected Application		<input checked="" type="checkbox"/> New <input type="checkbox"/> Continuation <input type="checkbox"/> Revision	
		* Other (Specify)	
3. Date Received:		4. Applicant Identifier:	
2/2/17		EPIC 2017 032	
5a. Federal Entity Identifier:		5b. Federal Award Identifier:	
		L17AS00001	
State Use Only:			
6. Date Received by State		7. State Application Identifier	
8. Applicant Information			
a. Legal Name American Conservation Experience			
b. Employer / Taxpayer Identifier Number (EIN/TiN):		c. Organizational DUNS:	
37 1473291		1453726160000	
d. Address:			
Street1	2900 North Fort Valley Rd		
Street2			
City:	Flagstaff		
County/Parish:			
State:	AZ: Arizona		
Province:			
Country:	USA: United States		
Zip / Postal Code	86001 8310		
e. Organizational Unit:			
Department Name:		Division Name:	
ACE EPIC Program			
f. Name and contact information of person to be contacted on matters involving this application:			
Prefix:	First Name:	Shane	
	Middle Name:		
	Last Name:	Barrow	
Suffix:			
Title:	National Internship Director		
Organizational Affiliation:	American Conservation Experience		
Telephone Number:	801 946 2722	Fax Number:	866 604 9307
Email:	sbarrow@usaconservation.org		



<b>Application for Federal Assistance SF-424</b>	
9. Type of Applicant 1:	M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Learning)
Type of Applicant 2:	
Type of Applicant 3:	
Other (specify):	
10. Name of Federal Agency	
Bureau of Land Management	
11. Catalog of Federal Domestic Assistance Number:	15.231
CFDA Title:	Fish, Wildlife and Plant Conservation Resource Management
12. Funding Opportunity Number:	
Title:	
13. Competition Identification Number:	
L17AS00001	
Title:	BLM FY2017 Bureau wide National Conservation Lands Scientific Studies Support Program
14. Areas Affected by Project (Cities, Counties, States, etc.):	
Salt Lake City, UT area	
15. Descriptive Title of Applicants Project:	
WSA Monitoring WildSnap Implementation	

<b>Application for Federal Assistance SF-424</b>			
16. Congressional District of:			
a. Applicant	AZ01	b. Program / Project	UT01
17. Proposed Project:			
a. Start Date	4/1/17	b. End Date:	3/31/22
18. Estimated Funding (\$):			
a. Federal	\$	25,000.00	
b. Applicant	\$	23,126.40	
c. State	\$		
d. Local	\$		
e. Other	\$		
f. Program Income	\$		
<b>g. TOTAL</b>	<b>\$</b>	<b>48,126.40</b>	
19. Is Application Subject to Review By State Under Executive Order 12372 Process?			
<input type="checkbox"/> a. This application was made available to the State under Executive Order 12372 Process for review on			
<input type="checkbox"/> b. Program is subject to E.O. 12372 but has not been selected by the State for review			
<input checked="" type="checkbox"/> c. Program is not covered by E.O. 12372.			
20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes", provide explanation in attachment.)			
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
If "Yes", provide explanation and attach			
21. *By signing this application, I certify (1) to the statements contained in the list of certifications** and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 218, Section 1001)			
<input checked="" type="checkbox"/> ** I AGREE                      ** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency			
<b>Authorized Representative:</b>			
Prefix:	First Name:	Shane	
	Middle Name:		
	Last Name:	Barrow	
Suffix:			
Title:			
Telephone Number:	801 946 2722	Fax Number:	866 604 9307
Email:	sbarrow@usaconservation.org		
Signature of Authorized Representative:			Date: 2 Feb 17

BUDGET INFORMATION - Non-Construction Programs SF-424A						OMB Number: 4040-0006 Expiration Date: 06/30/2014
SECTION A - BUDGET SUMMARY						
Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
ACE Interns	15.231	\$ -	\$ -	\$ 25,000.00	\$ 23,126.40	\$ 48,126.40
		\$ -	\$ -	\$ -	\$ -	\$ -
		\$ -	\$ -	\$ -	\$ -	\$ -
		\$ -	\$ -	\$ -	\$ -	\$ -
5. Totals		\$ -	\$ -	\$ 25,000.00	\$ 23,126.40	\$ 48,126.40

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BUDGET INFORMATION - Non-Construction Programs SF-424A					
SECTION B - BUDGET CATEGORIES					Total (5)
6. Object Class Categories	GRANT PROGRAM, FUNCTION, OR ACTIVITY				
	(1) ACE Interns	(2) 0	(3) 0	(4) 0	
a. Personnel	\$ 11,360.00	\$ -	\$ -	\$ -	\$ 11,360.00
b. Fringe Benefits	\$ 2,084.00	\$ -	\$ -	\$ -	\$ 2,084.00
c. Travel	\$ 2,320.00	\$ -	\$ -	\$ -	\$ 2,320.00
d. Equipment	\$ -	\$ -	\$ -	\$ -	\$ -
e. Supplies	\$ 2,166.00	\$ -	\$ -	\$ -	\$ 2,166.00
f. Contractual	\$ -	\$ -	\$ -	\$ -	\$ -
g. Construction	\$ -	\$ -	\$ -	\$ -	\$ -
h. Other	\$ 150.00	\$ -	\$ -	\$ -	\$ 150.00
i. Total Direct Charges (Sum of 6a-6h)	\$ 18,080.00	\$ -	\$ -	\$ -	\$ 18,080.00
j. Indirect Charges	\$ 6,920.00	\$ -	\$ -	\$ -	\$ 6,920.00
k. TOTALS (sum of 6i and 6j)	\$ 25,000.00	\$ -	\$ -	\$ -	\$ 25,000.00
7. Program Income					

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Prescribed by OMB (Circular A-102) Page 1A

BUDGET INFORMATION - Non-Construction Programs SF-424A					
SECTION C - NON-FEDERAL RESOURCES					
(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e) TOTALS	
8.ACE Interns	\$ 23,126.40	\$ -	\$ -	\$ 23,126.40	
9.	\$ -	\$ -	\$ -	\$ -	
10.	\$ -	\$ -	\$ -	\$ -	
11.	\$ -	\$ -	\$ -	\$ -	
12. TOTAL (sum of lines 8-11)	\$ 23,126.40	\$ -	\$ -	\$ 23,126.40	
SECTION D - FORECASTED CASH NEEDS					
	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	\$ 25,000.00	\$ -	\$ -	\$ -	\$ -
14. Non-Federal	\$ -	\$ -	\$ -	\$ -	\$ -
15. TOTAL (sum of lines 13 and 14)	\$ 25,000.00	\$ -	\$ -	\$ -	\$ -
SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT					
(a) Grant Program	FUTURE FUNDING PERIODS (YEARS)				
	(b) First	(c) Second	(d) Third	(e) Fourth	
16.ACE Interns	\$ -	\$ -	\$ -	\$ -	
17.	\$ -	\$ -	\$ -	\$ -	
18.	\$ -	\$ -	\$ -	\$ -	
19.	\$ -	\$ -	\$ -	\$ -	
20. TOTAL (sum of lines 16-19)	\$ -	\$ -	\$ -	\$ -	
SECTION F - OTHER BUDGET INFORMATION					
21. Direct Charges	\$ 18,080.00	22. Indirect Charges	\$ 6,920.00	NICRA 38.27%	
23. Remarks	Interns = 2; Weeks = 36 (18 * 2); Living Allowance = \$300/wk; Invoice Rate = \$575/wk; Transportation Stipend = \$2,320 (\$1,160 * 2); iPad Equipment = \$2,000 (\$1,000 * 2)				

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Prescribed by OMB (Circular A -102) Page 2

**ASSURANCES - NON-CONSTRUCTION PROGRAMS**

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0040), Washington, DC 20503.


**PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.**

**NOTE:** Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the awarding agency. Further, certain Federal awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant, I certify that the applicant:

1. Has the legal authority to apply for Federal assistance and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project cost) to ensure proper planning, management and completion of the project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the award; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
4. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
5. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§4728-4763) relating to prescribed standards for merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
6. Will comply with all Federal statutes relating to nondiscrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. §794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. §§290 dd-3 and 290 ee-3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. §§3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and, (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.
7. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal or federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
8. Will comply, as applicable, with provisions of the Hatch Act (5 U.S.C. §§1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.

9. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§276a to 276a-7), the Copeland Act (40 U.S.C. §276c and 18 U.S.C. §874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§327-333), regarding labor standards for federally-assisted construction subagreements.
10. Will comply, if applicable, with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
11. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§1451 et seq.); (f) conformity of Federal actions to State (Clean Air) Implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. §§7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).
12. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
13. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. §470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. §§469a-1 et seq.).
14. Will comply with P.L. 93-348 regarding the protection of human subjects involved in research, development, and related activities supported by this award of assistance.
15. Will comply with the Laboratory Animal Welfare Act of 1966 (P.L. 89-544, as amended, 7 U.S.C. §§2131 et seq.) pertaining to the care, handling, and treatment of warm blooded animals held for research, teaching, or other activities supported by this award of assistance.
16. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.
17. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-133, "Audits of States, Local Governments, and Non-Profit Organizations."
18. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.
19. Will comply with the requirements of Section 106(g) of the Trafficking Victims Protection Act (TVPA) of 2000, as amended (22 U.S.C. 7104) which prohibits grant award recipients or a sub-recipient from (1) Engaging in severe forms of trafficking in persons during the period of time that the award is in effect (2) Procuring a commercial sex act during the period of time that the award is in effect or (3) Using forced labor in the performance of the award or subawards under the award.

SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL 	TITLE National Internship Director
APPLICANT NAME American Conservation Experience	DATE SUBMITTED February 2, 2017

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**BUREAU OF LAND MANAGEMENT**  
Financial Assistance (Cooperative Agreements)



**ATTACHMENT A: PROJECT PROPOSAL (SUGGESTED FORMAT)**

**Instructions:** A Project Proposal must be submitted with the Standard Form (SF) 424 Application for Federal Assistance for all BLM Assistance Agreements. Complete each section below. Use additional sheets as needed. \*\*If this is a continuation of existing BLM cooperative agreement, identify the current BLM agreement number and project title below.

Person Submitting Proposal: Annie Meltzer, Grants and Finance Manager Date: 2/2/2017

Organization Name: American Conservation Experience

\*\*Agreement or Announcement No.: L17AS00001 – Bear Ears National Monument (BENM) Cultural Resource Management Drone Inventory & Monitoring Proposal

\*\* Agreement or Announcement BLM FY2017 Bureau-wide National Conservation Lands  
Title: Scientific Studies Support Program

Estimated Period of Performance: April 1, 2017 - March 31, 2022

BLM POC: BLM Utah State Office  
Proposed Project Location: \_\_\_\_\_

This work will occur on: ☒ Public Lands ~~☐ Both Public & Private Lands~~

**YOUR MISSION:** (Describe your mission. Describe why this support is being requested.)

American Conservation Experience (ACE) is a national 501 (c) (3) non-profit organization headquartered in Flagstaff, Arizona with regional chapters located in St. George, UT; Salt Lake City, UT; Santa Cruz, CA; South Lake Tahoe, CA; and Asheville, NC. ACE engages American & international youth by creating partnerships that promote conservation, protect natural & cultural resources, and uses innovative approaches in an effort to accomplish the shared mission with the Department of Interior.

The ACE *Emerging Professional Internship Corps* (EPIC) program provides individual placement opportunities where our participating members receive on-the-job skills training, professional development opportunities, hands on resource management experience, exposure to potential future careers through mentored interaction with land management professionals, and access to the many benefits of working with a 21st Century Service Corps program.

ACE EPIC program interns are expected to lead the way into the future of managing natural and cultural resources, but they are typically not offered the opportunity to work with the tools of the future. Tools that will allow for resource monitoring data collection, storage, interpretation, sharing and evaluation without duplicating work, transferring notes from paper, to database, having to georeferenced each photo individually, etc.

ACE is developing a Technology program dedicated to assisting our agency partners with data collection for monitoring and research and reduce time required for post processing of the data collection which often forces agencies to limit the amount of data. For this project are proposing to create collection processes that will collect georeferenced aerial photomonitoring points that are easily replicatable. This



data will undergo rigorous review and quality control and assurance processes that allow continuity from year to year, monitoring site to site.

ACE is proposing to enhance our development of field research and monitoring tools that will afford our interns, as well as current and future agency staff, integrity and accessibility to all data collected. The methods for data collection and storage will be enhanced so that agency staff can reevaluate the data that they are interested in collecting because data collection time, and therefore cost, will be decreased.

## **OBJECTIVE:**

ACE's objective for this project is to continue to develop the tools to collect valuable data to monitor Utah public lands, including for the newly designated Bears Ears National Monument. With the use of drones, the ACE technology team will support in the collection of data related to supporting the BLM in conducting cultural resource inventories. The use of drones can support Class III stage of the cultural resource management plans, by subsidizing or enhancing the pedestrian survey of the targeted area. These methods are less invasive than traditional surveys and can be done with limited access. In adherence to the FAA small unmanned aircraft rules, ACE's Drone program will comply with operational limitations, remote pilot certifications and responsibilities, and aircraft requirements

According to the BLM The uniqueness of this project is that BLM staff, ACE interns, and even citizen scientists can all gather the necessary data to fulfill BLM monitoring requirements. The distinguishing factor of working with ACE is that the WildSnap data is completely owned by the BLM, while still being able to be collected outside. The data is collected in the field, and then uploaded and analyzed using Cloud technology that BLM can easily import and access in any form the BLM needs. This data is stored safely and securely, and remains the property of the BLM.

It is imperative that our public lands are monitored to ensure continued protection, development, and management for future generations. In order to achieve successful monitoring schedules for Bears Ears National Monument, the BLM Field Office should look into wide reaching survey technology and a force of volunteers for implementation.

The information that is gathered through these technologies include geospatial data on cultural sites. These technologies will also support in collecting data for maps, identifying surface disturbances, data relating to authorized uses, and the characteristics of cultural resource areas. With the BLM's established national data standards, the use of ACE's technologies can support in the collection of field data to assist the BLM in expanding their inventory collection capacity.

## **RESEARCH THEME AND TECHNICAL APPROACH:**

Please identify which themes apply to your projects:

- ✓ *Research Identified in Unit Science Plans (for National Monuments, National Conservation Areas, and Similar Designations)*
- ✓ *Standardized Inventory and Monitoring*
- ✓ *Citizen Science*
- ✓ *Other Management-Driven Research*

1. Describe the techniques, processes, methodologies to be used.

The ACE Technology team is developing an aerial photo- monitoring solution that will collect data photo points as it relates to the support of protecting resources and collecting data in accordance with BLM's cultural resources programs. ACE is proposing to utilize its technologies to provide the BLM with an opportunity to survey and monitor areas of cultural significance that can be replicated. ACE will work with BLM to establish the SOPs that will allow for ACE to collect the desired outcomes, which will include, but not be limited to, periodic photos of existing areas of interest, photos of potential CRM locations, routes, barriers, trespass sites, social trailing sites, and points where access to highly sensitive environmental and/or cultural sites may be located.

It has been discussed whether it would be better to utilize photos or video, and was determined that photos are more replicable, and could therefore more easily provide trend data, as desired by BLM, than video. However, if BLM does desire to do a full video assessment of a certain sites, the drone application would be capable of providing this data.

**2. Describe how data collection, analysis, and means of interpretation will be accomplished.**

The use of drones which collect georeferenced photos at predictive intervals and set patterns will be easily replicable from year to year. The data collected will be centralized automatically into a database and will be accessible by BLM planning staff from their computers, or in the field on the tablets that will be used to operate the drones.

The drones will be able to capture as many photos within desired areas, at an elevation and frequency determined by BLM to be appropriate for assessment of cultural conditions. It is estimated that a team of two interns, BLM staff, volunteers, or a combination of those could provide detailed aerial photography of up to 8 CRM sites depending on site access and distribution from existing transportation routes.

Drones could also be set to shadow staff or volunteers at a selected elevation and take photos at desired intervals or individually selected sites (or video for documenting potential trespass, vandalism, or ongoing illegal use).

Post processing of photos will require BLM and ACE to work together to determine the desired spatial analysis protocols to program the software to recognize and document changes in the landscape. Natural variability that will be allowed in the analysis can be set dependent on habitat type and soil structure/stability. Other variables can be determined to allow for the information to be most useful.

**3. Describe how the proposed objectives will be achieved within the proposed period of performance (POP).**

After funding is made available, ACE will require three months to work with Bear Ears National Monument (BENM) Cultural Staff to define the parameters of the inventory and monitoring desired. During this time we would compile necessary georeferenced imagery to allow for offline navigation and mapping, and development of the application platform and acquire equipment. It would be optimal for the development phase to begin in the fall, allowing for the development phase to occur over the winter, testing phase in the spring, and field trials and survey phase to occur in the late spring through fall.

Months 3-6 will be spent testing, staff licensing (if necessary) and training.

Months 6-12 will be spent collecting imagery and data throughout the monument on the routes deemed most significant by BLM. It is important that BLM determine what time of year specific regional routes would be surveyed as recurring surveys at similar times of year, under similar seasonal conditions,

maintaining consistency and accuracy in vegetative cover data. It is expected that during the initial development phase and trial time that we will be able to accomplish an inventory of 20 culturally significant sites.

**4. Describe significant goals or milestones and how they will be measured.**

Creation of the application and drone operation program is the primary objective of this project. Timely delivery of a functional drone operation program is vital to ensuring our next objectives, which are proof of operation, the collection of a defined system of routes and areas of cultural significance within the monument for review, correction, or changes to the system preferences. Success would be measured by miles of routes photographed, numbers of cultural sites surveyed, number of photo points taken, and resource issues found, highlighted, or monitored.

**5. Describe tasks and relationships of partners, if applicable.**

Monument staff would be asked to define the data collection parameters. Important collection parameters would not be limited to:

- Photo quality
- Photo frequency
- Survey timing
- Providing existing georeferenced route data
- Potentially participating as part of 2-person survey team
- Possibly providing transportation for survey team
- Reviewing initial data to assure data collected is on par with the NCL and CRM data quality standards and security levels, meeting the expected quantity, and provides resource management value.

**6. Describe how the proposed project improves management of the National Conservation Lands unit.**

Protecting significant Cultural Resource sites from unpermitted and uncontrolled degradation is a top priority for all public resource managers. Providing CRM staff a dynamic and efficient photo monitoring program will allow ACE and our partners to collect more data, more frequently, and evaluate disturbance trends more rapidly, all while maintaining a permanent and easily interpreted record of monitoring activity. This will allow for more effective management decisions, and early response to stabilization or emergency closure situations to protect resources, particularly cultural resources that are highlighted within the Utah BLM managed landscape.

**7. Explain whether the proposed projects applicable to management beyond the relevant National Conservation Lands unit.**

As with our WSA Monitoring Application WildSnap, this application could be used for all site photo-monitoring as well as travel and transportation routes on public lands. It can also be adapted to monitoring specific sites, such as recreation sites, mining permits, and even vegetative cover over large landscapes, over time. The data collected is stored immediately into a central database, and an ongoing update and increase in reporting capabilities will be possible, without issue.

**8. Provides foundational knowledge or fills data gaps.**

Having a detailed geodatabase of all Significant Cultural Sites, protected by strong safety and privacy protocols, as determined by the BLM and State Cultural Resource Management Agencies, is the first major step to filling data gaps. Being able to assess short and long term disturbance trends will provide route trend data at a level of detail and frequency not feasible via traditional monitoring methodologies.

#### **9. Credible methods and success metrics.**

Aerial survey is becoming increasingly common in resource management. From monitoring vegetation data and habitat for Sage Grouse, to doing population and public use data counts for wildlife and recreation use, the ability to take aerial survey data for analysis is just now being realized.

The use of drones which collect geo-referenced photos at predictive intervals and set patterns will be easily replicable from year to year. The data collected will be centralized automatically into a database via Cloud technology and will be accessible by BLM planning staff from their office computers, or in the field on the tablets that will be used to operate the drones.

The drones will be able to capture as many photos as desired along each surveyed route at an elevation and frequency determined by BLM to be appropriate for assessment of route conditions. It is estimated that a team of two interns, BLM staff, volunteers, or a combination of those could provide detailed aerial photography for up to 8 sites per day depending on site size, distribution, and accessibility.

Analysis of this data will allow BLM to see trends and changes based on disturbances in protected areas, survey and recordation collection, monitoring of new inventories landscapes/areas, and supporting in the monitoring/reporting process for CRM based BLM staff. Success would be measured by miles of routes photographed, number of photo points taken, and resource issues found, highlighted, or monitored.

#### **10. Realistic timetable & deliverables:**

Planning, development, testing, and initial trials can all be accomplished in a 12-month timeframe. ACE is able to work closely with the Monument Staff and BLM to accelerate, or slow down (for the sake of efficiency) the process as our partners see fit.

Deliverables: ACE will provide all supplies to BLM to continue the survey work, and aim to work with BLM to support professional development opportunities to implement the aerial survey work, accomplishing both support for our youth mission, but also increasing research and monitoring capacity. Along with these, all required annual progress reports, final reports, and manager's summaries will be furnished by the ACE Program Manager and Grants and Agreements Manager.

<b>Milestone / Task / Activity</b>	<b>Start Date</b>	<b>Completion Date</b>
Program planning and data collection (BLM mapping data)	April 2017	May 2017
Application Development & Contracting	June 2017	October 2017
Project Evaluation and Continuation	October 2017	March 2018

#### **PUBLIC BENEFIT:**

In summary, ACE believes that the complex multiple use mandate that guides BLM's Wilderness and Wilderness Study Area management efforts is an excellent place for developing dynamic technological processes and tools to allow for efficient collection, cataloging, and assessment of monitoring data. In order to achieve the minimum monitoring frequency of once per month during the months that the area is accessible to the public, investing in wide reaching survey technology and a force of volunteers for implementation will afford BLM Field Offices more efficiency in monitoring and reporting.

### **QUALIFICATIONS, PAST PERFORMANCE, ACTIVE BLM COOPERATIVE AGREEMENT:**

To ensure safe and effective implementation of the full range of field activities represented in this project, ACE's entire senior management staff, including trainers and coordinators for the southwest crew programs, will be readily available to lend assistance to the team leader and team members. The ACE senior level staff will be heavily involved in the planning, hiring and on-boarding stages of this project. We will work diligently to find the most qualified team leader and members to ensure the project's success. We will be actively involved in getting the team settled in and brought up to speed on the objectives of this project, main points of contact, reporting requirements, etc. We work diligently and successfully to provide local housing at project site locations, realizing that comfortable living situations engender good attitudes and work ethic. ACE's senior level staff will then serve as consultants to the project, the team, and the BLM. We will facilitate conversations when necessary, ensure compliance with the Project Management Plan, track expenses, and monitor progress.

#### **Staff directly involved with ACE:**

ACE has been fortunate to attract and retain a great number of devoted and talented staffers with many years of experience in trails, hydrology, fisheries, abandoned mine-land reclamation, vegetation management, fencing, and survey/monitoring with a wide range of land management agencies, conservation corps, and non-profit organizations across the country. ACE's senior staff possesses extensive accumulated experience managing conservation projects as staff for the Coconino Rural Environment, the Nevada Conservation Corps, the National Park Service, the Bureau of Land Management, US Bureau of Reclamation, and the US Forest Service. Below are the profiles of selected ACE personnel who will contribute to this project.

#### **Shane Barrow, ACE EPIC Program Director:**

Email: [sbarrow@usaconservation.org](mailto:sbarrow@usaconservation.org)

Phone: (801) 946-5201

Shane has 20 years of management and leadership experience, much of which was either as a public servant and working as a federal partner. His professional path mirrors that of many conservation minded career focused young professionals. After volunteering with the BLM assisting with regional field geology courses, Shane secured his first GS position with BLM as a Realty Technician in the California desert. He later joined the Student Career Experience Program (SCEP) when he returned to graduate school, and was recruited into the agency after working for the CA State BLM office and Mother Load Field office in Recreation, Wilderness, Abandon Mine Lands, NEPA, invasive species management, and Riparian Restoration. His first Permanent position was in the Bakersfield Field Office as a Natural Resource Specialist, working in the Oil & Gas program. While there he acted in the capacity as the National Environmental Policy Act coordinator, the Soil, Water, Air Specialist, and performed recreational management, outreach, and environmental restoration duties throughout California. While there, he transitioned to managing a Central Valley Project (USBR) funded program to restore and manage upland and wetland vegetation in the Tulare Lake basis. While there he started one of the early Hands-on-the-Land programs for the Atwell Island Project in an effort to engage and educate the agricultural farm-worker families who make their living working on the land.

Shane received his Masters of Science from CSU Sacramento in Natural Resource Management, with an emphasis on environmental restoration. After 4 years managing restoration projects on the San Joaquin River in Central California and leading the Catalina Habitat Improvement & Restoration Program in the Channel Islands, he founded the ACE Emerging Professionals Internship Corps (EPIC) program to build bridges between academia and career in the conservation field.

**Tim England, ACE Director of Technology:**

Email: [tengland@usaconservation.org](mailto:tengland@usaconservation.org)

Phone: (801) 243-0623

Tim grew up in central Iowa where he attended Drake University studying Journalism with an emphasis in Radio and Television Broadcast. After leaving Drake, he moved to Utah and began his career in Information Technology, working as a systems administrator for both small and large companies. In 1999, he moved to California where he worked for Apple, Cisco, and EFI, honing his technology skill set in areas such as interface development, web application development, and large-scale network deployment. In 2003, he decided to move back to Utah and work for one of the leading robotic research and development companies, SARCOS. After SARCOS was acquired by Raytheon in 2007, he continued to develop his technology skill set, working in systems administration, project management, system architecture, and system integration.

**Kelly Barrett, National Program Manager for BLM and USFS:**

Email: [kbarrett@usaconservation.org](mailto:kbarrett@usaconservation.org)

Phone: (385) 272-0472

Kelly will provide the necessary project support for the interns and the BLM. She will be responsible for assuring the program is managed in a professional, timely, and accurate manner, and that our interns receive the proper professional development support that they need to succeed in their careers. Kelly will be responsible for all partnership development, recruitment, and training of the individuals whom will participate on this project. Kelly recently joined ACE in March, with a background in youth development and previous experience serving in AmeriCorps NCCC, where she participated in various conservation projects as a Corps Member and a Team Leader, AmeriCorps VISTA, and serving on a conservation crew in Alaska. Kelly has received multiple awards for her service and commitment to AmeriCorps and National Service including Congressional Award, the President Service Award for completing 2,000 hrs. of service and the President's Lifetime Achievement Award for volunteering over 4,000 hours during his lifetime.

**Annie Meltzer, ACE EPIC Federal Grants and Finance Manager:**

Email: [ameltzer@usaconservation.org](mailto:ameltzer@usaconservation.org)

Phone: (385) 249-0823

Annie will provide the necessary oversight on agency agreements to assure that all reporting, invoicing, and compliance issues are professionally and promptly handled. Annie joined the ACE team in 2016 as the Federal Grants and Finance Manager. She draws upon her grants management experience from National Geographic Society Committee for Research and Exploration and grant writing experience from graduate school at the University of Tennessee. Her international fieldwork experience in environmental geography sparked a passion for conservation of National Parks and public lands.

**Ben Pohl, ACE Technology Support Specialist**

Email: [bpohl@usaconservation.org](mailto:bpohl@usaconservation.org)

Phone: (801) 631-2605

Ben supports our Director of Technology by managing the company website, developing company databases, and assisting with various technology related tasks. Ben is proficient in HTML, CSS, WordPress, FileMaker Pro, and JavaScript. He is currently studying Ruby on Rails in order to assist the

development of our online services. The goal is to provide our partners and members online account systems so they can have quick and easy access to ACE's online resources. He loves that he is supporting the advancement of conservation through technology. Before he was working on technology projects, Ben spent time managing corps members on various conservation projects. Some of his projects included: trail building, fuel reduction, environmental restoration, and light construction work. As he continued through his career he transitioned out of the field and started leveraging his technology skills to members. Ben has received multiple awards for his service and commitment to National Service including the Heart and Soul Award for outstanding contribution to Michigan nonprofits; Excellence of Service Award from the AmeriCorps Pacific Region Leadership team for his leadership and commitment to service; and the President's Lifetime Achievement Award for volunteering over 4,000 hours during his lifetime.

**Chris Baker, President and CEO:**

Email: [cbaker@usaconservation.org](mailto:cbaker@usaconservation.org)

Phone: (928) 699-1068

Chris guides the strategic growth of the organization, is the primary point of contact for new partnerships, reports to the Board of Directors, hires and supervises program directors, and is ultimately responsible for ensuring that ACE continues to serve as a safe, responsive, and productive partner to our nation's land stewards. Chris began his career in conservation as an AmeriCorps member on the inaugural crew of the Coconino Rural Environment Corps (CREC) in 1996. Chris served as Crew Supervisor and Operations Manager with CREC for 6 years, spent one year as the Director of the Nevada Conservation corps, and founded ACE in 2003. Overall Chris has 18 years of experience managing youth activities within the conservation corps and youth development models.

**Current/Past Examples of ACE Projects/Partnerships:**

ACE is widely recognized among the BLM, NPS, and other agency project partners as a vital resource for accomplishing conservation-related projects in a professional and effective manner. ACE strongly feels that the growing and substantial utilization of ACE interns and crews in the BLM, NPS, USFS and within other agencies is a direct result of the quality of work achieved, and the ability of ACE to recruit and train well supervised interns and team members capable of working relatively independently with general agency oversight.

**Below is a partial list of example partnership programs that ACE has been working with BLM:**

- **Assessment, Inventory, and Monitoring Programs**
  - Based out of the Utah State Office (various field offices) and Colorado.
- **Utah Wilderness Study Area Pilot Project Program**
  - Utah State Office
- **Aquatic & Riparian Effectiveness Monitoring Program**
  - Utah State Office
- **Direct Hire Authority**
  - National Recruitment and Retention program located in more than 30 offices throughout all of BLM - <http://www.usaconservation.org/programs/epic-internship/dha-home/>
- **NLCS Wilderness Inventory and Monitoring Team Programs**
  - California State Office, Various CA locations. Team is using a modified version of the WildSnap App to conduct inventories throughout various locations in CA, through 2017.
- **St. George Field Office Range/Recreation Programs**
  - Comprehensive program implementation
- **Utah State Office Natural & Cultural Resource Management Internship Program**  
**California Desert District**
  - West Mojave Management Planning CRM effort

- **Flat-Tailed Horned Lizard Monitoring Program**
  - El Centro Field Office (US Military Partnership)

**List of all active agreements between BLM and ACE:**

**AZ**

GIDO	L14AC00196	District Youth Internships & PLC Opportunities for Youth
PHDO	L15AC00012	Recreation and Public Lands Restoration and Maintenance
TUFO	L16AC00235	GIDO PLC Border Restoration
TUFO	L16AC00336	Youth Natural Resource Conservation and Monitoring

**CA**

BAFO	L12AC20437	OHV Interpretation
BAFO	L16AC00083	Archaeology Internships
BAKO	L12AC20522	CRM – Archaeological Range Program
BAKO	L16AC00082	Recreation Wilderness Intern Program
CASO	L16AC00086	Wild and Scenic Rivers Interns
CASO	L16AC00174	Wilderness Inventory and Monitoring Youth Corps Team
CDD	L16AC00092	West Mojave Travel Arch Interns (Ridgecrest/Barstow)
CPNM	L15AC00163	Natural/Cultural Resource Program
ECFO	L15AC00013	Flat Tail Horned Lizard Plot Monitoring
ECFO	L15AC00113	CCS – Flat Tail Horned Lizard Plot Monitoring
RIFO	L16AC00085	Restoration Interns

**EASO**

EASO	L14AC00397	Jupiter Inlet Lighthouse ONA – Recreation Youth Opportunities on Public Lands
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**OR/WA**



AREMP	L14AC00027	Aquatic & Riparian Effectiveness Monitoring Program
CODO	L14AC00331	Intern and Resource Assistant Program

**NM**

LCFO	L15AC00275	Youth and Intern Opportunities to Work on New Mexico Public Lands
NMSO	L15AC00276	AIM – San Luis Valley Field Office

**UT**

CCFO	L14AC00248	Sensitive Species Recovery, Inventory and Monitoring Youth Project
CLDQ	L13AC00066	Interpretive Paleontologist
MOFO	L12AC20468	Range Technician
PRFO	L15AC00221	Youth Cultural Resources Program (Nine-Mile Canyon)
PRFO	L15AC00226	Threatened and Endangered Species Plant Survey Project
SGFO	L16AC00034	Range and Resource Management Internship
SGFO	L16AC00094	Recreation Resource Management
UTSO	L13AC00095	National History Trails Inventory
UTSO	L12AC20612	Wilderness Study Area Pilot Project
UTSO	L13AC00277	Paleo Database
UTSO	L14AC00365	Recreation Site Design
UTSO	L16AC00103	AIM Statewide Implementation

Application for Federal Assistance SF-424		
<b>* 1. Type of Submission:</b> <input type="checkbox"/> Preapplication <input checked="" type="checkbox"/> Application <input type="checkbox"/> Changed/Corrected Application		
<b>* 2. Type of Application:</b> <input checked="" type="checkbox"/> New <input type="checkbox"/> Continuation <input type="checkbox"/> Revision		
<b>* If Revision, select appropriate letter(s):</b> <input type="text"/> <b>* Other (Specify):</b> <input type="text"/>		
<b>* 3. Date Received:</b> <input type="text" value="02/02/2017"/>		<b>4. Applicant Identifier:</b> <input type="text"/>
<b>5a. Federal Entity Identifier:</b> <input type="text"/>		<b>5b. Federal Award Identifier:</b> <input type="text"/>
<b>State Use Only:</b>		
<b>6. Date Received by State:</b> <input type="text"/>		<b>7. State Application Identifier:</b> <input type="text"/>
<b>8. APPLICANT INFORMATION:</b>		
<b>* a. Legal Name:</b> <input type="text" value="American Conservation Experience"/>		
<b>* b. Employer/Taxpayer Identification Number (EIN/TIN):</b> <input type="text" value="37 1473291"/>		<b>* c. Organizational DUNS:</b> <input type="text" value="1453726160000"/>
<b>d. Address:</b>		
<b>* Street1:</b> <input type="text" value="2900 North Fort Valley Rd"/>		
<b>Street2:</b> <input type="text"/>		
<b>* City:</b> <input type="text" value="Flagstaff"/>		
<b>County/Parish:</b> <input type="text"/>		
<b>* State:</b> <input type="text" value="AZ: Arizona"/>		
<b>Province:</b> <input type="text"/>		
<b>* Country:</b> <input type="text" value="USA: UNITED STATES"/>		
<b>* Zip / Postal Code:</b> <input type="text" value="86001 8310"/>		
<b>e. Organizational Unit:</b>		
<b>Department Name:</b> <input type="text"/>		<b>Division Name:</b> <input type="text"/>
<b>f. Name and contact information of person to be contacted on matters involving this application:</b>		
<b>Prefix:</b> <input type="text"/>		<b>* First Name:</b> <input type="text" value="Shane"/>
<b>Middle Name:</b> <input type="text"/>		
<b>* Last Name:</b> <input type="text" value="Barrow"/>		
<b>Suffix:</b> <input type="text"/>		
<b>Title:</b> <input type="text"/>		
<b>Organizational Affiliation:</b> <input type="text"/>		
<b>* Telephone Number:</b> <input type="text" value="801 946 2722"/>		<b>Fax Number:</b> <input type="text"/>
<b>* Email:</b> <input type="text" value="sbarrow@usaconservation.org"/>		

<b>Application for Federal Assistance SF-424</b>		
<b>* 9. Type of Applicant 1: Select Applicant Type:</b> <input type="text" value="M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)"/> <b>Type of Applicant 2: Select Applicant Type:</b> <input type="text"/> <b>Type of Applicant 3: Select Applicant Type:</b> <input type="text"/> <b>* Other (specify):</b> <input type="text"/>		
<b>* 10. Name of Federal Agency:</b> <input type="text" value="Bureau of Land Management"/>		
<b>11. Catalog of Federal Domestic Assistance Number:</b> <input type="text" value="15.231"/> <b>CFDA Title:</b> <input type="text" value="Fish, Wildlife and Plant Conservation Resource Management"/>		
<b>* 12. Funding Opportunity Number:</b> <input type="text" value="L17AS00001"/> <b>* Title:</b> <input type="text" value="BLM FY2017 Bureau wide National Conservation Lands Scientific Studies Support Program"/>		
<b>13. Competition Identification Number:</b> <input type="text"/> <b>Title:</b> <input type="text"/>		
<b>14. Areas Affected by Project (Cities, Counties, States, etc.):</b> <input type="text"/> <input type="button" value="Add Attachment"/> <input type="button" value="Delete Attachment"/> <input type="button" value="View Attachment"/>		
<b>* 15. Descriptive Title of Applicant's Project:</b> <input type="text" value="WSA Monitoring WildSnap Implementation"/>		
Attach supporting documents as specified in agency instructions. <input type="button" value="Add Attachments"/> <input type="button" value="Delete Attachments"/> <input type="button" value="View Attachments"/>		

<b>Application for Federal Assistance SF-424</b>	
<b>16. Congressional Districts Of:</b>	
* a. Applicant: <input type="text" value="AZ01"/>	* b. Program/Project: <input type="text" value="UT01"/>
Attach an additional list of Program/Project Congressional Districts if needed.	
<input type="text"/>	<input type="button" value="Add Attachment"/> <input type="button" value="Delete Attachment"/> <input type="button" value="View Attachment"/>
<b>17. Proposed Project:</b>	
* a. Start Date: <input type="text" value="04/01/2017"/>	* b. End Date: <input type="text" value="03/31/2022"/>
<b>18. Estimated Funding (\$):</b>	
* a. Federal	<input type="text" value="25,000.00"/>
* b. Applicant	<input type="text" value="23,126.40"/>
* c. State	<input type="text" value="0.00"/>
* d. Local	<input type="text" value="0.00"/>
* e. Other	<input type="text" value="0.00"/>
* f. Program Income	<input type="text" value="0.00"/>
* g. TOTAL	<input type="text" value="48,126.40"/>
<b>* 19. Is Application Subject to Review By State Under Executive Order 12372 Process?</b>	
<input type="checkbox"/> a. This application was made available to the State under the Executive Order 12372 Process for review on <input type="text"/> .	
<input type="checkbox"/> b. Program is subject to E.O. 12372 but has not been selected by the State for review.	
<input checked="" type="checkbox"/> c. Program is not covered by E.O. 12372.	
<b>* 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)</b>	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
If "Yes", provide explanation and attach	
<input type="text"/>	<input type="button" value="Add Attachment"/> <input type="button" value="Delete Attachment"/> <input type="button" value="View Attachment"/>
<b>21. *By signing this application, I certify (1) to the statements contained in the list of certifications** and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 218, Section 1001)</b>	
<input checked="" type="checkbox"/> ** I AGREE	
** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.	
<b>Authorized Representative:</b>	
Prefix: <input type="text"/>	* First Name: <input type="text" value="Shane"/>
Middle Name: <input type="text"/>	
* Last Name: <input type="text" value="Barrow"/>	
Suffix: <input type="text"/>	
* Title: <input type="text" value="National Internship Director"/>	
* Telephone Number: <input type="text" value="801 946 2722"/>	Fax Number: <input type="text"/>
* Email: <input type="text" value="sbarrow@usaconservation.org"/>	
* Signature of Authorized Representative: <input type="text" value="Chris Baker"/>	* Date Signed: <input type="text" value="02/02/2017"/>

DOI-2021-02 00279

## Key Contacts Form

**\* Applicant Organization Name:**

American Conservation Experience

Enter the individual's role on the project (e.g., project manager, fiscal contact).

**\* Contact 1 Project Role:** Federal Grants and Finance Manager

Prefix:

\* First Name: Annie

Middle Name:

\* Last Name: Meltzer

Suffix:

Title:

Organizational Affiliation:

\* Street1: 623 East 2100 South Suite #B1

Street2:

\* City: Salt lake City

County:

\* State: UT: Utah

Province:

\* Country: USA: UNITED STATES

\* Zip / Postal Code: 84106

\* Telephone Number: 385 249 0823

Fax:

\* Email: ameltzer@usaconservation.org

## Key Contacts Form

**\* Applicant Organization Name:**

American Conservation Experience

Enter the individual's role on the project (e.g., project manager, fiscal contact).

**\* Contact 2 Project Role:** National Program Manager, BLM

Prefix:

**\* First Name:** Kelly

Middle Name:

**\* Last Name:** Barrett

Suffix:

Title:

Organizational Affiliation:

**\* Street1:** 623 East 2100 South Suite #B1

Street2:

**\* City:** Salt Lake City

County:

**\* State:** UT: Utah

Province:

**\* Country:** USA: UNITED STATES**\* Zip / Postal Code:** 84106**\* Telephone Number:** 372 272 0472

Fax:

**\* Email:** kbarrett@usaconservation.org

## Key Contacts Form

**\* Applicant Organization Name:**

American Conservation Experience

Enter the individual's role on the project (e.g., project manager, fiscal contact).

**\* Contact 3 Project Role:** National Internship Manager

Prefix:

\* First Name: Shane

Middle Name:

\* Last Name: Barrow

Suffix:

Title:

Organizational Affiliation:

\* Street1: 623 East 2100 South Suite #B1

Street2:

\* City: Salt Lake City

County:

\* State: UT: Utah

Province:

\* Country: USA: UNITED STATES

\* Zip / Postal Code: 84106

\* Telephone Number: 801 946 2722

Fax:

\* Email: sbarrow@usaconservation.org

CERTIFICATION REGARDING LOBBYING

Certification for Contracts Grants Loans and Cooperative Agreements

The undersigned certifies to the best of his or her knowledge and belief that

(1) No Federal appropriated funds have been paid or will be paid by or on behalf of the undersigned to any person for influencing or attempting to influence an officer or employee of an agency a Member of Congress an officer or employee of Congress or an employee of a Member of Congress in connection with the awarding of any Federal contract the making of any Federal grant the making of any Federal loan the entering into of any cooperative agreement and the extension continuation renewal amendment or modification of any Federal contract grant loan or cooperative agreement

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency a Member of Congress an officer or employee of Congress or an employee of a Member of Congress in connection with this Federal contract grant loan or cooperative agreement the undersigned shall complete and submit Standard Form-LLL "Disclosure of Lobbying Activities " in accordance with its instructions

(3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts subgrants and contracts under grants loans and cooperative agreements) and that all subrecipients shall certify and disclose accordingly This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352 title 31 U S Code Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10 000 and not more than \$100 000 for each such failure

Statement for Loan Guarantees and Loan Insurance

The undersigned states to the best of his or her knowledge and belief that

If any funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency a Member of Congress an officer or employee of Congress or an employee of a Member of Congress in connection with this commitment providing for the United States to insure or guarantee a loan the undersigned shall complete and submit Standard Form-LLL "Disclosure of Lobbying Activities " in accordance with its instructions Submission of this statement is a prerequisite for making or entering into this transaction imposed by section 1352 title 31 U S Code Any person who fails to file the required statement shall be subject to a civil penalty of not less than \$10 000 and not more than \$100 000 for each such failure

* APPL CANT'S ORGAN ZAT ON			
<div>American Conservation Experience</div>			
* PR NTED NAME AND T TLE OF AUTHOR ZED REPRESENTAT VE			
Prefix	* First Name	Middle Name	
	Shane		
* Last Name	Suffix		
Barrow			
* Title	<div>National Internship Director</div>		
* S GNATURE		* DATE	
Chris Baker		02/02/2017	