

### **Education, Outreach, and Broader Impacts Partners**

The internal and external organizations listed here are engaged in education and outreach activities that may, through partnerships, help investigators realize their broader impact goals. Please first contact them about potential partnerships prior to including them in proposals. Partnerships should be mutually beneficial and built with common understandings and goals.

#### **UNIVERSITY of IDAHO**

##### **DIG’NIT Initiative, UI Coeur d’Alene**

DIG’NIT is an academic summer technology enrichment program that creates paths to college for area students with high potential but limited opportunities, while promoting careers in fields related to Science, Technology, Engineering, Art, and Mathematics (STEAM)

Serves: Middle school and high school students

Website: <https://www.uidaho.edu/cda/outreach/dignit>

##### **Student Success Center, UI Moscow**

The Student Success Program provides in-house resources for students living in the residence halls, and offers peer mentoring, tutoring, flexible study spaces and a computer resource center. Academic Peer Mentors provide 46 hours of free tutoring weekly. The program offers tutoring for over 50 classes, as well as workshops to help develop successful academic habits. Campus partners including the financial aid office, library, and study abroad office also facilitate Student Success Program workshops.

Serves: Undergraduate students

Website: <https://www.uidaho.edu/student-life/housing/success-program>

##### **Office of Undergraduate Research, UI Moscow**

The Office of Undergraduate Research supports student engagement in research, scholarly and creative activities at the University of Idaho. We foster student engagement across all disciplines by raising the visibility of undergraduate research, facilitating research opportunities for students and helping students showcase their work.

Serves: Undergraduate students

Website: <https://www.uidaho.edu/research/students/undergraduate-research>

##### **McCall Outdoor Science School (MOSS), UI, McCall ID**

MOSS is operated by the University of Idaho’s College of Natural Resources. The University and its partners use MOSS to foster scientific literacy, leadership skills and open-minded dialogue through graduate and professional education, **youth science programs**, seminars, and more. See article about Native American STEM project here: <http://www.uidaho.edu/news/here-we-have-idaho-magazine/moss-lapwai-project>

Serves: K-12 students; K-12 teachers; graduate students; community members

Website: <https://www.uidaho.edu/cnr/mccall-outdoor-science-school>

### **TRiO-INSPIRE, UI Moscow and UI Coeur d'Alene**

TRIO, a federally-funded pre-college program and sponsored by the U of I, provides educational opportunity for the economically disadvantaged. It includes STEM Access Upward Bound, Nations Upward Bound, Educational Talent Search, Bridge Idaho, Benewah Latah Upward Bound, Educational Opportunity Center, and more.

Serves: Underserved middle school and high school students, first-generation students

Website: <https://www.uidaho.edu/ed/academics/trio> and <https://www.uidaho.edu/cda/outreach/trio>

### **STEM Access**

The project connects students in the Lewis-Clark Valley with college and careers, especially in the areas of science, technology, engineering and math (STEM). We provide information, individual services, field-trips and campus experiences to support the path of our students all the way through high school to college. We work with students in Lewiston, Clarkston and Asotin school districts throughout their high school career on college preparation and support.

Serves: Underserved high school and undergraduate students

Website: <https://stemaccess.wordpress.com/> and <https://www.uidaho.edu/ed/departments/trio/projects>

### **Center for Innovation + Learning, UI Moscow**

The Center for Excellence in Teaching and Learning (CETL) is a full-service faculty development center supporting all aspects of faculty success at all career stages, within and across all academic programs. CETL collaborates with faculty to design transformative educational experiences that improve the lives and learning of our students through innovative, and often collaborative, teaching, research and service. **The Doceo Center** Leads teaching innovation and technology integration initiatives at the University and in K-12 schools in the state of Idaho, by supporting, teaching, modeling, and researching technology integration practices amongst teacher education candidates, school administration candidates, early career teachers, practicing teachers and administrators, university faculty, and K-12 school districts and by providing resources and research to state and national audiences.

Serves: Undergraduate students; K-12 teachers and administrators; university faculty

Website: <https://www.webpages.uidaho.edu/cetl/>

### **The Confluence Lab**

The Confluence Lab incubates and implements creative interdisciplinary research projects that bring together scholars in the humanities, social sciences, and sciences, and community members, to engage environmental issues in the state of Idaho... Our projects investigate conceptual and communication barriers that underlie debates about controversial issues especially relevant to rural communities, such as public land use, natural resource management, wildfires, drought, energy infrastructure and the causes and effects of climate change. What we do

- Collaborate to identify challenges to addressing environmental problems
- Foster fresh approaches to these problems that encourage innovative and inclusive understandings of our environment
- Create occasions for dialogue, including performances, exhibits, readings, and symposia

- Execute outreach projects in the service of a healthier state

Serves: U of I faculty

Website: <https://www.uidaho.edu/class/english/confluence>

### **IDAH2O Master Water Stewards Program, UI Coeur d'Alene**

The IDAH<sub>2</sub>O Master Water Stewards program is a volunteer, **citizen scientist** effort to collect basic water quality data for Idaho streams. This program is offered through University of Idaho Extension to provide a unique opportunity to learn about and document regional water issues.

Serves: K-12 students and teachers; community members

Website: <https://www.uidaho.edu/extension/idah2o>

### **Idaho Water Resources Research Institute, UI Moscow**

The Idaho Water Resources Research Institute (IWRRI) conducts and direct research to support the water resource needs of the state of Idaho, the northwest region and the nation. Furthermore, IWRRI is charged with the training of students and with facilitating faculty as they work toward excellence in water resource science. IWRRI also plays an important role in facilitating, participating in and developing **innovative education/outreach programs** that provide research-generated information to water managers, agency research scientists and the public at large.

Serves: community members; researchers

Website: <https://www.uidaho.edu/research/entities/iwrri>

Contact: [iwrri@uidaho.edu](mailto:iwrri@uidaho.edu)

### **Center on Disabilities and Human Development (CDHD)**

CDHD is Idaho's University Center for Excellence in Developmental Disabilities (UCEDD). There are 67 UCEDDs throughout the U.S. and its territories; each one associated with a university. CDHD advances evidence-based policy and practice for people with disabilities, their families, and communities through exemplary and innovative education, outreach, research, and service.

Serves: students, community members, researchers

Website: <https://idahocdhd.org/>

Contact: [idahocdhd@uidaho.edu](mailto:idahocdhd@uidaho.edu)

### **UI Extension 4-H Youth Development, UI statewide**

Serves: K-12 students; community members

Website: <https://www.uidaho.edu/extension/4h>

### **UI Extension 4-H Robotics programs, UI Extension, Boise**

This state-wide Extension program is designed to create **engaging, hands-on access to STEM education**, providing a progression of programs for youth ages K-12, in both competitive and non-competitive formats.

Website: [https://www.uidaho.edu/extension/4h/programs/robotics?utm\\_campaign=ext-rwd&utm\\_content=ext-nutrient-mgmt-conf&utm\\_medium=web&utm\\_source=primary](https://www.uidaho.edu/extension/4h/programs/robotics?utm_campaign=ext-rwd&utm_content=ext-nutrient-mgmt-conf&utm_medium=web&utm_source=primary)

Serves: K-12 students

## **UNITY**

UNITY is an umbrella organization that includes membership from 16 multicultural student organization, including: Association of Latino Professionals of America, Black Student Union, College Assistance Migrant Program Organization of Students, Gamma Alpha Omega Sorority, Gender and Sexuality Alliance, Movimiento Activista Social, Native American Student Association, National Society of Black Engineers, Organización de Estudiantes Latino Americanos, Society of Hispanic Professional Engineers

Website: <https://www.uidaho.edu/diversity/edu/oma/student-orgs/unity>

Serves: UI students

#### **Native American Student Center, UI Moscow**

The Native American Student Center (NASC) **empowers Native American students** by meeting academic, social and cultural needs as they navigate the college experience.

Serves: Undergraduate students from Native American communities

Website: <https://www.uidaho.edu/diversity/dhr/native-american-student-center>

#### **Helping Orient Indian Students and Teachers into STEM (HOIST), UI Moscow**

HOIST is a six-week **college preparatory program** held during summer session at the University of Idaho. The program is for Native American high school students that have demonstrated potential in science, technology, engineering or math (STEM) fields.

Serves: Undergraduate students from Native American communities

Website: <https://www.uidaho.edu/diversity/dhr/native-american-student-center/academics/hoist>

#### **College Assistance Migrant Program (CAMP), UI Moscow**

CAMP assists students who have qualifying migrant/seasonal farm work backgrounds by providing financial and academic support services.

Serves: Undergraduate students from Hispanic and Latinx communities

Website: <https://www.uidaho.edu/diversity/edu/college-assistance-migrant-program>

#### **UI Chapter, Society for Advancement of Chicanos/Hispanics and Native Americans in Science (UI SACNAS) – UI Moscow**

SACNAS is a national organization that promotes diversity in STEM by creating spaces in which everybody is welcome and diverse voices, experiences, backgrounds, and talents are celebrated. UI's chapter of SACNAS aims to provide space for all students to express themselves in an authentic way, while also providing valuable opportunities for professional development and networking.

Serves: Hispanic and Native American undergraduate and graduate students

Website: <https://uisacnas.weebly.com/>

#### **U of I STEM Office of STEM Education – STEM Initiative, UI Moscow**

The mission of the University's Office of STEM Education is to marshal resources and provide support to faculty across campus so that they can provide high quality STEM education outreach and engage in meaningful STEM educational research.

Serves: University faculty

Website: <https://www.uidaho.edu/academics/stem>

#### **College of Agriculture and Life Sciences (CALs) 'Summer of Science', UI Moscow**

UI CALS brings the Summer of Science to the Moscow Farmer's Market, offering agricultural science activities for children ages 5 to 11 throughout the market season. CALS faculty experts and students introduce participants to topics like entomology, animal science, plant science, nutrition, and food science.

Serves: K-6 students and families

Website: <https://www.uidaho.edu/cals/news-and-events/farmers-market>

### **Women in Engineering Events, UI Moscow**

The College of Engineering strives to double its number of women students to 25 percent and women faculty to 15 percent in the next decade. This effort is part of a larger strategy to foster an inclusive, more diverse community of students, faculty, and staff and prepare our college.

Serves: Female undergraduate students

Website: <https://www.uidaho.edu/engr/diversity/wie>

Contact: [engr-sss@uidaho.edu](mailto:engr-sss@uidaho.edu)

### **College of Engineering Diversity and Inclusion Initiative**

Our college has a diversity plan in place to guide our actions as we work to become more inclusive and diverse with regard to gender, race, or any other characteristic that makes our student body unique. Our comprehensive plan is staged over three years with annual goals and metrics to evaluate progress. Adjustments will be made to continue beyond the first three years.

Serves: Female and underrepresented undergraduate students

Website: <https://www.uidaho.edu/engr/diversity/plan>

### **Engineering Design EXPO, UI Moscow**

The University of Idaho Engineering Design EXPO welcomes young learners, industry leaders and community members to experience the many ways U of I students are making a difference and solving real-world problems. More than 500 students grades K-16, along with industry and community leaders, attend this event each year.

Serves: High school and middle school students; undergraduate students

Website: <https://www.uidaho.edu/engr/events/expo>

Contact: [engr-sss@uidaho.edu](mailto:engr-sss@uidaho.edu)

### **Northwest Youth Financial Education, UI Boise**

Northwest Youth Financial Education, a partnership between University of Idaho Extension and Northwest Farm Credit Services, is a program designed to increase financial literacy among youth and young adults. Our goal is to deliver fun, interactive programs to increase knowledge, improve economic prospects and teach money skills for life.

Serves: Youth and families

Website: <https://www.uidaho.edu/extension/4h/programs/nw-youth-financial-ed>

### **Sustainability Center, UI Moscow**

A student-led and student-funded organization, the Sustainability Center supports efforts to create an active culture of sustainability and we are committed to developing and maintaining healthful, educational living environments while fully integrating sustainable practices at the University of Idaho.

Serves: U of I community

Website: <https://www.uidaho.edu/current-students/sustainability-center>

Contact: [uisc@uidaho.edu](mailto:uisc@uidaho.edu)

### **James A. and Louise McClure Center for Public Policy Research**

The McClure Center is Idaho's most trusted and preeminent public policy research center. Located in Boise, across from the State Capitol building, the McClure Center conducts high-quality, nonpartisan public policy research, convenes diverse stakeholders to develop solutions to Idaho's toughest policy issues, hosts events, communicates complex policy findings to technical and non-technical audiences and engages students through applied learning and research experiences in public policy.

Serves: General public, policy makers, university researchers, industry partner, Faculty, students at all levels.

Website: <https://www.uidaho.edu/president/direct-reports/mcclure-center>

Contact: [mcclurecenter@uidaho.edu](mailto:mcclurecenter@uidaho.edu)

### **Center for Volunteerism & Social Action - UI Moscow and Community Partners**

Community Partners play a key role in providing meaningful opportunities for student engagement that are mutually beneficial to students and community partners. The Center for Volunteerism and Social Action fosters these connections and facilitates engagement between campus and communities. Each semester, U of I students seek out opportunities to engage with their community. These opportunities range from one-time events, to semester-long service learning internships.

Serves: U of I students and Moscow community

Website: <https://www.uidaho.edu/current-students/student-involvement/volunteer/community-partners>

### **Center for Resilient Communities (CRC)**

CRC address the social, economic and environmental issues that affect the resilience of communities in Idaho and the Western United States through the co-production of knowledge based on collaborative interdisciplinary research, and the development and application of social-ecological systems science.

Serves: Community partners

Website: <https://www.uidaho.edu/caa/galleries-centers-and-labs/crc/about>

### **Arboretum Associates**

The Arboretum Associates is the volunteer, fundraising group supporting the Arboretum. The Associates sponsor an annual plant sale in the spring, an acoustic concert featuring community members and students from the Lionel Hampton School of Music in July, and fund Science Saturdays - educational programs using the Arboretum resources to target school age children on Saturdays during the summer months.

Serves: General public

Website: <https://www.uidaho.edu/infrastructure/facilities/arboretum/about-us/arboretum-associates>

### **Center on Disabilities and Human Development**

The Center on Disabilities and Human Development (CDHD) is Idaho's University Center for Excellence in Developmental Disabilities (UCEDD). There are 67 UCEDDs throughout the U.S. and its territories; each

one associated with a university. UCEDDs strive, through education, outreach, research, and service to accomplish a shared vision that foresees a nation in which all Americans, including Americans with disabilities, participate fully in their communities.

Website: <https://idahocdh.org/>

### **EXTERNAL to University of Idaho**

#### **Idaho STEM Action Center, Boise ID**

The STEM Action Center engineers innovative STEM opportunities for educators, students, communities and industry to build a competitive Idaho workforce and economy through

- Expanding educator access to STEM professional development
- Increasing focus on workforce development through university and industry partnerships
- Supporting K-12 student competitions and camp opportunities

Serves: K-12 students and teachers; community members; industry partners

Website: <https://stem.idaho.gov/>

#### **Discovery Center of Idaho, Boise, ID**

Discovery Center of Idaho is Idaho's only hands-on science center, providing fun, interactive STEM learning by bringing the community over 150 hands on exhibits, non-traditional educational programming for all ages, and a safe space for all to explore. Located in the heart of Boise's downtown, the Center has been inspiring lifelong interest and learning in science, technology, engineering, and math since 1988.

Website: <https://www.dcidaho.org/>

#### **Palouse Discovery Science Center**

The Palouse Discovery Science Center is a non-profit organization whose purpose is to further the public's understanding of science and technology through the use of educational programs, exhibits, teaching collections, and activities which emphasize the physical participation of individuals. The offerings of the PDSC will support and enhance science in both formal and informal situations involved with lifelong learning.

Website: <https://www.palousescience.net/>

#### **Idaho Conservation Corps, Boise, ID**

Idaho Conservation Corps offers a challenging education and job-training experience that helps youth and young adults from diverse backgrounds develop the skills they need to lead full and productive lives.

Serves: Youth 16-18 years

Website: <http://www.idahocc.org/>

#### **Phillips Farm Nature Camp, Moscow ID**

Day campers at Phillips Farm Nature Camp, hosted at the Virgil Phillips Farm County Park, discover all that nature has to offer as they hike the trails, explore the pond, and learn about local wildlife. Songs, games, outdoor adventures make this camp a summer highlight, with camp educators Mike and Tammy Bonney.

Serves: K-12 students

Website: <https://friendsofphillipsfarm.weebly.com/>

Contact: [parks@latah.id.us](mailto:parks@latah.id.us)

### **Moscow School District Afterschool Adventure Club, Moscow ID**

The Adventure Club provides after school enrichment for kindergarten through fifth graders during the school year, and a Summer Program for children entering the kindergarten through seventh grades. The program's mission is to provide a supervised environment that promotes intellectual, physical, and social development.

Serves: K-12 students

Website: [https://www.ms281.org/parent\\_resource/special\\_programs/adventure\\_club](https://www.ms281.org/parent_resource/special_programs/adventure_club)

### **Moscow Public School Programs, Moscow, ID**

Environmental Club (Moscow High School and Middle School)

Extended Learning Internship (Moscow High School)

Other clubs

Website: <http://moscowsdhs.ss18.sharpschool.com/>

### **Nez Perce National Historical Park, Lapwai, ID**

Nez Perce National Historical Park is a non-traditional national park in that it consists of 38 sites, which together tell the story of the nimí·pu· (Nez Perce). These sites are spread over much of the traditional homeland of the nimí·pu· in present-day Idaho, Montana, Oregon, and Washington. Staff are located at the visitor center in Spalding, ID, at the Big Hole National Battlefield near Wisdom, Montana, and at the Bear Paw Battlefield near Chinook, Montana. Spalding, Idaho is home to the Nez Perce National Historical Park's visitor center and park headquarters along with several historic sites.

Website: <https://www.nps.gov/nepe/index.htm>

Serves: General public

### **Moscow Senior Center**

Senior citizens gather in the Senior Center (located in the 1912 Center) for many activities, including card playing, mah jongg, bingo, Blind and Diabetic Support group, computer instruction, computer use, jigsaw puzzles, and socializing throughout the week. The Moscow senior meal site, operated by "Friendly Neighbors," serves hot, low cost, nutritious lunches on Tuesday and Thursday.

Website: <http://users.moscow.com/srcenter/>

### **Heart of the Arts, Inc.**

Heart of the Arts, Inc. is a non-profit company that seeks to develop and fund artistic and cultural programs in the 1912 Center.

- Provide space and programs that welcome the greater Moscow community, residents and non-residents alike.
- Foster connections between the community and various art forms.
- Unite the community across the lines of age, race, gender and economics.
- Give visibility to the history of this community.
- Nurture new programs and organizations to meet emerging community needs

Website: <https://www.1912center.org/about.php>



### **Latah County Historical Society**

Latah County Historical Society exists to preserve the heritage of Latah County, and put it to use for the benefit of our citizens and communities. We accomplish these ends with exhibits, educational programs, research facilities, public events, community collaborations, and publications. We collect, preserve, share, and celebrate the history of Latah County in order to promote a deeper understanding of the many experiences that make up our shared past.

Website: <https://www.latahcountyhistoricalsociety.org/ourhistory>

### **Palouse Clearwater Environmental Institute (PCEI)**

PCEI connect people, place and community. Our programs encourage sustainable living, provide experiential learning, and offer opportunities for serving in our community, while actively protecting and restoring our natural resources.

PCEI Website: <https://pcei.org/>

PCE Science After Hours: <https://pcei.org/>

### **Idaho National Laboratory**

#### **Community and Education Outreach**

INL conducts vital research in nuclear energy technologies, clean energy technologies, critical infrastructure protection, national defense and homeland security, and cyber security. INL provides tours and onsite speaker presentations. The mission of INL's K-12 Education Enrichment Programs is to inspire Idaho's future STEM workforce; impact students, teachers and families by integrating best practices in STEM education; and empower employees to become STEM mentors to transform K-12 Education Enrichment into a driver for innovation.

INL Outreach: <https://inl.gov/inl-initiatives/community-outreach>

### **Resources**

[Education Resources Information Center MSPnet \(K-12 resources\)](#)

[Center for the Advancement of Informal Science Education](#)

[National Center for Science and Engineering Statistics \(NCSES\)](#) (statistics supporting need/motivation)

[National Academies Press](#) (Reports on STEM education)

[DRK-12 Resources](#) (K-12 resources)

[Teach Engineering](#) (resources for K -12 in engineering)

[Department of Education What Works Clearinghouse](#) (reviews the existing research on different programs, products, practices, and policies in education)

