This is a consolidated version of every email send across the SGD listserv for the past week. If you are interested in more info about the opportunity please access the archived emails here using the instructions at the bottom of this email.

**SGD Weekly Internships, Scholarships, and Opportunities Digest**

2/1-2/7

**Events**

SGD Colloquium Series: Dr. Susanne Moser: Successful Adaptation to Climate Change: Friday January 30 3:30--4:45

UA Health Professions Week: Feb 15-20th

Webinar on Teaching English Abroad: February 10th

Real Estate Connections: February 17th

UA Alum Entrepreneurship Panel: Feb 11th 530-7pm

SPECIAL NSF: RESEARCH OPPORTUNITY FOR UNDERGRADUATE SECTION

**Scholarships/Fellowships**

Honors College Undergraduate Research Grants (open to all)
students)- Due Feb 13th

2015 USGIS Scholarships: For those who do GIS or remote sensing

Arizona Association of Environmental Professionals 2015 Scholarship Program

Study Abroad Scholarships for Summer/Fall 2015

Udall Undergraduate Scholarship - DUE MARCH 4th

2015 Monique Wittig Writer's Scholarship - DUE APRIL 1st

$750 Undergraduate Project Award in Water Security - DUE MARCH 2nd

Internships/Jobs

Field Leader Positions: Student Conservation Association

Paid internships with UA Cooperative Extension Sustainability Team

Office of Science & Technology Policy: Summer Internship program

Paid Internship/Job in Nicaragua

Young Leaders in Climate Change Summer Internships

UA Federal Relations DC Internship Scholarship

FRONTERA needs summer interns to work on health issues on the border- Deadline February 20th

Local First Arizona Hiring Three Student Interns

SALT Center is hiring Geog/PLG tutors for Spring 2015

Technicians for Sustainability is Hiring! - Rolling deadline

Women in Science and Engineering Spring 2015 Internships

NASA DEVELOP Applied Science Internship program

---

Events

SGD Colloquium Series

Please join us for the SGD colloquium, Friday, January 30, 3:30-4:45 pm, Harvill 404. Coffee and cookies start at 3.
What would successful adaptation to climate change look like? This question has no simple answer, but one that can focus on various aspects of the adaptation process, and that is complicated by geographic factors (scale, place-dependence, and spatial interdependence), temporal factors (rate of change, time lags), and normative/subjective differences. In the US, despite federal, state and local-level commitments to prepare for and manage the impacts of climate change, it remains difficult to move beyond adaptation planning and decide on a particular course of action, to garner the necessary political and social support in budget-constrained times, and to implement concrete adaptation measures. At the same time, many sectors and communities already face difficult choices and trade-offs as climate change impacts unfold with growing speed and fury and as adopting either more stringent or novel strategies to strengthen and retain resilience produces winners and losers. This presentation provides a framework for thinking about adaptation success, applies it in a coastal context, and explores the role that science can play in helping communities define for themselves what "success" or "progress in a desirable direction" might look like.

**Dr. Susanne Moser** is Director and Principal Researcher of Susanne Moser Research & Consulting, in Santa Cruz, CA, USA, a Social Science Research Fellow at Stanford’s Woods Institute for the Environment, and a Research Associate of the Institute for Marine Sciences at the University of California-Santa Cruz. As a nationally and internationally recognized expert in adaptation, climate change communication for social change, and science-policy interactions, she works with researchers, governmental and non-governmental organizations in the US, Europe and Australia. Dr. Moser is a geographer (Ph.D. 1997, Clark University) with broad interdisciplinary expertise, and previously held positions at the National Center for Atmospheric Research in Boulder, Colorado, the Heinz Center in Washington, DC, and the Union of Concerned Scientists. She currently or has in the past served on scientific and advisory boards for Future Earth, the International Social Science Council, the International Human Dimensions Program, the US National Research Council, and numerous other agencies and organizations. She contributed to the Fourth and Fifth Assessment Reports of the IPCC and served as a Review Editor for the IPCC Special Report on extreme events, disaster risk management and adaptation. She also was a member of the federal advisory committee on the Third US National Climate Assessment, co-lead that committee's Engagement and Communication working group, and served as one of the Convening Lead Authors on the assessment's coastal chapter. She is a fellow of the Aldo Leopold Leadership, Kavli Frontiers of Science, Donella Meadows Leadership, Google Science Communication, and Walton Sustainability Solutions Programs. 

**REAL ESTATE CONNECTIONS: FEBRUARY 17, 4:00 – 6:30 PM**
Sundt Gallery, Architecture Building, University of Arizona campus
Please join us for our second annual Real Estate Connections (free) event on Tuesday, February 17 from 4:00-6:30 pm. You will have a chance to learn about careers in real estate development and to meet seasoned real estate professionals. Hors d’oeuvres and beverages served. **Deadline for registration is February 13; tickets are limited so don’t delay.**

Follow this link to register: [http://www.eventbrite.com/e/real-estate-connections-tickets-15611503427](http://www.eventbrite.com/e/real-estate-connections-tickets-15611503427).

Amazing opportunities for all students in any major interested in health professions: **UA Health Professions Week!** Events are scheduled throughout the week of February 15 - 20, starting Sunday, Feb. 15, with a workshop on MCAT 2015, What’s New and how to prepare, free pizza while you explore Health Professions, a kick off presentation by Dr. Peter Rhee with a viewing of “Level One Trauma,” a Personal Statement Triage opportunity for students to receive feedback on their ideas for or drafts of their personal statements, learn how to find clinical experience and MORE! Details at: [http://clas.arizona.edu/healthprofessionsweek](http://clas.arizona.edu/healthprofessionsweek)

---

**Entrepreneurship: Working Outside the Proverbial Box**

Find out how some UA alums translated their entrepreneurial zeal into a rewarding career and get insight into how you might do so too at our Unusual Entrepreneurs Career Panel & Networking Event. This creative group of panelists includes tech experts, a chalkboard artist, creators of hand-crafted bottle openers made from 50 caliber ammunition, owners of a residential food waste start up, owners of an ice cream delivered via environmentally-friendly truck business and a Tech Launch Arizona Ambassador.

Whether you are just considering an entrepreneurial career, or are absolutely certain this creative career path is your destiny, you should check out this Panel and Networking Event on Wednesday, February 11th, 5:30 pm to 7 pm in the Catalina Meeting Room on the 3rd floor of the Student Union Memorial Center. Panelists will share information on their own career paths, trends and critical skills students should hone.

A UA Student Services fee grant has made this career panel/networking event series possible. Seating is limited and food and beverage is included (free!). Interested students and alumni can RSVP by clicking the Unusual Entrepreneurs Career Panel RSVP link on this page: [www.career.arizona.edu/events/panels-mixers](http://www.career.arizona.edu/events/panels-mixers). Walk-ins are welcome. All students and alumni are invited to attend.
Webinar: Teaching English Abroad*

*When?/*
/Tuesday, February 10, 2015

*Eastern: 9 pm-10 pm;
Central: 8 pm -9 pm;
Mountain: 7 pm - 8 pm;
Pacific: 6 pm – 7 pm

*How much does it cost?
*Nothing - it's free.

*Who are the presenters?*
Veteran ITA advisors and teaching abroad experts Cassie Wells, John Bentley, and Ian Kelly Davis.

*Why should you tune in?*

* Learn about all aspects of *teaching English abroad*, including job opportunities, hiring requirements, salaries and more.
* Get the inside scoop on accredited *TEFL certification options*, and learn how you can receive the training and job placement assistance you need to get hired as an English teacher abroad.
* Gain insights into the differences and advantages of teaching English in *Europe*, *Asia*, *Latin America* and the *Middle East*.
* Interact with highly experienced *expert advisors* who are well versed in the process of TEFL certification and gaining employment teaching English abroad.

To register, follow the link below. You will receive a confirmation email and a reminder email on the day of the webinar with a link and instructions for how to log in (not special software is required).

Click Here to Register <http://www.internationalteflacademy.com/webinar-teaching-english-abroad-register?utm_campaign=University%20Outreach&utm_content=University%20Listserv%20Webinar%20Email&utm_source=email>

---

National Science Foundation, Research Experience for Undergraduates (REU's): Now is the Time to Apply!

REUs are a great way to spend the summer doing research!! We have had many majors do these
in the past and found them very beneficial. Check periodically for sites that are not up-to-date yet. There are many that do have their sites available for application. For those site that do not have their information ready check dates and information from last year to get an idea of upcoming application dates and dates of the program (they usually fall around the same dates).

Check out any of the projects that seem interesting, even if they don't list geography explicitly. Many have been open to our majors in the past even if geography was not a keyword, and once you read the longer description you may find it's a good fit. The stipends range from $3000-$5000 and housing may be provided in some cases. You can find a link to the search site here as well as an Excel file with selected research sites that SGD students are especially well-suited for.

Here are just a few of the great opportunities:

**Biosphere2: Research Experiences for Undergraduates**

**Program Information**
The Biosphere 2 REU provides 10 undergraduates an opportunity to conduct guided research in environmental and earth systems science at a leading and unique research institution. Students will receive stipends of $5,000 for the 10-week research internship, housing on the Biosphere 2 campus, $500 to cover travel costs to and from Tucson, AZ and a food allowance. The program runs from June 7 to August 13. Students will be selected from across the country to participate in the program. They will conduct research in Biosphere 2, in labs on the University of Arizona Campus, and potentially in the desert and mountain ecosystems in southern Arizona.

The REU program at B2 is supported by a grant from the National Science Foundation. We share the goals of the NSF to use the REU experience as a way to provide research opportunities for students who might not have such opportunities at their home institutions. The program will allow students to gain experience in research firsthand, as well as training and preparation for careers in science. It is our hope that participation in the REU program will help prepare students for graduate studies in science.

**How To Apply**
To apply to the B2 REU program, click on "Apply" link at left. Your application package will consist of (1) an application form that includes contact information, educational background, and optional information on gender and ethnic background; (2) a 2-page maximum narrative statement of educational and career goals, research experiences and interests; and (3) two letters of recommendation from faculty at your home institution. Application materials, including letters of recommendation must be received by February 20th, 2015.

**Am I Eligible to Apply?**
Students majoring in, or in a curriculum leading to one of the following fields in environmental or earth system science will be well suited to participate in the B2 REU: biology, ecology, plant sciences, hydrology, soil science, atmospheric science, geology, mathematics, physics, chemistry, or computer science. You must be an incoming sophomore, junior, or senior in the fall following your REU experience. Students must have a minimum 3.0 G.P.A. to be eligible for the program. You must be a U.S. citizen or permanent resident to be eligible for NSF/REU grant support. We encourage applications from students in groups underrepresented in science.

**Questions?**
Please contact the program coordinator, Dr. Mitchell Pavao-Zuckerman or Dr. Katerina Dontsova if you have questions about the program.
Globalization and Community Health in Costa Rica: due Feb 24th, $500/WEEK stipend

This NSF funded program offers undergraduate students a unique cross cultural field experience focusing on intensive interdisciplinary methodology, ethics training and mentorship.

- Students will gain practical experience while conducting community-based health research that brings together the social sciences with civil and environmental engineering (CEE).
- The program is a nine week course and consists of five weeks of interdisciplinary training on research ethics and methods (3 on line, pre-departure), and four weeks of intensive community based research
- Students’ cultural experience will be enriched by staying with local host family's during the program.
- The program is open to upper-level undergraduates in fields such as anthropology, civil and environmental engineering, and public health.
- Spanish proficiency is required.
- Students can opt to enroll in up to six credits in Anthropology and/or Civil and Environmental Engineering (tuition not covered by the grant)
- The NSF REU grant covers most program costs (except health insurance, tuition cost, and travel to Tampa -if necessary-) and provides a $500 a week stipend
- This material is based upon work supported by the National Science Foundation under Grant No. 1156735
- Program flyer

Space is limited. Deadline to apply is Feb 24, 2015

---

Human-Environment Regional Observatory

---

Program Description

The Human-Environment Regional Observatory (HERO) program is a unique undergraduate-graduate-faculty experience that engages in research on human-environment relationships in Massachusetts. HERO Fellows conduct hands-on research under the mentorship of Clark University faculty. The research conducted by HERO Fellows often leads to scholarly publications, presentations at academic conferences across the USA, and awards and honors.

This eight-week curriculum (June 8 through July 31, 2015) is sponsored by Clark University O'Connor Fund.
HERO Fellows analyze the causes and consequences of global environmental changes at local scales in faculty-led research projects. Each Fellow is paired with a Clark faculty mentor and other researchers on the HERO team and all work together in two research domains. Fellows will learn how to use various research methods, including GIS, remote sensing, geostatistical modeling, interviews and focus groups.

**HERO SUMMER 2015 CLARK APPLICATION ONLY**

**Research Areas**

**HERO-MA Research areas:**

Hero engages in two main areas of research concerning the causes and consequences of the Asian longhorn beetle (ALB) infestation in central Massachusetts on urban and ex-urban forests:

**Beetle Impact Assessment**

This stream produces validated measures of spatial and temporal changes in tree cover composition on the ALB-infestation area. Evaluate impacts of ALB on forest diversity and cover at present and in the future. Methodologies used include landscape metrics, GIS, remote sensing and geospatial modeling.

**Place-Making Assessment**

This stream assesses management and policymaking responses to community concerns in response to the ALB impacts, involving stakeholders throughout the analysis. Evaluate ALB impacts by socio-economic status, race/ethnicity and management/governance regime to explore how a more engaged stakeholder group would respond to policy as a result of the ALB experience. Methodologies used include qualitative methods, such as interviews and focus groups.

**HERO Summer 2015** six Clark Students will work in both of these research areas and will combine these research methods to further explore the issues impacted by ALB infestation and eradication.

**HERO Summer 2014**

Students in the HERO summer program presented their findings on July 31, 2014. Coverage of the Asian Longhorned Beetle Stakeholder summit included members of the HERO summer REU Site program students, faculty and staff alongside members of the Stakeholders from the local neighborhood residents, city, state officials who have been active in the ALB issue. Video, presentation and news articles linked below.

Clark University NewsHub features [work of HERO students from Summer 2014](#)

[Video HERO student presentations at stakeholder summit 2014](#)

[Powerpoint HERO Summer 2014 Stakeholder Summit](#)

[Officials hope continued initiative will help communities against the Asian Longhorned Beetle](#)

**HERO SUMMER 2014 BROCHURE**
Scholarships

Undergraduate Research Grants

Each year since 1987, The Honors College and The Office of the Vice President for Research and Discovery provide grants to University of Arizona undergraduates to pursue research projects of their own design under the guidance of a faculty mentor. Research can be done in any field, and have ranged from science to humanities to engineering to fine arts.

Grants can be awarded up to a maximum of $1,500. A committee comprised of students, faculty, and community members selects the award-winning proposals. All Undergraduate Research Grant recipients present their work at the annual Undergraduate Research Expo and poster session held in February.

Click here to fill out an application. The deadline to submit your proposal is February 13, 2015.

All University of Arizona undergrads are eligible to apply.

AZAEP FUTURE ENVIRONMENTAL PROFESSIONAL 2015 SCHOLARSHIP APPLICATION

The Arizona Association of Environmental Professionals (AZAEP) seeks outstanding students for the Future Environmental Professionals Scholarship. Each scholarship will carry an award of $1,500.00, plus a one year student membership in AZAEP. The objective of the scholarship is to assist undergraduate and graduate students enrolled full-time in a degree program at an accredited Arizona college or university in preparation for a career as an environmental professional. Community colleges are included and the degree may be a two year terminal degree as well as a transfer program. Students must be enrolled full-time as stipulated by their program requirements. Students graduating in the Spring or Summer 2015 are not eligible.

Scholarship recipients will be expected to make a short presentation at an AZAEP monthly meeting during the 2015 school year. The scholarship funds will be distributed to the selected students in Spring 2015.

Evaluation of the application will be based on the following application materials:

(1) Personal statement addressing educational and career goals, and how the scholarship...
will be used;
(2) Achievements, including clubs, organizations, and community service activities;
(3) Coursework and official transcripts; and
(4) Two letters of recommendation.

Note that it is the responsibility of the applicant to ensure that all materials are received by the deadline. Applicants are encouraged to mail materials in one package, although enclosure of letters of recommendation or official transcripts should be in sealed envelopes. Incomplete applications will not be reviewed. Application materials (official transcripts, letters of recommendation, and application form with written statement) should be sent to:

**AZAEP FUTURE ENVIRONMENTAL PROFESSIONAL GRANT**

2015 GRANT APPLICATION

The Arizona Association of Environmental Professionals (AZAEP) seeks outstanding group, organization, or class projects for the Future Environmental Professionals Grant. Each grant will carry an award of $1,500.00, plus one-year student memberships in AZAEP for up to five group members. The objective of the grant is to provide funding for group projects that will prepare undergraduate and graduate students of an accredited Arizona college or university for careers as environmental professionals. Students attending community colleges offering a two year terminal degree or transfer of credit program are eligible. Grant recipients will be expected to make a short presentation at an AZAEP monthly meeting during the 2015 school year. The grant funds will be distributed to the selected group, organization, or class in Spring 2015.

Evaluation of the application will be based on the following application materials:

(1) Project description, including sponsoring organization, number of students involved, schedule, and how the grant will be used.
(2) Goal statement addressing the purpose of the project and how it will benefit future
environmental professionals.

(3) Letter of recommendation from a faculty member, instructor, or organization sponsor.

It is the responsibility of the applicant to ensure that all materials are received by the deadline. Applicants are encouraged to mail materials in one package. Incomplete applications will not be reviewed. Application materials should be sent to:
AZAEP Grant
c/o Beth Defend, Jacobs Engineering
101 N. 1st Avenue, Suite 2600
Phoenix, AZ 85003

Please direct questions to Beth Defend, Grant Selection Committee Chairperson, at beth.defend@jacobs.com 602-450-4005.
All application materials must be postmarked by February 27, 2015.

**USGIF 2015 Scholarship**
The United States Geospatial Intelligence Foundation (USGIF) is excited to announce the opening of our 2015 Scholarship Program. USGIF is dedicated to assisting promising students interested in geospatial sciences with scholarship awards to further the advancement of the geospatial intelligence tradecraft.

With your help, we can make our 2015 Program the most successful yet. Please pass along this information to your contacts and/or students and download our 2015 Scholarship Program flyer.

- Students studying geospatial intelligence or any related field are encouraged to submit their applications by the **April 20, 2015 deadline**.
- Graduating high school seniors, undergraduate, graduate and doctoral students can download applications at [http://usgif.org/education/scholarships](http://usgif.org/education/scholarships).
- Scholarship recipients are chosen based on their academic and professional excellence in a field related to the geospatial intelligence tradecraft.

Last year the Foundation awarded $101,000 to 22 recipients and plans to award at least $100,000 for the 2015 program. High school recipients are awarded $2,000 per scholarship and all others are awarded $5,000 each. Since 2004, USGIF has awarded $792,000 in scholarship funds to promising students in the geospatial intelligence field.
Students studying in fields such as geography, political science, physics, computer science, engineering, biology, anthropology, sociology or any field in the natural and social sciences are encouraged to apply. Through the USGIF Scholarship Program, the Foundation strives to communicate to students the breadth and power of GEOINT in serving national, global and human security interests.

---

**Study Abroad Scholarship**

Summer 2015 & Fall/AY 2015-2016 online applications are due March 3, 2015 by 11:59pm

**Gilman International Scholarship Program Summer 2015 & Fall 2015/Academic Year 2015-2016 Online Application Now Open**

The U.S. Department of State, Bureau of Educational and Cultural Affairs’ Benjamin A. Gilman International Scholarship Program is pleased to announce that the online application is now open for students participating in study abroad programs and internships during the summer 2015 and fall 2015/academic year 2015-2016 terms All eligible applicants are encouraged to apply.

For more information about the Gilman Scholarship, webinar schedules, and other helpful resources, including subscription to Gilman Advisor Newsletters, please visit the Gilman website at [www.iie.org/gilman](http://www.iie.org/gilman). Students applying for any academic term must meet the eligibility requirements below:

* Enrolled as an undergraduate student at an accredited two- or four-year U.S. institution
* Receiving a Federal Pell Grant at the time of application or during the term abroad
* Be a United States citizen
* Participating in a study abroad program or internship that is no less than four weeks (28 days) – or two weeks (14 days) for current community college students - in one country and no more than an academic year
* Applying to or accepted into a study abroad program or internship eligible for academic credit by the student's home institution
* Studying or interning in any country not currently under a U.S. State Department Travel Warning or Cuba. Students applying to programs in Mexico may only apply for scholarships to support study in Mexican states where no advisory is in effect according to the U.S. Department of State Travel Warning.

---

**Udall Undergraduate Scholarship**

Application deadline: March 4, 2015
About the Scholarship

- Access to the Udall Alumni Network: an association of environmental and tribal leaders and public servants sharing innovative ideas, professional advice, and job and internship opportunities.
- Four days in Tucson, Arizona, at Scholar Orientation: extending your professional network, meeting other scholars and alumni, and learning new skills.
- Up to $5,000 for eligible academic expenses.

Who Should Apply

- Are you a sophomore or junior working towards positive solutions to environmental challenges or to issues impacting Indian country?
- Have you demonstrated your commitment to one of these areas through public service?
- Do you inspire and motivate others to take action?
- Are you committed to making a difference through civility and consensus building?

Consider the Udall Scholarship. To learn more, click on the category below that best fits your interests and goals.

Udall Scholars are selected on the basis of:

- Commitment to a career related to the environment, or to tribal public policy, or to American Indian health care;
- Leadership, public service, consensus building, and integrity;
- Academic achievement
- An understanding of the Udall legacy, demonstrated through the application essay.

**Tribal Policy**
For American Indians and Alaska Natives working on an array of policy issues in Indian country

**Native Health Care**
For American Indian and Alaska Natives pursuing health-related careers

**Environment**
For undergraduates interested in conservation and environmental issues

---

**2015 MONIQUE WITTIG WRITER’S SCHOLARSHIP- $1000**

This scholarship honors the life and work of Monique Wittig, French novelist, poet and social theorist. Wittig was a professor at the University of Arizona, Tucson from 1990 to
2003. First published as a novelist, Wittig’s fiction revolutionized French literature. Mary McCarthy called her “the best writer anywhere of her generation.” Wittig’s fiction, as well as theoretical writing, has had a fundamental and worldwide impact upon feminist theory and lesbian and gay theory. In honor of Wittig, the Monique Wittig Writer’s Scholarship will foster innovation in literary forms and the connection between politics and language. It will allow University of Arizona graduate and undergraduate students to allocate more time to their writing.

This scholarship is open to writers in all fields including literature, film, theater, poetry, essays and new/mixed media. The winner will be expected to present from the work in progress at the awards ceremony toward the end of the spring 2014 semester.

Applications should include the application form and a cover letter indicating how the student’s work addresses the political and artistic goals of the scholarship, and how the project relates to the student’s other work, and where possible, the work of Monique Wittig. It should also include a writing sample (or other artistic sample) from the project that will be helped by the award, and a plan that demonstrates how the scholarship will aid the student in completing his/her project.

**Checklist:**
1) Completed Application Form
2) Cover Letter
3) Writing Sample from your project—8-18 pages (if prose, double-spaced)
4) A plan on how this scholarship will facilitate the completion of your project
5) Compile all the components of the application into one PDF, with a file format = last name of the applicant.PDF (e.g., smith.PDF)

**Applications due April 1, 2015 by 5:00 p.m.**

Submit applications via email to Professor Sandra Soto at sotos@email.arizona.edu.

**Direct questions to:** Monique Wittig Writer’s Scholarship  
Gender & Women’s Studies Department  
Leigh Spencer, Program Coordinator  
Email: spencerl@email.arizona.edu  
Phone: 520-621-5656

$750 Undergraduate Award for Water Security Projects  
This is a great opportunity for funding senior/honors thesis!
The Udall Center for Studies in Public Policy
at the University of Arizona
announces the

IWSN Undergraduate Project Award in Water Security

Win $750 to conduct a local activity or project of your choice that highlights issues affecting water security in Tucson and the Southwest U.S.

Possible activities: photo or video essays, interviews/oral history, conversations with policymakers, attendance at public meetings, community art survey, K-12 school/group activity, or similar projects.

Possible topics: water harvesting, water reuse, sanitation, conservation, irrigation, landscaping, community gardening, groundwater recharge, waterborne disease and public health, policies and governance, engineering works, computer and software applications, or similar topics.

Successful applicants will be expected to implement their proposed activity over the 2015 spring and summer semesters and provide a two-page post-activity report detailing their work.

Application deadline: To apply, submit the following via email to Jenny Neeley at the Udall Center (JLNeeley@email.arizona.edu) by **Mem, March 2, 2015**:

- 500-word essay on what “water security” means to you
- Two-page description of the proposed activity highlighting water security issues
- Resume or CV
- Reference letter from UA faculty member, to be sent directly to Jenny Neeley
- Required format: Single-spaced in 12-pt Times Roman font with 5-inch margins

Who is eligible?
- Any UA undergraduate student with a GPA of 3.0 or higher
- Any major/minor

Two winners will be announced on March 23, 2015. At that time, each winner will receive one-half of their award money; the second half will be paid upon submittal of the winner’s post-activity report.

The project is funded by Lloyd’s Register Foundation (LRF), a charitable foundation helping to protect life and property by supporting engineering-related education, public engagement, and the application of research (see, www.lrfoundation.org.uk).
Internships/Jobs

**Student Conservation Association** - Become a Field Leader with the SCA. Ages 21+. Short- and long-term paid positions leading youth or young adults in SCA conservation crews and projects.

Help lead the way to a sustainable future by leading young people in a conservation service project. You won't just supervise but will mentor, motivate, and inspire. Along the way, you'll gain experience and expertise in areas as diverse as trail building, habitat restoration, fire management, and visitor outreach.

Find more information here: [http://thesca.org/serve/field-leaders](http://thesca.org/serve/field-leaders)

---

**Work for University of Arizona Cooperative Extension Sustainability Team (paid)**

**APPLICATION DEADLINE: MAY 15, 2015**

The University of Arizona Cooperative Extension Sustainability Team is seeking resident undergraduate students for an externship program for the Summer 2015. This Externship program is intended to provide undergraduate students with a work experience addressing community-scale sustainability projects in several rural communities throughout Arizona. Qualified externs will be paid minimum wage ($8.05) for up to 10 weeks and 35 hours per week of work. These Externships will provide students with unique opportunities to develop and use their ‘in-demand’ knowledge and skills about local sustainability, as well as engaging with local stakeholders to meet the needs of a community. Externs will work directly with and be supervised by UA Cooperative Extension Agents in their respective project communities. Preferably, students will be matched with an Externship project in the county or community of their residence. The program is specifically not limited to science and engineering students, although US citizenship is required. Applications are especially encouraged from members of under-represented minority groups and from women. Students must have at least sophomore standing at the University of Arizona in order to apply.

Sustainability Projects include:

1. White Mountain Apache Community Garden Assistance: Whiteriver, Navajo County Extension contact: Steve Campbell ([campbell@cals.arizona.edu](mailto:campbell@cals.arizona.edu))

2. Local Food Supply Systems for Graham County: Safford, Graham County Extension contact: Bill Brandau (email: [wbrandau@cals.arizona.edu](mailto:wbrandau@cals.arizona.edu))
3. Tucson Village Farm (2 positions): Tucson, Pima County Extension
   contact: Elizabeth Sparks (email: esparks@cals.arizona.edu)

4. ‘Landscape for Life’ Course Development: Flagstaff, Coconino County Extension
   contact: Hattie Braun (email: hbraun@cals.arizona.edu)

5. Sustainable Solutions for Field Crops Pest Management in Central Arizona: Phoenix, Maricopa
   County Extension, contact: Ayman Mostapha (email: ayman@email.arizona.edu)

6. City of South Tucson Garden Kitchen: South Tucson, Pima County
   contact: Dan McDonald (mcdonald@cals.arizona.edu)

7. Globe Farmers’ Market Assistant Manager: Globe, Gila County Extension
   contact: Chris Jones (email: ckjones@cals.arizona.edu)

8. Integrated Sustainable Gardening Education: Douglas, Cochise County Extension
   contact: Darcy Tessman (email: dtessman@cals.arizona.edu)

9. Extended Food and Nutrition Program (EFNP) Nutrition Curriculum for Behavioral Health
   Practitioners: Sierra Vista, Cochise County Extension- contact: Cynthia Aspengren
   (email: caspengr@email.arizona.edu)

10. School Garden Certification: Tucson, Pima County Extension contact: Dan McDonald
    (email: mcdonald@cals.arizona.edu)

   For more information about any one of these projects, contact the Extension person listed for the
   project. EMAIL COMPLETED APPLICATION TO APPROPRIATE PROJECT COORDINATOR(S).

While most of your time will be spent actually doing the project, Externship responsibilities include:

- Work in the project location for up to 10 weeks at 35 hours/week during Summer 2015
- Report to county Cooperative Extension Director or Agent on daily to weekly basis and
develop evaluation criteria and metrics to measure sustainability outcomes as well as knowledge
   gained through implementation of project.
- Work with important community stakeholders to implement project.

---

Summer 2015 Office of Science & Technology Policy Internship program

The Office of Science and Technology Policy is currently accepting applications for
its Summer 2015 Policy Internship Program. The application deadline is 11:59pm
Sunday, March 15. Students who are U.S. citizens and who will be actively enrolled
in an academic program are welcome to apply. More information and application
instructions are available at http://www.whitehouse.gov/ostp/about/student/.

About OSTP. The Office of Science and Technology Policy advises the President
on the effects of science and technology on domestic and international affairs. The
office serves as a source of scientific and technological analysis and judgment for
the President with respect to major policies, plans and programs of the Federal
Government.

About the Internship Program. Interns are accepted for one of three annual terms
(Spring, Summer, or Fall), which each last no more than 90 days. While these
positions are without compensation, the assignments provide educational
enrichment, practical work experience, and network opportunities with other individuals in the science and technology policy arena.

---

**Paid Internship/Job in Nicaragua**

Casa-Nica, a development minded NGO in Nicaragua, has a paid internship opportunity that has recently opened up. It is for a one year duration and we are looking to fill it as soon as possible.

If you have interest please do check out the following link for details. [http://www.casa-nica.com/jobs-at-casa-nica](http://www.casa-nica.com/jobs-at-casa-nica)

You can also contact me directly if you have any questions. Josh@casa-nica.com

---

**George Melendez Wright Young Leaders in Climate Change (YLCC) Summer Internships**

The George Melendez Wright Young Leaders in Climate Change (YLCC) program manages paid internships in which undergraduate or beginning graduate students work for approximately 12 weeks on projects in research, interpretation, park operations, policy development, or other fields.

Just a few examples of possible internships:

**Creating a Web-Based Template for Climate Outreach**

Congaree National Park
Hopkins, SC

Inform and inspire the public to become climate stewards through the development of climate change communication web pages. Work with park staff in Congaree National Park and throughout the Southeast to provide staff training, hone web page design and leadership skills, and gain a big picture understanding of climate change communication in national parks.

**Analyzing Precipitation, Spring Flow Variation, and Fuel Loads due to Climate Change in Hot Springs National Park**

Hot Springs National Park
Hot Springs, AR

Inform management practices and public awareness through the analysis of precipitation patterns and flow rates of the hot springs in Hot Springs National Park to better predict the springs’ future flow rates under a changing climate.

**Valuation of National Park Service Landscapes for Climate Change Sensitivity and Adaptation**
Indiana Dunes National Lakeshore
Porter, IN

Work as part of a management team in Indiana Dunes National Lakeshore to assess the productivity and sensitivity of park landscapes to climate change through the analysis of satellite imagery and development of a measure of climate change resilience in five Great Lakes national parks.

http://parksclimateinterns.org/index.php/internships/available-internships/

**Student Action for Farmworkers is recruiting interns**

**Student Action with Farmworkers (SAF)** has 20-years experience providing opportunities for students and farmworkers to learn about each other’s lives, share resources and skills and build diverse coalitions working for social change. SAF interns & fellows come from diverse backgrounds and about half are from farmworker families. In addition to working full-time with a farmworker agency, program participants can perform in our **Theater Group** or complete a **Documentary Project** with farmworkers using photography and audio recordings. Participants also organize **community engagement projects and community health projects**. Check out SAF’s [2014 blog](http://www.saf-unite.org/content/fields-internship) to read our participant’s amazing experiences.

**Applications due February 4, 2015**

**Qualified applicants** are current college students or recent graduates (within 1 year) and must speak high-intermediate to advanced Spanish. SAF preferences students from the Southeast and students from farmworker families- especially those involved in the CAMP program. SAF also preferences applicants who will have use of a vehicle for the duration of the program.

**Into the Fields Internship**

**10-week summer program June 1-August 9, 2015**

http://www.saf-unite.org/content/fields-internship

**Online Application**

Spend your summer meeting and supporting the people who plant, harvest and produce the food you eat everyday! Through Into the Fields you will support and organize farmworkers, get trained on the issues surrounding their lives and the broader context of the agricultural industry. SAF places approximately 25 college students to work with organizations in the Southeast (NC, SC, VA) that serve, organize or advocate for farmworker justice including migrant health clinics, legal aid, community-based organizations and Migrant Education programs.
Benefits: $1350 total per diem, $1500 scholarship upon completion, free furnished housing, free room and board at 3 trainings, mentorship and academic credit available. Students from farmworker families receive paid travel to North Carolina.

Sowing Seeds for Change Fellowship

6-month program June 1-November 13, 2015

http://www.saf-unite.org/content/sowing-seeds-change-fellowship

Online Application

The Sowing Seeds for Change Fellowship is a 6-month leadership development program for college students and recent graduates to improve farmworkers’ access to healthcare as well as advocate for improved living and working conditions. Through Sowing Seeds for Change you will support health clinics and get trained on the issues surrounding farmworkers’ lives and the broader context of the agricultural industry. SAF will place 5 fellows with health clinics that serve farmworkers in North Carolina. They will be trained alongside our 25 summer interns at 3 trainings.

Benefits: $9,000 stipend, free room and board at 4 trainings, mentorship and academic credit available. Fellows will set up their own housing and will use their stipend to cover living expenses. Students from farmworker families receive paid travel to North Carolina.

For info contact Ramón Zepeda | Program Director | 919-660-0704 | ramon.zepeda@duke.edu

UA Federal Relations DC Intern Scholarship

Members of Congress have small staffs and tremendous workloads, so interns play a vital role. Duties vary, but generally, interns will learn how the legislative branch of government works, develop knowledge of resources available to assist constituents, gather information from various federal agencies, and attend meetings on behalf of the Member. Internships in Washington DC are an invaluable experience for college students, and many current congressional staff members began their careers as interns.

Internships in Washington DC, (as opposed to in-district internships) can be particularly challenging for students due to cost. While you would be receiving college credit and a wealth of experience, you are not generally compensated financially. The UA Office of Federal Relations is pleased to offer a scholarship to help cover the costs of your time in Washington. This scholarship is competitive and based on both merit and financial need, with a required minimum GPA of 3.0. The scholarship will allow $500/mo for living expenses, plus a tuition award that covers mandatory fees, but not optional personal fees such as Honors fees, Engineering fees, class fees, etc. This scholarship is intended as a one semester opportunity for undergraduates, but graduate student applications may be considered on a case-by-case basis.
To apply for the scholarship send the following to the address of UA Office of Federal Relations listed below:
- Your name, contact information, including in DC (if you have it), and student ID #;
- Record of approval for 12 units of academic credit for internship and department point of contact for independent confirmation:
- A listing of any financial aid for which you are receiving/have applied;
- A two-page written statement of interest and merit; and
- An offer letter from the relevant Congressional office.
- Scholarships are subject to approval by the Office of Scholarships and Financial and the student's college or department.

UA Office of Federal Relations
PO Box 210066
Tucson, AZ 85721-0066
Phone: (520-621-9191
heubergs@email.arizona.edu

---

Health Focused Internships on the Border

**FRONTERA** - Are you an undergraduate or graduate student, interested in medicine and health disparities in the U.S. – Mexico border community?
[https://diversity.medicine.arizona.edu/students/activities/pre-health/frontera](https://diversity.medicine.arizona.edu/students/activities/pre-health/frontera)

Focusing Research on the Border Area (FRONTERA) Summer Internship provides undergraduate and graduate students with opportunities to prepare for medical school, hands-on research experience, and an increased understanding of public health disparities in the U.S.-Mexico Border Region. The application closes on February 20, 2015.

---

**Three student internships available at Local First Arizona!**

Local First Arizona offers 10-week unpaid internships to students and non-students looking to gain more experience in the non-profit field. As a grassroots organization, our interns are hands-on from the start acquiring valuable experience and transferrable skills in any of our intern position

- Community Outreach Coordinator for Local First Arizona
- Communications Intern
- Database Management Intern for Local First Arizona

Apply soon! Applications reviewed on a rolling basis [https://www.internmatch.com/company/local-first-arizona/internships](https://www.internmatch.com/company/local-first-arizona/internships)
Job Announcement: GEOG/PLG Tutors

The SALT Center provides tutoring to students at the UA with learning and attention challenges. Tutors work with students on a one-on-one basis and use learning strategies to help improve their academic performance. Our tutors receive paid training in general tutoring strategies and working with students with learning challenges. Wages start at $8.25 per hour and tutors create their own schedule. We ask tutors to provide a minimum of 6 hours of availability per week, and most tutors typically work 8-12 hours a week. The SALT Center is a College Reading and Learning Association certified tutoring program, and tutors have an opportunity to become Regular, Advanced, or Master-level CRLA certified tutors. Tutors who achieve higher certification receive corresponding pay increases. This position is on-campus and is work study eligible.

To Apply:

Interested students can submit the application form at http://www.salt.arizona.edu/services/tutor-employment along with a cover letter, unofficial transcript, and letter of recommendation to Learning Support Services Coordinator, Room 204A of the SALT Center in the Patricia A. Bartlett Building at 1010 N. Highland Ave. For more information, please contact Matthew Hoolsema at mhoolsema@email.arizona.edu or Sam Becker at jlsjm5@email.arizona.edu

Technicians for Sustainability is hiring!

Check out employment opportunities at this Tucson based, locally owned, mission driven company specializing in renewable energy and sustainable technologies!

http://tfssolar.com/about-us/career-opportunities/

Women in Science and Engineering (WISE) Spring 2015 Opportunities
Women in Science and Engineering (WISE)
Spring 2015 Opportunities

Manzo Elementary Science Club: Thursdays from 2:40-4pm WISE is partnering with Manzo Elementary School to get students excited about science through a 10-week, hands-on science club. We’re looking for university students who are interested in mentoring small groups of Manzo students as they work through developing and implementing a small-scale research project on the Manzo campus. This 10-week long program will allow students to learn the scientific method, while also enabling them to answer scientific questions of their own design.

Schoolyard Biodiversity Inventories: We’re partnering with the Desert Museum, Saguaro Park, and TUSD to conduct biodiversity inventories at local schools using an app called iNaturalist. We are looking for university students who would be interested in assisting with designing and implementing this program. There will also be volunteer opportunities for individuals interested in participating in individual inventories.

Expanding Your Horizons (EYH) Conference: EYH aims to increase the participation of women and under-represented minorities in the fields of science, technology, engineering, math, and medicine through interactive half-day conferences for middle and high school students. March 7 we will be hosting an EYH conference at Walden Grove High School in Sahuarita. We are looking for university students who are interested in STEM outreach to help with all aspects of this event including recruitment, fundraising, promotion, and logistics. This is a great opportunity to get involved in hands-on programming for communities in southern Arizona!

Science and Engineering Excellence Banquet: SEE Banquet is an opportunity to thank the members of the UA and southern Arizona community that go above and beyond in their support for and commitment to diversity in STEMM. We’re looking for university students who are interested in helping plan this event. This is a great opportunity for individuals that are committed to diversifying STEMM and also interested in learning more about all that goes into planning large-scale events!

For more information on how to get involved as either a volunteer or through our for-credit internship program, contact Jill Williams at JillWilliams@email.arizona.edu

NASA Applied Science DEVELOP Program

Former SGD student Roy Petrakis participated in this program and would be happy to answer any questions interested parties may have. His email is rpetraki@email.arizona.edu. More information on the program can be found at http://develop.larc.nasa.gov/apply.html
Instructions for Accessing Archive:

1. Go to https://list.arizona.edu/sympa/
2. In upper right hand corner click on "UA NetID Login"
3. After logging in, go to left hand bar click on "SGDmajors"
4. On new left hand bar click "Archive"