



COLLEGE OF SOCIAL & BEHAVIORAL SCIENCES
**School of Geography,
Development &
Environment**

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WHAT'S NEW

SGDE MDP Program Discontinued

In May 2024, SGDE wound down the Master's in Development Practice (MDP), which was a graduate professional degree program offered by the University of Arizona between 2012 and 2024.

The Arizona MDP had been a two-year program built around four pillars: social sciences, natural resources and the environment, public health, and management skills. In addition to on-campus coursework, students engaged in an intensive on-site summer practicum and with a range of community-engagement projects in and around Tucson.

Approximately 75 students received the MDP degree. Graduates went on to successful careers with employers including Partners in Health, UNHCR, US Department of the Interior, USAID, Catholic Charities, the International Rescue Committee, Habitat for Humanity, Good Shepherd Microfinance, the United Way, the US Department of Health and Human Services, and Child Fund International.

To read more about the former Arizona MDP Program, please visit:

<https://geography.arizona.edu/mdp>

\$1M gift to UArizona School Garden Workshop launches 'Sprouts House' project

The University of Arizona School Garden Workshop – which supports teaching and learning in K-12 school gardens in Tucson – will soon be able to expand its regional impact and national training capacity thanks to a \$1 million gift from Sprouts Healthy Communities Foundation. Read more about this exciting news [HERE!](#) And see News4Tucson coverage here:

https://www.kvoa.com/video/two-abandoned-houses-owned-by-ua-to-be-turned-into-green-spaces/video_ab3df5d0-74da-5f8e-864d-b74743d8efd2.html?utm_source=trellis&utm_medium=email&utm_campaign=Clips%20for%20May%2016,%202024

New federally funded center will rely on UArizona expertise to help communities manage extreme heat

A new federal initiative will rely on University of Arizona research and scholarship to help communities across the U.S. create policies and take action to mitigate and manage extreme heat. The university's involvement in a new Center for Heat Resilient Communities, which the U.S. Department of Commerce and the National Oceanic and Atmospheric Administration announced Monday, will help translate climate research into policies and guidelines. Learn more [HERE](#).

Mapping Racist Covenants: How a UArizona geographer's research informed a new Arizona law

Jason Jurjevich, an assistant professor in the School of Geography, Development and the Environment, was inspired to create the Mapping Racist Covenants project after finding a racist covenant in the deed to the house he and his partner bought in the fall of 2021. Learn more about the outcome of this project [HERE](#).

AI Access & Integrity Working Group

Tony Colella is now the leader for the Education Advocacy & Outreach task force of the university-wide AI Access & Integrity Working Group, <https://artificialintelligence.arizona.edu/about-us>. This is all volunteer service that brings together folks from all across campus to discuss and determine best practices for AI integration and use, although his piece is obviously focused on teaching and, specifically, getting the word out about what teachers should know and learning about what teachers want to know. Folks should definitely feel free to ask Tony anything about AI in education! Contact him [HERE](#).

SGDE Newsletter

Do you have an event to share? Kudos to give? Important reminders or updates for students and faculty? Please send them to bschoenfelder@arizona.edu for review and look out for the regularly scheduled SGDE Newsletter in your inbox!

Honoring Janice Monk



SGDE colleague and friend to geographers around the world, feminist geographer Janice Monk passed away peacefully in Tucson on Friday, July 12, 2024 aged 87. Jan was born in Australia and studied geography at the University of Sydney. She moved to the US for graduate work in geography at the University of Illinois in 1961, and joined the University of Arizona in 1980 where she became executive director of the Southwest Institute for Research on Women (SIROW) and, in 2004, a professor in what is now the School of Geography, Development and Environment.

She was a pioneering scholar of gender issues, including women in the southwest, women and health, and women in geography. She mentored and befriended geographers worldwide. She was at the core of women geographers on campus and was so happy when more and more women geographers were hired in our department and across campus. Her recognition includes the Australia International Medal from the Institute of Australian Geographers and the Lifetime Achievement Honors award from the Association of American Geographers (AAG). She was elected president of the AAG in 2001-2002.

SGDE hosts an annual Jan Monk lecture in feminist geography in her honor, with lectures in Tucson and at the AAG annual meeting in partnership with the journal *Gender, Place and Culture*.

Rest in peace Jan.

If you wish to make a donation in Jan's honor, you may do so using the following link:

[GIVE HERE](#)

Your gift will support the Janice Monk Distinguished Lecture Series in Geography as well as graduate students.

EVENTS



Tue, August 6 through Sat, August 17:

Gem and Mineral Museum: End of Summer Celebration \$5 Admission for Everyone

The Alfie Norville Gem and Mineral Museum will be launching our second annual, End of Summer Celebration! Starting Tuesday Aug. 6, all guests will receive a discounted admission rate of \$5 per person no matter what age. (Children 3 and under will still be free.) The last day to participate will be Saturday Aug. 17. We're celebrating curiosity at every age by offering this discount so that families can enjoy a cool day inside, exploring our collection, before students go back to school. The museum is open Tuesday-Saturday from 10am-4pm.

Wednesday, August 21:

New Graduates Orientation Day

Monday, August 26:

Classes Begin - Welcome Back!

Tuesday, September 10:

ENR2 Birthday Party

Join us in celebrating our beloved building, the Environment and Natural Resources 2 Building (ENR2's) 9th Birthday on Tuesday, September 10 from 2-5pm! There will be a resource fair, an ENR2 Open House, a scavenger hunt, arts and crafts, and more. This event aims to inspire students to connect with relevant resources and their peers.

September 30 - October 3, 2024:

The Conference on Computational Methods in Water Resources (CMWR Conference)

The CMWR Conference was created in 1976 and has since been held biennially alternating between locations in North America and Europe. CMWR is dedicated to nurturing and promoting cutting-edge interdisciplinary research on quantitative forecasting of hydrological processes, with a special emphasis on mathematical, computational, statistical, and machine learning methods. This year, the CMWR Conference will be held at the University of Arizona from September 30 thru October 3. Click [HERE](#) to learn more.

KUDOS!



Saurabh Kaushik

Kudos to a new SGDE postdoc, Saurabh Kaushik, who started in the Social Pixel labs a few weeks ago. It's cool for us to have a cryosphere expert in the lab for the first time! He had an article come out last week titled "Increasing risk of glacial lake outburst flood in Sikkim, Eastern Himalaya under climate warming" in Remote Sensing Applications, linked below. Congrats to Saurabh!

<https://www.sciencedirect.com/science/article/pii/S2352938524001502?via%3Dihub>

Lucas Belury

Massive congrats to Lucas Belury on his 3 year fellowship from NASA through the FINEST program (valued at \$150,000) for his project: **Flood Justice Utilizing Satellite Observations; Social Vulnerability, Capacity Building, and Impact Assessment**

This is the most prestigious award to get as a remote sensing scientist graduate student, and it's an incredible amount of full RA and summer funding for 3 years, plus conference support.

His fundraising abilities for his scholarship, and the community based organizations he works with, is unrelenting and therefore, incredible successful. Congrats to Lucas on this endorsement of his transformative work and contributions to science, at one of the highest possible levels at NASA!

Hannah Friedrich

Congrats to Hannah Friedrich who got a new fellowship from the Society for Women Geographers! This is a \$4,800 award to support funding for her project examining disaster insurance and recovery in Southwest Louisiana following the 2020 hurricane season. She is the ideal candidate for this fellowship, as she is a remote sensing scientist working in a coastal environment, much like the pioneering Evelyn Pruitt for whom this scholarship is named. Recovery is the least understood phase of the disaster cycle, and Hannah's innovative work will shed light on a timely and innovative topic.

Chris Lukinbeal

Kudos to Chris Lukinbeal who just published the essay, "The antithetical cartographies of geospatial cinema" in The Routledge Handbook of Cartographic Humanities.

<https://www.routledge.com/The-Routledge-Handbook-of-Cartographic-Humanities/Rossetto-LoPresti/p/book/9781032355931>

Abstract

Cinema is the antithesis of cartography. Where cartography deploys scale to construct a memetic representation of the real, cinema benefits from scale's multivalence to construct an emotive and embodied representation. These visual technologies reflect the full development of the cartographic paradox: that the science of map projection and the development of linear perspective mutually arose together and aided each other's development. These modes of viewing and recording are thus antithetical: cartography relies on scale for its scientific accuracy and mimesis, while cinema plays with scale to emphasise visual and emotional aspects or to disrupt, shock, and destabilise that which is taken for granted as real. This chapter takes a closer examination of the relationship between linear perspective, cinema and cartography through a comparative analysis of how each relates to scale, prospect, and aspect. This chapter examines four areas of geospatial cinema or antithetical and (4) using WebGIS for film tourism and historical preservation.

Beth Tellman

Kudos to Beth Tellman, assistant professor at SGDE, who uses satellite imagery to improve our understanding of where floods have happened and are currently happening. She also uses machine learning models to develop datasets for flood monitoring. Her work aims to improve assessment of populations vulnerable to flood exposure and aid in the understanding of interactions between land cover, climate change and floods. Read more here:

[Flood monitoring from space: A Q&A with flood expert Beth Tellman](#)

Elena Louder

Congratulations to Elena Louder for her successful defense of her PhD dissertation, titled: "Renewing injustice: A multi-scalar analysis of renewable energy development in Chile's Atacama Desert"

Thank you to the members of her dissertation committee, who were all engaged and happy with the results: Andrew Curley, Clark Miller (ASU), Manuel Prieto (U. Tarapacá, Chile), Margaret Wilder, Carl Bauer

Julie Edwards

Kudos and congratulations to the new Dr. Julie Edwards, who passed her dissertation defense with flying colors. Julie's dissertation is titled 'Advances in Climate and Extreme-event Analyses Using Quantitative Wood Anatomy' and her committee was Dr. Kevin Anchukaitis, Dr. Charlotte Pearson, and Dr. Connie Woodhouse. Julie starts her postdoctoral fellowships at UC Santa Barbara in a few weeks, focused on climate variability and ecological changes in California.

RESEARCH & OPPORTUNITIES



UArizona Research, Innovation & Impact

The Office of Research, Innovation and Impact (RII) expands the capacity of UArizona's research and innovation enterprise with a focus on translating big ideas into important new knowledge and using the power of that knowledge to improve lives and communities in Arizona and across the globe. The RII is a great student resource for finding research opportunities and support with such. Visit their site [HERE](#).

NASA Develop Program

DEVELOP addresses environmental and public policy issues through interdisciplinary research projects that apply the lens of NASA Earth observations to community concerns around the globe. Bridging the gap between NASA Earth science and society, DEVELOP builds capacity in both participants and partner organizations to better prepare them to address the challenges that face our society and future generations. Teams of DEVELOP participants partner with decision makers to conduct rapid feasibility projects that highlight relevant applications of Earth observing missions, cultivate advanced skills, and increase understanding of NASA Earth science data and technology. Learn about participant opportunities [HERE](#).

Paris IAS 2025-2026 Research Fellowships Call for Applications

The Paris Institute for Advanced Study (Paris IAS) is pleased to announce a call for applications for 2025-2026 research residencies is now open!

Selected fellows will be hosted for 10 months at the prestigious Paris IAS with an interdisciplinary and international group of top-level researchers, and will enjoy ideal work conditions to develop impactful research projects in any topic and discipline of the social sciences and humanities. This includes connections to the local research ecosystem, work and meeting spaces in the heart of Paris, an apartment for them and their family, transport to and from Paris, and more.

For your convenience :

- The link where you can find all the details for our call for applications <https://www.paris-iea.fr/en/apply/calls-for-applications/2025-2026-residences-de-recherche-a-l-institut-d-etudes-avancees-de-paris>
- A link to a short video of our researchers sharing their thoughts and advice on IAS fellowship. In 2 minutes, it shows all the benefits and advantages of a research stay at the Institute:

Apply NOW to be a Planet Forward Correspondent

Planet Forward Correspondents post their stories and work closely with staff to highlight compelling characters and innovative ideas, and determine how best to present these stories.

Correspondents' work is featured on PlanetForward.org, is eligible for the annual Storyfest prize, and may be featured at the annual Summit in Washington, D.C. Learn more and apply [HERE](#).

Launch of the Sixth National Climate Assessment

The U.S. Global Change Research Program (USGCRP) is pleased to announce a national call for authors, public comment, and technical inputs for the Sixth National Climate Assessment (NCA6).

You can find more information about what and how to submit in the [NCA6 Notice](#) on the USGCRP website, as well as the [Federal Register Notice](#) issued by NOAA.

You can submit your comments, nominations and inputs through the USGCRP [Public Contribution System](#).

The deadline to comment and submit author nominations for NCA6 is June 7. The call for technical inputs is ongoing.

Water Whys VIP Recruitment for Fall 2024

Are you interested in helping people understand the science behind water issues? Apply now to be part of Water Whys Vertically Integrated Project (VIP) in Fall 2024! This team creates graphics used by TV meteorologists/journalists and shared on social media to help audiences understand critical issues like the [drought's impact on Lake Mead](#) and [flash floods caused by wildfire](#). This one-credit independent study is open to all undergraduate and graduate students.

Participants virtually meet twice a week on Mondays from 10-11am and Fridays from 11am-noon. Visit the [Water Whys VIP website](#) to **apply now**.

The team leading this project has expertise in hydrology, atmospheric science, graphic design, TV meteorology and science communication and students from a variety of disciplines are encouraged to join this multidisciplinary effort.

STAR Lab Recruiting Mentors for 2024-25

STAR Lab is recruiting faculty, postdocs, graduate students, and research staff to serve as [STAR Lab Mentors](#) for the 2024-25 program. STAR Lab is a UArizona/SARSEF outreach lab and mentoring program that supports high school students, 16 years or older, in conducting student-driven research while meeting UArizona Youth Safety criteria for working with minors. While housed in Molecular & Cellular Biology, STAR LAB seeks to match mentors from all fields of science, mathematics, and engineering with high school students from across Arizona, prioritizing students from underrepresented groups and/or Title I schools.

As a STAR Lab Mentor, you would provide scientific leadership and expertise to your mentee(s) as they develop and execute a research project that will be presented at a regional science and engineering fair. The STAR Lab program will provide support for students to learn and practice science communication skills through weekly meetings with trained undergraduates.

The 2024-25 program will run from late September to early March and will include a short mentor training meeting prior to the start of the program. In-person and remote mentoring options are available. If you would like to volunteer, please apply at

https://sarsef.formstack.com/forms/star_lab_mentor_application.

RISE Internships

RISE is accepting applications for two paid (\$18/hour) internship opportunities at the Tucson nonprofit, [Mission Garden](#), for Fall 2024 to Spring 2025! Mission Garden has two opportunities: 1) [Program and Visitor Evaluation](#) and 2) [Curatorial Assistant](#). The full internship description, with instructions on how to apply, can be found at each link. Applications are due by August 20, 2024.

Full internship descriptions, with instructions on how to apply, are [here](#).

Northern Arizona University Ecological Restoration Institute NOW HIRING

Envision these two roles as complementing each other and working across units to add capacity to NAU science interpretation, delivery, and communication efforts:

Research Associate

As a member of the Science Delivery Team, this role will interact with a wide variety of land managers and stakeholders to translate broad forest management goals into specific metrics for implementation and evaluation, and communicate landscape concepts via spatial and tabular data products. This position will coordinate with ERI scientists and communications staff to create and disseminate a regular, diverse suite of science delivery products that translate emerging science for land managers; identify key scientific questions and needs with practitioners and communicate those needs to researchers; support partnerships and collaborative forest restoration efforts; lead the coordination of workshops, seminars, and virtual events; and summarize data analyses into technical reports for managers.

Click [here](#) to apply! Search for Job ID # 607924

Communications Assistant Manager

The position will work closely with the ERI communications manager and ERI's science delivery and research teams to help develop and implement a range of communication and outreach strategies to engage key stakeholders; produce engaging written and digital content; assist in the translation and communication of scientific research to key audiences; provide media relations and marketing support; and assist in the production of various ERI publications and communication products.

Click [here](#) to apply! Search for Job ID # 607924

Climate and Community Project NOW HIRING

Climate and Community Project is looking for a full time **Data Communications Manager** who is invested in building a think tank rooted in climate, racial, and class justice. We are searching for a candidate with a combination of data visualization skills that illustrate the case for transformative climate policy; data science skills relevant to race, gender, class, and/or climate justice; and the ability to work across our diverse research areas to drive greater impact from our cutting edge research. Help us to bring our research to life and shape public narratives to win progressive climate policy!

[Find more information and submit your application here](#). The deadline for the application is **July 7**. Please direct any questions about the position to admin@climateandcommunity.org with a subject that includes the position title. We appreciate your help sharing this job application with anyone who might be interested.

FACULTY



Participate in Faculty Development Communities for Promotion Mentoring Program

Registration is open for the 2024-2025 academic year **Faculty Development Communities for Promotion** (FDCP) program. The goal of this program is to create small faculty groups and link them with one faculty mentor who has been successful in the promotion process. Mentors and mentees (peer mentors) will use the **same link to register**.

FDCP communities not only help faculty explore their individual objectives, hopes, and aspirations but also reflect on their common challenges, concerns, and solutions for promotion and tenure. Topics covered over the academic year include strategic planning for promotion, how to present your work in your dossier, designing effective courses, institutional service for promotion, and work/life balance.

This program is open to all faculty from any track who seek to learn more about the promotion and tenure process. The peer mentor groups meet at least once a month with an experienced mentor and, as desired, with their peers. Key resources on important topics are provided once a month.

This program has run successfully for three years with approximately 100 faculty each year.

Please contact **MENTOR Institute** Assistant Director **Tara Chandler** with any additional questions.

Introduction to Retirement for Faculty

Human Resources, Finance and Administration, Information Technology, Retired Emeritus Faculty Member, Dr. Bruce Bayly, and Faculty Affairs have partnered to create a new video titled, **“Introduction to Retirement for Faculty.”** This video can also be found on the **Retiring Faculty Resources page**. It includes the following content to aid faculty in retirement planning:

- Overview of retirement resources available through Human Resources
- Information and procedures for phased retirement and research retirement agreements
- Emeritus Status request and review process
- Digital offboarding information and systems access from Information Technology
- Adventures of Associate Professor Emeritus Dr. Bruce Bayly

SGDE WEBSITE

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