

GEOGRAPHY

2020 Spring Newsletter
 University of Colorado Boulder





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Bill Travis: Message from the Department Chair



Professor William Travis

Final exams, graduation, commencement, and life in general were all different this year because of the COVID-19 global pandemic. It was a tough semester, for students, faculty, and staff, marked especially by the loss of personal contact. Right in the middle of my module on Disasters in GEOG 1962 (team taught with Mara Goldman and John O'Loughlin), we had a disaster, one that caused terrible suffering for some, affected all of our lives, threw the economy into chaos, and especially affected the university. I went from a classroom full of students to online education in just a few days. We missed the joys of commencement on the Quad in front of Guggenheim, and can only hope that our graduates, their families and friends, can return to our next, in-person commencement. Keep in touch and please come if you can!

The global pandemic tells us, if nothing else, that geography matters, that data matter, that analysis and evidence matter. It put into stark relief the value of what our students have been doing and learning here at CU, especially in the Department of Geography where we teach how to analyze the world, its patterns, its functioning, its interacting parts—studying global geo-politics, the economy, the environment, and especially how humans interact with that environment. Against many odds, our graduates did complete the semester, powering through the messy transition to remote classes, up-rooted from their Boulder homes and spread across the globe. I congratulate them and the families and friends that supported them. The Geography faculty and staff hope they'll come back next year for an in-person commencement. In the meantime, we're busy this summer getting ready for the fall. It won't be a normal semester either, but hopefully we'll be at least partly back with students in labs and lecture halls, out in the field, doing our thing.

Many thanks also to Leslie Yakubowsky, Karen Weingarten, Darla Shatto, Jeff Nicholson, and advisors Elizabeth Pike, Anum Qadir, Dawn Fettig, Gretchen Lang, who have all, often from behind the scenes, helped our students and faculty through the pandemic's effect on CU. And thanks to our alumni, who sustain us (and this newsletter) with their stories and up-dates.



Mara Goldman: Reaction to Coronavirus

As classes went online and we all had to adjust our teaching styles and expectations accordingly, I also adjusted my teaching material to directly address the COVID-19 pandemic in both of my undergraduate classes. In **Geography 3862: The Geography of Africa**, I expanded the coverage of medical geography to include an extra lecture and set of readings on how the pandemic is affecting Africa. This discussion tied directly to material covered in class on HIV/AIDS and Ebola. I also encouraged an expanded discussion in our online 'news discussion' post on Canvas* to talk about the various stories coming out in the media regarding the increased risks many African countries face, along with some of the surprising responses—including increased poaching in South Africa, food security success in Nigeria based on responsible policies, and the development of new technologies to meet the needs of patients in Cameroon. I was also responsible for the last third of **Geography 1962: The Geographies of Global Change**, a co-taught class. Because of the timing, it was entirely online. The module was meant to be on Gender, Environment and Development, using different cases from around the globe. While keeping this general theme, I re-designed the last week of the class to focus specifically on the gendered-classed-and-raced dynamics of COVID-19 as a natural/social risk. Readings consisted of journalism pieces that discussed the effects of COVID-19 on gender relations and responsibilities (such as women taking on more of the care-giving roles), as well as the very different impacts it has had on places around the world—from densely populated urban areas in India to American suburbs. The final assignment was also redesigned into a policy brief/short paper asking students to discuss how COVID-19 should be addressed in a way that takes seriously the vastly disparate effects on individuals, communities and countries as related to gender, race, class, wealth, and other categories of social difference and access to power. I am hopeful that these changes will both help the students navigate their own varied experiences in this unprecedented time as well as to see the value of geography as a tool to understand the world we live in all of its global, local, social and natural complexity.



Mara Goldman

Some of the readings I have added include:

- Lewis, Helen. "[The Coronavirus Is a Disaster for Feminism](#)", *The Atlantic*, Mar 19, 2020.
- Sullivan, Tim, et al. '[I am so afraid](#)': India's poor face world's largest lockdown, *APNews*, Apr 16, 2020.
- [Mapping Risk Factors for the Spread of COVID-19 in Africa](#), *Africa Center for Strategic Studies*, April 3, 2020
- Flood, Zoe. [How Africa's tech innovators respond to the coronavirus pandemic](#), *Aljazeera*, Apr 15, 2020.

*Canvas is a cloud-based learning management system that can be used as an additional space for instruction, a communication hub for students, as well as a place to collect, grade and track assignments.



Page Hartwell: An Undergraduate's Perspective on COVID-19

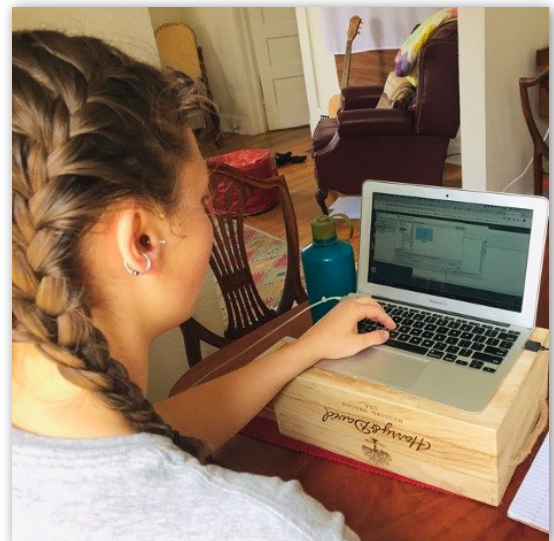
Online learning is not new to me, but using Zoom is. Prior to CU, I attended online classes via a website without in-class time or seeing any other students. With Zoom, I can see my classmates' faces. Had we not already met in person it would not be nearly as much fun now. I used to ride around Boulder on my bike from my first class until after dark most days going from main campus to East Campus and back multiple times a day with errands in between when I had time. Now I am in the kitchen making snacks during my passing periods, which is fun I admit, but it can't be good in the long run. Normally, I would see friends or go on adventures along the Front Range, but now I'm back at my computer to squeeze in more work which seems to have increased with the remote learning transition. I worry about the resumption of in-person classes causing a second wave of infection. It is a moral dilemma I do not want to confront, nor do I completely trust humans to choose well.



Page Hartwell

When we transitioned to remote learning, I chose to move to my parents' house. In response to quarantine, my family of four humans and a dog banded together in a small house. Though not the smallest we have lived in, it is still a challenge to carve out space and time for myself. For us, the virus has increased communication with far-flung family members, especially those on either coast of the country. For example, my dad and his sister check in nearly every day now. After hearing from him recently, she sent back an email joking that we remind her of "The Little House on the Prairie". Over the next few days my mother realized how true that joke rings for us. She laughingly said, "We are the Little House on the Prairie, the Little Hartwells on the Prairie!" She said this as my sister prepared another loaf of her homemade sourdough bread and my dad funneled some of his kombucha into bottles for its second fermentation. We started compiling a list of all the things we thought fit the joke including DIY bike and car maintenance, haircuts for both humans and the dog, shoe cobbling, and raised bed gardening/farming.

Our list makes me wonder what others are discovering in their households. What changes will come from this time of COVID-19? Will society return to a bartering economy? Will people see the rebound of ecosystems as yet another sign that we humans need to change our habits and ways of life? Will Western societies rediscover the value of having elders nearby now that so many are at risk? Uncertain times make me feel grateful and lucky to have this place and these people in my life as we pull together to address the struggles of a pandemic.



Page is a junior at CU Boulder majoring in GEOG & ENVS with a Spanish minor.



Satellite-based snowpack information to inform water resource management during the COVID-19 pandemic

Note: The article photos don't accurately depict what the research team is doing now or will do as long as social distancing is in effect, nor once they start work on the proposed project. Fieldwork will be different during the pandemic.

Dr. Noah Molotch, Associate Professor of Geography, **Kehan Yang**, Geography PhD Student, and **Leanne Lestak**, Geography Alumnus, all members of the Mountain Hydrology Group at the Institute of Arctic and Alpine Research (INSTAAR) at CU Boulder have recently submitted a research proposal to NASA in response to their call titled, "Rapid Response and Novel Research in Earth Science". The COVID-19 pandemic has created significant challenges across several aspects of society. Of the many critical services that must be maintained during the pandemic, a robust food and water supply is among the most essential. Agricultural production in the semi-arid western U.S. relies heavily on water supply forecasts, which are anchored by mountain snowpack measurements made on the ground by personnel and with carefully maintained automated sensors (Figure 1).



Figure 1. Ground-based snow measurements (left) which cannot be accomplished during COVID-19 due to social distancing requirements and automated Snowpack Telemetry (SNOTEL) sensor (right), which requires ongoing field maintenance also difficult to accomplish during COVID-19. Photo Credit: U.S. Natural Resource Conservation Service (NRCS).

The Mountain Hydrology Group is sharing near real time snow water equivalent (SWE) estimates with hundreds of water managers and forecasters in operations across California, Colorado, Utah, and Wyoming. SWE is the amount of water released if the entire snowpack is melted and is of utmost importance to water managers and forecasters who are managing water flows to water users in the western U.S. As the COVID-19 pandemic has impacted work flows for federal and state agencies responsible for measuring mountain snow, many routine manual measurements are no longer made (Figure 2, red dots). For example, multiple offices of the U.S. Natural Resource Conservation Service (NRCS) (e.g., Colorado) have discontinued manual



snow surveys for the month of April, with unknown impacts to operations in May, and for the coming fall, winter and spring. In this regard, the NRCS automated Snowpack Telemetry (SNOTEL) network requires significant maintenance during summer and fall and thus, even if the COVID-19 situation is resolved by next winter, many SNOTEL sites may not be operational for the 2020-2021 snow season.

In the context of the COVID-19 pandemic, our team proposed a project to fill important snow measurement data gaps to ensure water supplies for municipal, agricultural, and hydropower demands. The proposed work is of high significance and will have long-lasting impact in that it will provide a basis for improved SWE estimation in un-sampled regions and will help water management agencies prioritize snow measurement maintenance when resources are limited. It is imperative that this work be performed immediately and rapidly to respond to the evolving COVID-19 pandemic. This research will address an emerging issue of ground-based snow data gaps by leveraging our near real time snow data fusion system that merges NASA satellite data, physical and statistical models, and ground-based snow measurements, both automated and hand-measured to create Snow Water Equivalent (SWE) estimates, which will also serve as an essential part of Kehan Yang's dissertation.

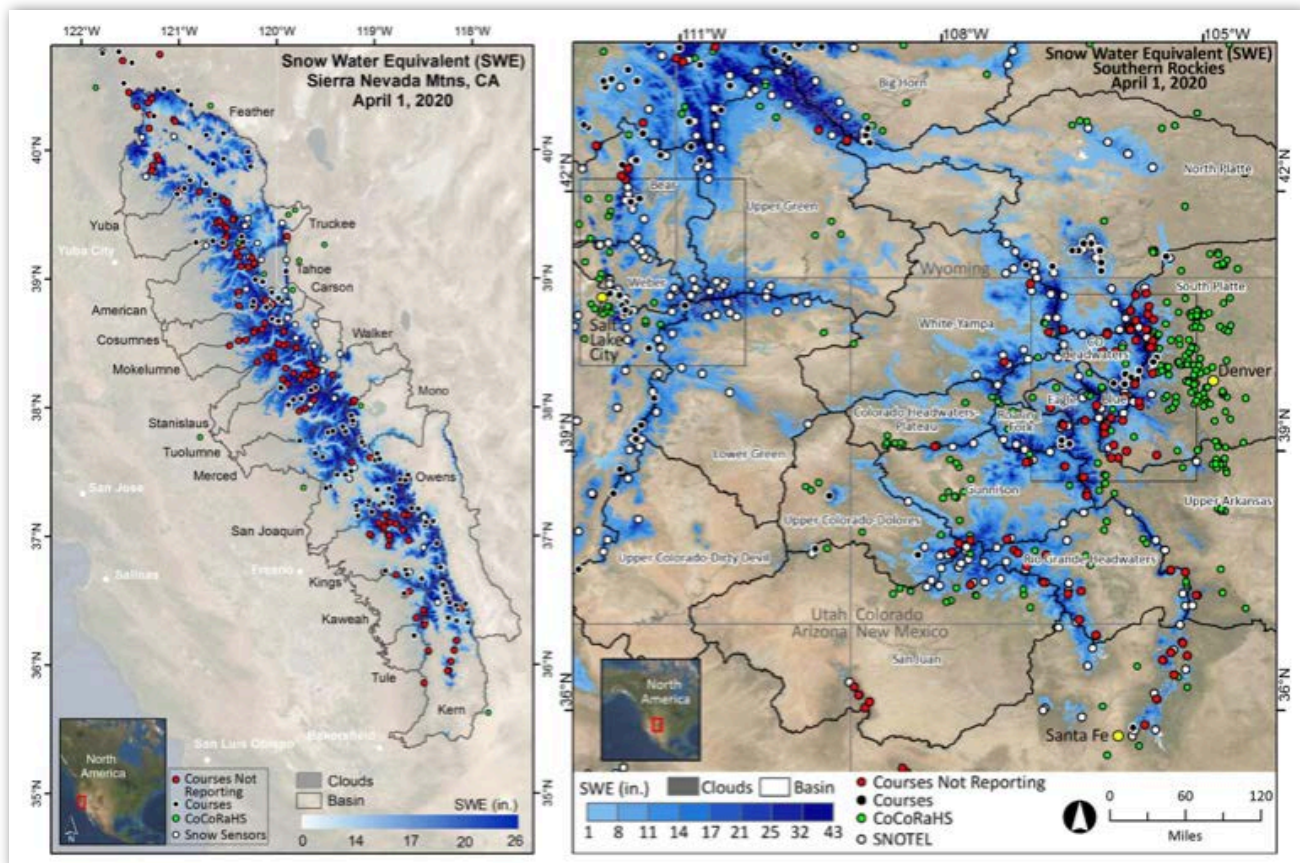
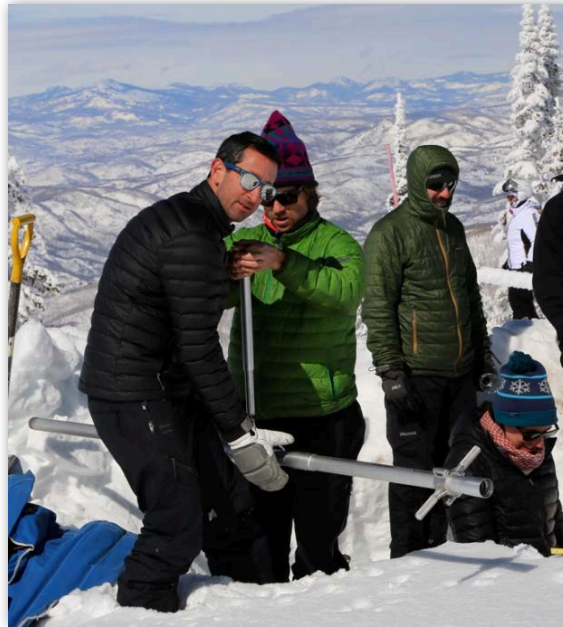


Figure 2. Un-sampled snow courses on April 1, 2020 (red dots) due to COVID-19 for the California Sierra Nevada (left) and the Southern Rockies (right). Blue shading represents real-time Snow Water Equivalent (SWE) estimated from a fusion of ground-based data, distributed models, and satellite data (Created by Leanne Lestak (Geography alumnus) for the near real-time SWE report).



The objectives of the proposed work are two-fold. First, we aim to provide near real time SWE information to augment ground-based data that are temporarily unavailable due to COVID-19. Second, we will share our SWE estimates with the ground-based station operators so that they can prioritize which measurements to keep on-line as they face logistical constraints associated with COVID-19. This will also be beneficial beyond the COVID-19 crisis in the context of ground-based station network design and the future of snow remote sensing.



Left (2 photos): Noah Molotch instructs students on how to use a Federal snow sampler which measures snow depth and snow water content so that SWE calculations can be made. Photo Credits: Bryan Curtis.



Kehan Yang uses a SnowMicroPen to measure the penetration resistance of snow, which helps us better understand snow formation and remotely-sensed radar measurements of snow. Photo Credit: Melissa Estep



University of Colorado Associate Professor and Director of the Center for Water Earth Science and Technology Noah Molotch, right, and field technician Henry Brandes talk about the snow pack inside a snow pit May 14, at the Long-Term Ecological Research program Tundra Lab on Niwot Ridge in western Boulder County.



Professors Seeking COVID-19 Research Funding

In response to the COVID-19 crisis, Geography Department faculty, [Jennifer Fluri](#), [Yaffa Truelove](#), [A. Marie Ranjbar](#), and [Heide Bruckner](#) will examine the economic aftermath of the virus in Colorado. These professors are seeking National Science Foundation Funding to analyze Colorado residents' experiences of economic loss. They will further examine governmental and non-governmental assistance programs at different scales from the national stimulus program to state, county, and municipal responses. This project will examine the differential experiences of shelter-in-place orders and how these have had an impact on individuals and communities across various demographic categories such as age, gender, race, ethnicity, ability, income and education levels, and citizenship. Analyzing the diversity of experiences and responses will help to elucidate how various organizations and government programs have attended to existing and new forms of economic inequality. This research will also focus on specific forms of labor, such as care and service work, tourism, and agriculture, which have experienced significantly negative economic consequences associated with COVID-19.

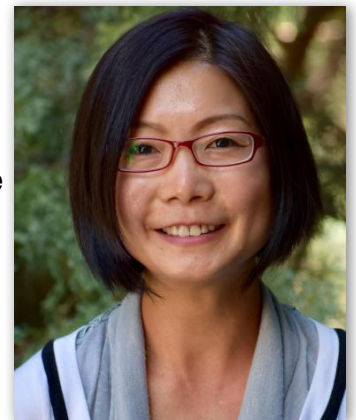
Additionally, the [Boulder Affordable Housing Research Initiative](#) co-directed by Jennifer Fluri, Abby Hickcox (PhD in Geography from CU-Boulder and currently Associate Direct of the Honor Program), and Sabrina Sideris (Program Director of INVST Community Studies Program at CU-Boulder), will focus their ongoing research efforts on the impacts of COVID-19 on housing affordability and housing insecurity in Boulder County and the Denver Metro area.

Human Geography Dimensions of COVID-19 in China

PhD student [Xiaoling Chen](#) and [Travis Klingberg](#) (PhD, 2014) have both published papers on the COVID-19 outbreak in China in the journal *Eurasian Geography and Economics*.

The papers are based on comments from a panel discussion in February, hosted by the Center for Asian Studies and moderated by Professor [Tim Oakes](#). The panel also included Molly Lamb, Assistant Professor of Epidemiology at the Colorado School of Public Health and former Epidemic Intelligence Service Officer at the CDC. Chen's paper, "COVID-19: Public Response and Grassroots Effort During the Novel Coronavirus Outbreak in China on Social Media", discusses the response to the virus in China on the social media platform WeChat, including the response of public and health professionals, local and national government, as well as various non-governmental organizations and volunteers. WeChat has been a particularly active forum within which information has been exchanged and aid offered. It has also been a primary medium through which, the public have expressed their frustration with the official response to the virus.

Klingberg's paper, "In the middle of looking back in COVID-19", discusses everyday life in China under lockdown and highlights the differences in local government and central government reactions to the virus, noting that while we here in the US are noticing discrimination against Chinese people as a general category, there has also been discrimination within China towards Wuhan and Hubei people.



Xiaoling Chen



Introducing A. Marie Ranjbar, Assistant Professor of Geography

My research integrates work in feminist political geography with scholarship on critical human rights, environmental justice, and postcolonial feminist theory. Since 2012, I have conducted research in Iran where I examine evolving relationships between social justice movements, international institutions, and global civil society. My research broadly examines the political conditions that make it challenging for Iranian citizens to speak openly about human rights.

Through the study of social justice movements in Iran, I analyze how activists strategically frame rights narratives as a means of political mobilization, both locally and transnationally. My dissertation work, completed at the Pennsylvania State University in Geography and Women's Studies, focused on silent protests organized by the pro-democracy Green Movement and demonstrated how protesters employed several modalities of silence to make rights claims against the Iranian state. I have also analyzed how environmental movements have strategically 'greened' human rights and argue that conservation functions as a coded language to advocate for political rights in Iran. More recently, my writing has focused on the anti-compulsory hijab movement in Iran, highlighting key dissonances between protesters in Tehran and US-based Iranian activists.

Building on this research, my current project examines the economic and social impacts of international sanctions against Iran. I am particularly interested in how sanctions– which are often framed through the language of human rights – can limit the space of political speech and paradoxically worsen human rights conditions in Iran. In addition to my work in Iran, I regularly observe elections with the Organization for Security and Economic Cooperation. This past spring, I observed presidential elections in Kazakhstan and North Macedonia, and I have also served as an election monitor in Albania, Azerbaijan, and Ukraine. I plan to integrate this work into my future research on human rights and elections in authoritarian contexts.

I am thrilled to join the Geography Department at CU Boulder and excited to build collaborations across the University!



A. Marie Ranjbar



Professor Ranjbar observing elections in Almaty, Kazakhstan in 2019.



Narrating Nature: Wildlife Conservation and Maasai Ways of Knowing *Challenging conventional conservation approaches with new stories of living with nature*

Narrating Nature is Geography professor [Mara Goldman](#)'s new book coming out in the fall, by the University of Arizona Press, Critical Green Engagements Series.

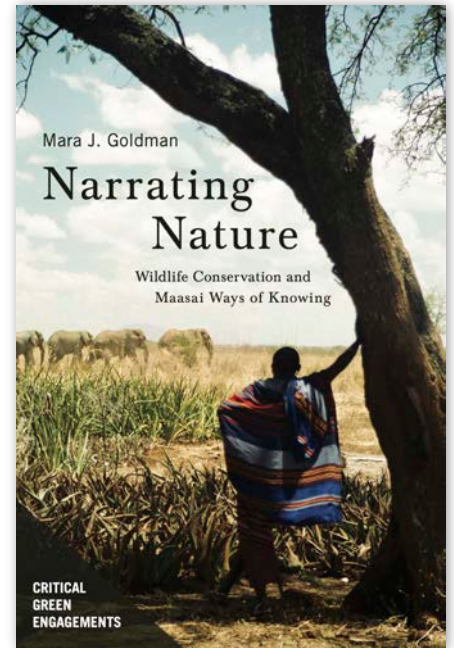
Narrating Nature opens up dialogue that counters traditional conservation narratives. It offers conservation efforts that, not only include people as beneficiaries, but demonstrate how they are essential and knowledgeable members of the conservation landscape itself.

The current environmental crises demands that we revisit dominant approaches for understanding nature-society relations. *Narrating Nature* brings together various ways of knowing nature from differently situated Maasai and conservation practitioners and scientists into lively debate. It speaks to the growing movement within the academy and beyond on decolonizing knowledge about and relationships with nature, and debates within the social sciences on how to work across epistemologies and ontologies. It also speaks to a growing need within conservation studies to find ways to manage nature with people.

This book employs different story telling practices, including a traditional Maasai oral meeting—the *enkiguen*—to de-center conventional scientific ways of communicating about, knowing, and managing nature. It draws on more than two decades of deep ethnographic and ecological engagements in the semi-arid rangelands of East Africa—in landscapes inhabited by pastoral/agro-pastoral Maasai people and heavily utilized by wildlife. These iconic landscapes have continuously been subjected to boundary drawing practices by outsiders, separating out places for people (villages), from places for nature (protected areas). *Narrating Nature* follows the resulting boundary crossings that regularly occur—of people wildlife, and knowledge—to expose them not as transgressions, but as opportunities to complicate the categories themselves and create ontological openings for knowing and being with nature otherwise.

Narrating Nature opens up dialogue that counters traditional conservation narratives, by

providing space for local Maasai inhabitants to share their ways of knowing and being with nature. It moves beyond standard community conservation narratives that see local people as beneficiaries or contributors to conservation, to demonstrate how they are essential knowledgeable members of the conservation landscape itself.



2018: Professor Goldman with women in Tanzania at the Esilalei Cultural Boma, whom she has worked with since 2003.



Emily Yeh: Sabbatical Report: Pastoralists of the Upper Yangtze

I spent the last ten days of my sabbatical in China, in June 2018, on a trip to Drido and Chumarleb counties of Yushu Prefecture, Qinghai, on the Tibetan Plateau. The trip was organized by Drokpa Tsang, meaning “Nomad House” in Tibetan, a recently established social enterprise based in Drido, aimed at revitalizing Tibetan pastoral areas. Three young Tibetan staff members of Drokpa Tsang, along with Dorje Tashi, a well-known environmentalist who is working with them, accompanied our group, which consisted of three retired businesspeople from Hong Kong, myself, and a woman from Beijing who had worked with the Hong Kong organizer of the trip.



An uncooperative horse at the homestay. Photo: Ka Tserang

Over the past two decades, Tibetan pastoral mobility and pastoralism more generally have been eviscerated by a storm of environmental, developmental, and educational policies. Purportedly environmental policies have fenced and privatized use rights to grassland, increasing vulnerability to climate change, and exacerbating rangeland degradation. More drastic policies of “ecological migration” have led to the wholesale removal of many pastoral communities to the outskirts of distant towns. School consolidation policies that have closed village schools, concentrating them in distant county seats, have also incentivized households to move away from the land. State discourse that paints Tibetan nomads as backwards, ignorant, and “low quality,” has converged with a Buddhist modernist movement against the slaughter of livestock to further devalue Tibetan



Inside the home of a former village head/environmental activist in Cuochi, upper Yangtze area.

his family home in Drido, where we stayed for two days experiencing and learning about everyday pastoral activities, such as herding, collecting and drying yak dung, milking, weaving with yak hair, and traditional games. Soba quit his salaried position at a university a year before to return home to make a life on the pastures, despite his parents and all of his friends thinking that he had gone completely insane. Our group's visit was the first test of the homestay concept for his household, and of Drokpa Tsang's plan to run ecologically and culturally informed study tours.

After acclimating for several days in Jyeku (3700 meters), the seat of Yushu Prefecture, we drove to Shari Monastery in Chumarleb County. From here we made our way to Drido County seat, with a population of 20,000 (4300 meters), where Drokpa Tsang is building a cultural-ecological center. We drove a few hours to Soba's ranch along the Tongtian River, which flows southeast to become the Yangtze River, where we stayed for three days. From there we drove further up the Tongtian to Cuochi Village of Chumarleb, the last village before the Qinghai-Tibet highway, on the other side of which is the vast, now-unpopulated Kekexili Nature Reserve. Once a site of successful community environmental activism for the protection of wild yak, wild antelope, and other endangered species, the village has now been eviscerated by ecological migration. We stayed at a home of a former village head and environmental activist before driving back to Golmud along the Qinghai-Tibet highway.

pastoralism. Low prices for pastoral products add insult to injury. Today, across the plateau, nomads aspire for their children to leave pastoralism behind and move to cities.

Concerned about the deep cultural loss abandonment of pastoral territories entails, Drokpa Tsang hopes to model a path for a new generation of young, educated Tibetans to return to their ancestral lands, by pioneering family ranches that combine pastoral production with tourist homestays. One of the staff members of Drokpa Tsang, Soba, runs a new homestay at

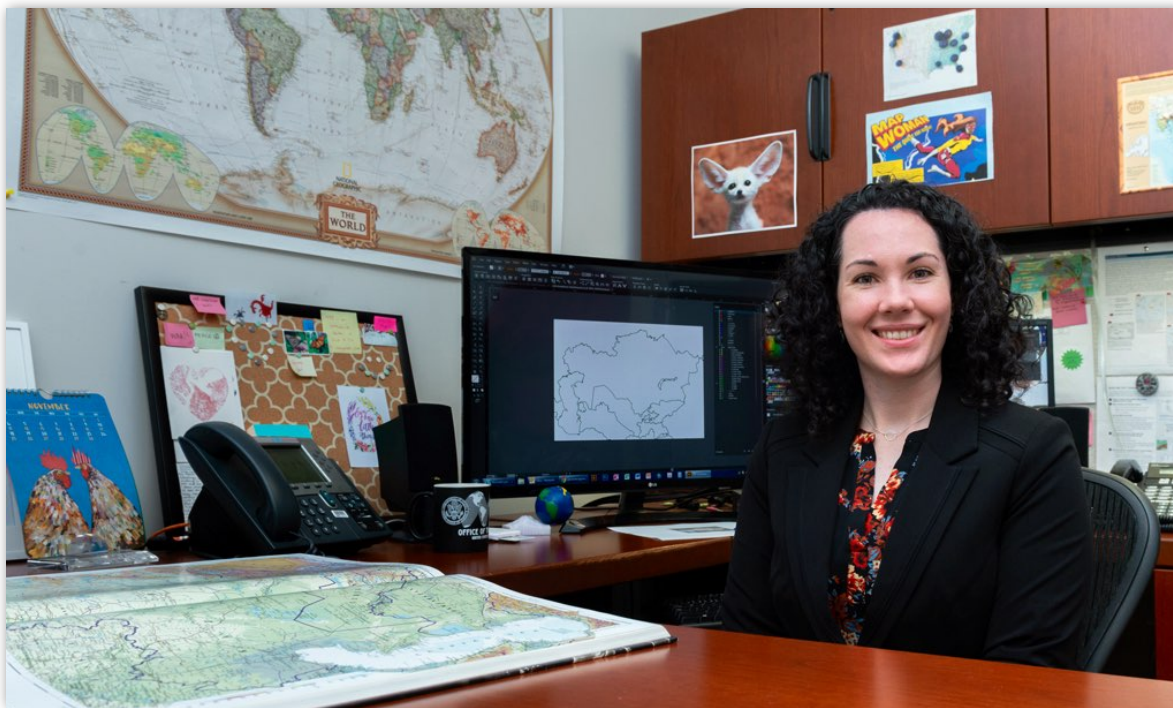


Grandfather of the family playing a traditional board game.



Alumnus Update: Brooke E. Marston, BA 2012

After graduating from CU, I earned my M.S. Geography degree from Oregon State University. I'm a cartographer in the Office of the Geographer and Global Issues (GGI) in the U.S. Department of State's Bureau of Intelligence and Research, a member of the Intelligence Community (IC) situated at the nexus of foreign diplomacy and intelligence. I make maps and infographics to support all-source and value-added independent analysis of events to State Department policymakers. I represent the Department of State on the U.S. Board on Geographic Names (BGN), a federal organization striving to standardize geographic place name usage throughout the U.S. Government. I also serve as an editor for the "Atlas of Design", a publication by the North American Cartographic Information Society (NACIS), and as a cartographic reviewer for the "Journal of Maps". My panorama map of Denali has been featured in multiple atlases, including the 2019 National Geographic "Atlas of National Parks". In February 2020, the "New York Times for Kids" interviewed me for a center spread feature to help kids think about what they might want to do for their careers. In my spare time, I 3D print mountains to explore new ways to visualize and map landscapes.



Brooke Marston, a cartographer for GGI, creating a map of Kazakhstan. Photo: Isaac D. Pacheco

The Geography Department at CU Boulder was where I discovered my passion for cartography. The dedication and willingness of my professors to share their knowledge in a supportive environment was paramount to my deciding to pursue a career in Geography, with a focus in cartography and geovisualization. The CU faculty always encouraged me, and provided me with a solid foundation on which to build a successful and rewarding career as a professional cartographer.

I hope that sharing my career journey will help fellow geographers to follow their passions and interests, wherever it may take them.



Colleen Reid

Professor [Colleen Reid](#) recently received funding from the Colorado Population Center (CUPC) to support a graduate student researcher for the summer of 2020 to analyze data on the mental health impacts of the COVID-19 pandemic and associated social/physical distancing measures among residents of Denver, CO. This work will leverage data from a survey Dr. Reid has been conducting since the fall of 2019 on neighborhood characteristics and mental health in Denver. Dr. Reid also teaches the **GEOG 3692: Introduction to Global Public Health** and has been incorporating material into that course as it relates to the topics at hand and COVID-19.

Professor Reid also recently received CU's Outstanding Mentor Award Honorable Mention.



Kripa Dongol

Kripa Dongol

[Kripa Dongol](#), CU MA Student of Geography, won the American Association of Geographers (AAG) Cultural & Political Ecology Award for her research titled, "Environmental Narratives and Embodied Experiences in Nepal's Water Infrastructure: Perspectives from the intake sites of the Melamchi Water Supply Project".

Andrew Nuss

Congratulations to CU Geography undergraduate Andrew Nuss! He was awarded an Undergraduate Research Opportunities Program (UROP) Individual Grant for the 2020-21 Academic Year term to work on the project "Nationalism and Self-Determination: A Geographic Analysis of Kurdish Communities in Southern Turkey" under the mentorship of [A. Marie Ranjbar](#). Andrew will

receive a stipend of \$1500 to support his work.

CU Boulder has a rich culture for cultivating undergraduates as emerging scholars, artists and practicing researchers. UROP provides consultation services, workshops, and grants to promote undergraduate research as a high-impact learning practice for student success. Each year UROP funds hundreds of students who produce new knowledge and creative work with CU's world-class faculty. For more information see the CU Boulder [Undergraduate Research Opportunities Program](#) page.



Andrew Nuss



Thank You! The Department of Geography is grateful to its alumni and friends for their financial support over the years. Our donors have had a big impact, making a difference not only to the Department as a whole, but to the lives of many individual students. There is always a real need for funds to support academic departments. As we strive for higher standards and more and better opportunities for our students, we depend on the caring and generous nature of alumni and friends like you to meet these ever increasing financial needs.



Your gift to the Department of Geography can take many different shapes. The information below may help you find the type of gift that best meets your needs, the impact you want, and the way you want to give. The CU Foundation can also assist you with your needs, be they for targeted or unrestricted programs.

Geography Department Fund

This fund is for academic support in the broad sense. If giving online and you want your gift to go to a specific scholarship, please provide scholarship name in the "Comments" section.

GIVE NOW Go online to: giving.cu.edu/fund/geography-department

Undergraduate Scholarship Programs

A. David Hill Scholarship Fund

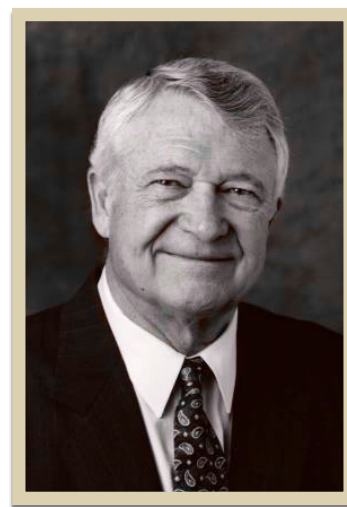
Established by Richard L. Knowlton, Professor Hill's former teammate and friend, and recently endowed by Myhra and Graham Hill, his wife and son. Preference for those with interests in the environment-society relationship. Award is based on merit and demonstrated financial eligibility.

GIVE NOW Go online to: giving.cu.edu/fund/david-hill-endowed-scholarship-fund

Albert W. Smith Geography Scholarship

Established in 1983 to honor Professor Smith at his retirement from the Geography Department faculty after thirty-one years of service to the University.

GIVE NOW Go online to: giving.cu.edu/fund/albert-w-smith-geography-scholarship-fund



A. David Hill

Karl and Barbara von Dreden Stacey Scholarship

Established by Katherine and Frank Baxter in honor of Katherine's parents, Barbara von Dreden (CU class of 1940) and Karl Stacey (CU class of 1936).

GIVE NOW Go online to: giving.cu.edu/fund/karl-and-barbara-von-dreden-stacey-scholarship-fund

Theodore C. Myers Memorial Scholarship

Named in honor of long-time geography instructor Ted Myers. Scholarship is awarded to the undergraduate student with the most exceptional honors thesis.

GIVE NOW Go online to: giving.cu.edu/fund/theodore-c-myers-memorial-fund



Graduate Scholarship Programs

Mable B. Duncan Scholarship Fund

To support scholarships for Geography graduate students at the University of Colorado Boulder, based on financial need.

GIVE NOW Go online to: giving.cu.edu/fund/mable-b-duncan-scholarship-fund

Gary L. Gaile DART Graduate Fellowship in Geography

This fund, in memory of Professor Gary Gaile, provides a fellowship/scholarship for Geography MA and PhD students doing field research addressing social and environmental concerns in developing areas.

GIVE NOW Go online to: giving.cu.edu/fund/gary-l-gaile-dart-graduate-fellowship-geography

James A. and Jeanne B. DeSana Graduate Research Scholarship Fund

This fund provides invaluable support for graduate student research.

GIVE NOW Go online to: giving.cu.edu/fund/james-and-jeanne-b-desana-graduate-research-scholarship-fund

Gilbert F. White Dissertation Fellowship

Named in honor of Professor Emeritus Gilbert F. White, this fellowship provides funding to outstanding PhD. students in the final year of dissertation preparation.

GIVE NOW Go online to: giving.cu.edu/fund/geography-department

Please specify "Gilbert F. White Dissertation Fellowship" in the Comments field.

Geography Graduate Student Support Fund

To provide support for graduate students in the Department of Geography at the University of Colorado Boulder. Support may include research support and equipment purchases. Gifts to this fund can be made in memory of (IMO) **Jennifer Dinaburg**. Jennifer, a vibrant, active doctoral candidate in the Geography department, passed away on April 26, 2012 at the age of 31. In her memory, the department has established a small, named fellowship for doctoral field research.

Jenn was passionate about geography in many forms: through the environment, the outdoors, and through learning about China. After studying Chinese language and literature at Connecticut College, she traveled and worked extensively on the Tibetan Plateau. After a degree in environmental studies at Prescott College, her journey brought her to the Geography PhD. program in 2008 to study the commercialization of Tibetan medicinal plants in China's northwest Yunnan province. Jenn brought a love of mountains, travel, and unconventional learning to the department, where she was well loved for her sense of humor, wit and spirit.



Jennifer Dinaburg

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