

GEOGRAPHY

THE GRADUATE SCHOOL OF GEOGRAPHY
AT CLARK UNIVERSITY



WHERE'S YOUR WORLD? | FALL 2019

NEWS CONTENTS

GRADUATE SCHOOL OF GEOGRAPHY

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WELCOME

A NOTE FROM GSG DIRECTOR, PROFESSOR DEBORAH MARTIN

Dear Geography Friends,

We are again in the swing of things here in the Graduate School of Geography as the semester is fully upon us – actually well past halfway. I often have a stubborn resistance to the start of the fall term, in large part because it begins in August, a month that always seems firmly in the register of “summer” to me. Yet now the semester is very much hurtling along. I sometimes feel that it is hard to keep track of all the amazing things going on, in part because these activities, recognitions, and events form, or evolve from, much of the day-to-day work that we do.

Perusing the pages of this Newsletter, it is clear to me that we are very active, and yet, I am conscious that there is also so much work and contribution that sometimes falls below our collective consciousness. While you look at all the recognitions and activities that we have been able to mark here, please also consider all the day to day work that helped to make these newsletter items possible: the class that inspired a student, a particularly helpful person in the main office, the conversation in a hallway that led to a nomination, the trip that sparked a photo that sparked a conversation, and on and on. When faculty take the time to explain something after class or to take their class on a field trip or to a conference; when staff help someone find the answer

to a question, or solve a problem; these all reflect some behind the scenes work and commitment that really make everything else more enjoyable and possible.

It is important to recognize some of our noteworthy accomplishments, but there are so many, of so much variety, that we inevitably have gaps. As well, there is so much other work and engagement that we do, that is in fact the key suturing that helps people feel supported and valued, that enables everything else. Sometimes we don’t always recognize work or accomplishments that people do, because we don’t know about them (the joke about me in graduate school was that I was always the last to know about everything, and thank goodness for the key friend who clued me in, reliably, when everyone else always assumed that I knew who got that grant, award, paper published, etc.). Some things never change; please keep us informed, because your news is what keeps this newsletter lively and representative of who we all are.

Please enjoy our news, and keep sharing and supporting one another, in ways big and small.

— Deborah Martin, Director

FACULTY NEWS



YUKO AOYAMA SPEAKS AT SEOUL NATIONAL UNIVERSITY CONFERENCE

Professor Yuko Aoyama was invited to speak at the International Conference on "Aging Tigers: Restructuring of Old Industrial Cities in East Asia", sponsored by the Asia Center at Seoul National University, on June 10-11, 2019.



Aoyama was also an invited speaker at the policy forum on the same theme, sponsored by the Korea Research Institute for Human Settlements, on June 12, 2019. Her presentation focused on the triple aging problem in Japan: demographic, industrial, and institutional.

ANTHONY BEBBINGTON: SUMMER UPDATES

Professor Anthony Bebbington served as Global Chair at the University of Bath over the summer of 2019, where he collaborated with Dr. Roy Maconachie and other colleagues in the Department of Social and Policy Sciences. Bebbington also spent part of the summer in Lima, Peru where he launched Spanish language editions of two books dealing with extractive industry governance and the implications for forests and human rights (see here for photos and text: <https://www.up.edu.pe/prensa/noticias/gobernanza-industria-extractivas-presentacion-libro-universidad-del-pacifico> and here for the second launch: <https://www.dar.org.pe/noticias/np-libroclua/>). Each book was written with **Denise Humphreys Bebbington** of IDCE and colleagues from Peru, Brazil, Ghana and Zambia.

Denise Humphreys Bebbington of IDCE and colleagues from Peru, Brazil, Ghana and Zambia.



DOMINIK KULAKOWSKI DELIVERS KEYNOTE LECTURE IN LVIV, UKRAINE

Professor Dominik Kulakowski delivered a keynote lecture in Lviv, Ukraine at a conference on primeval forests in the face of global change. The conference brought together a global community of scientists working on the ecology and dynamics of temperate and boreal primeval forests, the interaction of local people with forest systems, as well as conservation and management strategies.



RINKU ROY CHOWDHURY, A LEAD AUTHOR FOR IPBES

Professor Rinku Roy Chowdhury,

one of the coordinating lead authors of the historic global assessment of the **Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES)**, participated in the official launch of the Summary for Policymakers during the 7th session of the IPBES Plenary, held during April 29-May 4 2019 at UNESCO headquarters in Paris, France.



The Report presents the most comprehensive synthesis of global biodiversity ever completed (integrating 15,000 sources of information), and is the culmination of three years of work by 145 expert authors from 50 countries, with input from 310 additional contributing authors. It finds that approximately 1 million animal and plant species are threatened with extinction, many within decades – a scale unprecedented in human history. It analyzes changes to global biodiversity and ecosystem services over the past half-century, specifically connecting them to development pathways and the significant implications for human society and well-being. In particular, the report highlights issues relevant to and draws extensively on indigenous and local knowledge (the first time at a global scale). In the weeks following its launch, the Assess-



Pictured from left) Professors Ellie Crocker, John Baker, Youjin Chung, Robert Tobin, Dominik Kulakowski, Florencia Sangermano, Lyndon Estes, and Gohar Siddiqui.

FACULTY NEWS

ment has received significant global media coverage (e.g. see [here](#)).

CLARK RECOGNIZES FACULTY FOR OUTSTANDING PERFORMANCE

Clark President David Angel and Provost David Baird recently recognized a group of faculty (pictured above) for their outstanding performance in the classroom, lab, and field. Among the faculty recognized were geography's own **Professor Florencia Sangermano** (*Oliver and Dorothy Hayden Junior Faculty Fellowship Award*), **Professor Youjin Chung** (*Hodgkins Junior Faculty Award*), **Professor Dominik Kulakowski** (*Outstanding Undergraduate Teaching Award*), and **Professor Lyndon Estes** (*Outstanding Graduate Mentor/Advisor Award*). Congratulations to all !



EXTRACTIVES@CLARK

Fall 2019 marks the launch of [Extractives@Clark](#). The Clark Center for the Study of Natural Resource Extraction and Society. The Center grows out of research conducted in and through the GSG, addressing the relationships between extractive industries, agriculture, land cover, water resources, livelihoods and rights. Much of this work has been conducted in partnership with Oxfam, the Ford Foundation, the Climate and Land Use Alliance and the University of Manchester, and has brought together faculty

and students working in human environment geography, development studies, landscape ecology, GIScience and remote sensing. The Center is a collaboration of faculty, researchers and students in the GSG (**Anthony Bebbington & John Rogan**), IDCE (**Denise Humphreys Bebbington**), and the Marsh Institute (**Nick Cuba, Ph.D. '17**), with a view to expand more widely across the university.

The Center was launched formally on October 21st through an event, *Voices from the Mine*, with the [New Earth Conversation \(NEC\)](#). During this semester, the Center has brought in speakers from the Ford Foundation, Oxfam, Derecho, Ambiente y Recursos (Peru), the University of Bath and the Unitarian Universalist Service Committee. Speakers supported two NEC Collaborative courses, gave research talks, and met with students. Congratulations to all on this exciting launch!



RINKU ROY CHOWDHURY JOINS CLIMATE RESILIENCY SCENARIOS WORKSHOP

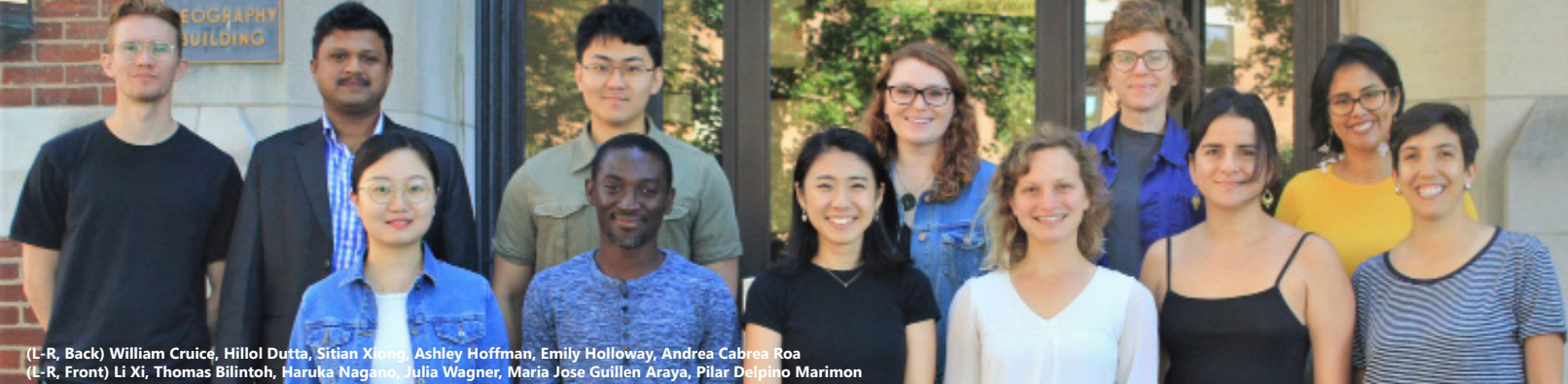
Professor Rinku Roy Chowdhury and Research Assistants/MS-GIS alumni Carson Hauck (MS-GIS '19) and Henrik Westerkam (MS-GIS '19) led a participatory GIS plan-

ning exercise with diverse stakeholders in Miami, Florida as part of a Climate Resiliency Scenarios workshop held in April 2019. With collaboration and input from municipal agencies, NGOs, civil society and scientific collaborators, Roy Chowdhury's research team is developing spatial scenarios integrating key drivers of vulnerability to climate impacts such as urban flooding related to sea level rise and/or storm surge due to hurricanes. The work is part of the [Urban Resilience to Climate Extremes](#) project funded by a National Science Foundation Sustainability Research Network award, through which Clark University collaborates with several other institutional partners, led by Arizona State University.



KAREN FREY RECEIVES 5-YEAR NSF GRANT FOR ARCTIC DBO RESEARCH

Professor Karen Frey received a grant from the National Science Foundation (NSF) in support of her research focusing on the distributed biological observatory (DBO), looking at a change detection array in the Pacific Arctic region. This funding supported her recent expedition to the Pacific Arctic this past summer, aboard the CCGS Sir Wilfrid Laurier. Congratulations, Karen!



(L-R, Back) William Cruice, Hillol Dutta, Sitian Xiong, Ashley Hoffman, Emily Holloway, Andrea Cabrera Roa
(L-R, Front) Li Xi, Thomas Bilintoh, Haruka Nagano, Julia Wagner, Maria Jose Guillen Araya, Pilar Delpino Marimon

GRADUATE STUDENT NEWS

WELCOME TO OUR FIRST-YEAR DOCTORAL COHORT!

As noted in the [Summer 2019 news-letter](#), the Graduate School of Geography is thrilled to have 12 new doctoral students join the GSG and CUGS community (pictured above). Our newest members are: **Thomas Bilintoh**, **Andrea Cabrera Roa**, **William Cruice**, **Pilar Delpino Marimon**, **Hillol Dutta**, **Maria Jose Guillen Araya**, **Ashley Hoffman**, **Emily Holloway**, **Haruka Nagano**, **Julia Wagner**, **Li Xi**, and **Sitian Xiong**.



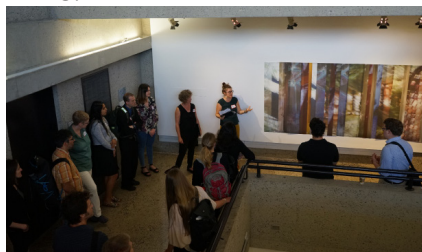
NICK GERON RECEIVES UNIVERSITY TA AWARD

Congratulations to **Nick Geron** (Ph.D. student) on receiving the 2018-19 Clark University Outstanding Graduate TA Award! Nick was selected for this award based on his dedication and efforts throughout TA/Raships for Landscape Ecology (GEOG 232/332), Wildlife Conservation GIS (GEOG 336), and the HERO program. Congrats, Nick!

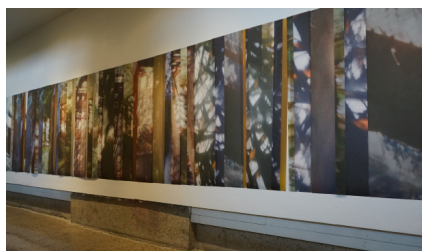
LESLIE GROSS-WYRTZEN EXHIBITS VISUAL INSTALLATION WORK

Leslie Gross-Wyrtzen (Ph.D. stu-

dent), with artist-collaborator Heather Parrish (University of Iowa), exhibited a visual installation entitled *Border Disruptions* at the *The Line Crossed Us: New Directions in Critical Border Studies* conference at the University of Lethbridge, June 14-15.



The piece, measuring 25 feet by six feet, consists of digitally manipulated images printed on mylar that can be layered, moved, or removed at each installation. The piece evokes the multiple, contingent meanings of boundaries and seeks to destabilize notions of borders as fixed entities. This installation is part of an ongoing collaboration entitled, "Working the border: Interdisciplinary encounters across intellectual, political and material boundaries." Congrats, Leslie!



ALEX MOULTON RECEIVES GRANT AND FELLOWSHIP

Recently, Ph.D. student **Alex Moulton** was awarded a NSF GSS DDRI Award for his research focusing on "Afro-Indigeneity and Protected Area Management in Jamaica". Alex is also a part of the Diversity Disser-

tation Fellowship at Middle Tennessee State University. Additionally, in his free time, Alex was able to successfully launch a podcast project called "Antipod: A Radical Geography Podcast and Sound Collective" with collaborators. Congratulations, Alex!



(L-R) Jamieson Chaitman, Anthony Himmelberger, Andrew Pagan, Gemma Wilkens, Anika Berger, Olivia Landry (not pictured: Eli Baldwin)

MS-GIS ACCELERATED DEGREE PROGRAM (ADP) WELCOMES 2019-20 COHORT

The GSG extends a big welcome to the 2019-20 MS-GIS Accelerated Degree Program (ADP) cohort! Our MS-GIS ADP students are: **Eli Baldwin** (B.A. GEOG '19), **Anika Berger** (B.A. GES '19), **Jamieson Chaitman** (B.A. GEOG '19), **Anthony Himmelberger** (B.A. ESS '19), **Olivia Landry** (B.A. ARTH '19), **Andrew Pagan** (B.A. GEOG '19), and **Gemma Wilkens** (B.A. ECON '18).

This year's cohort consists of two students on the Research Track, who will complete a Master's Thesis, and four students on the Internship Track, three of whom are currently working on various grant-funded research at Clark Labs, and one of whom will complete an internship with the Central Massachusetts Regional Planning Commission (CMRPC). We look forward to seeing the results of their hard work at the end of the semester/academic year!



Kasyan Green following a canoe path for his summer research with the Greater Worcester Land Trust

UNDERGRADUATE NEWS



URBAN FORESTRY STUDENTS SURVEY TREES PLANTED BY THE DCR

Students from **Professor John Rogan's** Urban Forestry class (GEOG 286/386) are spending the Fall semester surveying the structure of trees planted by the [Department of Conservation and Recreation \(DCR\)](#) in 2010, following the removal of street trees infested by the Asian Longhorned Beetle.

Pictured below, students hide behind a car on Granville Ave in the Burncoat Neighborhood (Worcester), preparing to stay turned the beam of the Lidar that HERO student **Cynthia Sellers (ESS '19)** is about to start. Cyndi is being trained by **Arthur Elmes (Ph.D. '17, post-doc in the The School for the Environment at UMass Boston)**.



LUKE WATSON-SHARER HELPS TO MODEL ROADS AND LESSEN CONGESTION IN PHILADELPHIA, PA

The City of Philadelphia in recent years has seen major spikes in development throughout the city. Today, there are over 16,000 permits for street closures with over 2,500 miles of roadway throughout the city. This has led to increased levels of congestion and accessibility throughout the city. This has also made it difficult to attribute resources to address illegal street closures as well. **Luke Watson-Sharer ('21)** spent part of his summer working alongside the City of Philadelphia to model City roads and rank them using proximity and other forms of analysis, with respect to street closures. This project looks at how different streets throughout the city carry different impacts with respect to the permitted road and the surrounding roads. Watson-Sharer described his experience, saying, "Working along with the Department of streets in the City of Philadelphia was an enjoyable yet long thought experience. This project has

been a goal of for the Department of streets for some time. Originally, it was meant to just evaluate present closure but we took it a step further by making it so you can evaluate every street in the city. I had a lot of interesting meetings and discussions in building and putting this model together. Overall, I had a very enjoyable and great learning experience that I hope to take more from in the future."

KASYAN GREEN HELPS TO RE-MAP WORCESTER



This year, **Kasyan (Kas) Green ('21)** began working with the [Greater Worcester Land Trust \(GWLT\)](#) to use satellite imagery and image analysis to de-

tect areas of vegetation and map Worcester's landcover. GWLT is a local nonprofit organization that preserves and protects open space in Worcester County. Green was interested in bridging the gap between urban landscapes and the wilderness. During this time, he created a catalog of documents detailing each of the trust's open-space properties throughout Worcester County, ranging from spaces measuring under 1 acre to more than 100 acres. Green created maps, researched and recorded property histories, summarized the conservation restrictions on each parcel, and hiked and canoed around the



HERO Fellows (L-R) Sadie Murray, Juliette Gale, Shannon Reault, and Benjamin Ryan (not pictured: Cindy Sellers, Novak Chen)

UNDERGRADUATE NEWS

properties to photograph and document their status. To navigate his academic journey, Green has relied on guidance from two members of the Geography Department faculty, **Professor Asha Best** and **Professor Rinku Roy Chowdhury**, who serve as his major and internship advisers, respectively. [Click here](#) to see more!



SOPHIE SPILIOPOULOS HELPS BREAK THE (DISAPPEARING) ICE ON ARCTIC RESEARCH TRIP

Under the guidance of her adviser, **Professor Karen Frey**, and working alongside Clark Ph.D. students **Luisa Young** and **Clare Gaffey**, **Sophie Spiliotopoulos ('21)** assisted in the collection and filtering of more than 800 samples of ocean water from five of the eight Distributed Biological Observatory (DBO) sites across the Bering and Chukchi Seas. Spiliotopoulos, who has worked since her sophomore year as a research assistant in Frey's [Polar Science Research Lab](#), is the first Clark undergraduate student to accompany Frey on an ocean expedition.

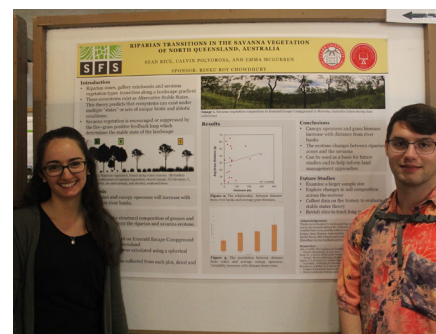
The DBO sites visited by Frey and her colleagues since 2013 are flagged as hot spots for high levels of biodiversity and change. The data collected from this trip will inform a number of research projects to come. Spiliotopoulos will incorporate her findings and observations into her senior honors thesis as well, which she plans to complete in the Spring 2020 semester. She cites the Arctic excursion as a seminal experience.

"I not only spent time in a beautiful place that is rapidly changing, but I was also able to make connections and learn how I can turn my academic interests into a career in the field," she says. **"The intensity of the work created a bond between the scientists, and it was amazing to be part of such an incredible group from such different academic backgrounds."**



(L-R): Professor Karen Frey, Clare Gaffey, Sophie Spiliotopoulos, Luisa Young

To learn more about the [Polar Science Research Lab](#), visit their website or [Facebook page](#), or follow them on Instagram [@clarkpolar-science!](#)



GSG-AFFILIATED STUDENTS PRESENT AT FALL FEST

Each year, Clark University hosts Fall Fest, an annual showcase through which undergraduate student research is celebrated. This year, several of our students in Geography, Global Environmental Studies (GES), Environmental Science, Urban Development Social Change (UDSC), and HERO (Human Environment Regional Observatory) presented work they completed over the summer, and/or are continuing to develop throughout the academic year. Check out the full list of participants [here!](#)

Pictured above: Emma McGurren (GES '20) & Sean Rice (BIOL '20). Header Photo: HERO Fellows Sadie Murray (GEOG '21), Juliette Gale (GEOG & GES '20), Shannon Reault (ESS '20), and Benjamin Ryan (GEOG '21).

We do a newsletter every semester! Remember to send in your updates from the lab, classroom, or wherever your research takes you!



ALUMNI NEWS

ASHLEY YORK BECOMES FULL-TIME LECTURER AT ROWAN UNIVERSITY

The Department of Geography, Planning, and Sustainability in the School of Earth and Environment of Rowan University welcomed **Ashley York (Ph.D. '19)** as a new full-time lecturer in the GIS program at the start of Fall 2019, joining a contingent of past Clarkies including **Zachary Christman (Ph.D. '10)** and **Kevin Keenan (Ph.D. '09)**, the latter of whom joined the department as Chair last year. Congratulations, Ashley!

ANN OBERHAUSER SERVES AS VISITING PROFESSOR AT GOTHENBURG UNIVERSITY



Ann Oberhauser (Ph.D. '88) spent part of her summer as the Adlerbertska Visiting Professor of Sustainable Development in the School of Business Economics and Law at the University of Gothenburg in Sweden. Oberhauser worked with colleagues on research, taught undergraduate classes, and advised graduate students in Gothenburg's School of Business, Economics and Law. Oberhauser also [presented research on political polarization and place in the North American Heartland](#). Throughout working with program, Oberhauser reports that she learned a lot about higher education in Sweden, as well as family-friendly lifestyles and equitable approaches to work among faculty and students at this university. She writes, "this was a tremendous experience for me and will lead to some future collaborations with Swedish colleagues." Dr. Oberhauser currently serves as the Director of the Women's and Gender Studies Program at Iowa State University.

MIREYA BRAVO AND JUAN LUIS DAMMERT ELECTED TO SEPIA'S CURRENT BOARD OF DIRECTORS



[The Permanent Seminar in Agrarian Research in Peru \(SEPIA\)](#) promotes academic and policy debate on rural development challenges across the Andean countries. Indeed, it is widely recog-

nized as one of the leading venues for debates on rural issues in hispanophone Latin America. Among its members, each of whom is elected on the basis of their contributions to agrarian and rural studies, are three different Ph.D. graduates from the GSG. Two of these, **Mireya Bravo (Ph.D. '16)** and **Juan Luis Dammert (Ph.D. '17)**, have been elected to SEPIA's current Board of Directors. They have also played leading roles in SEPIA's last two biennial congresses, presenting invited plenary keynotes on Rural Landscapes (Bravo) and Global Environmental Change (Dammert).

In the above photo, Bravo introduces the panel at which Dammert presented his keynote at the SEPIA meetings in the city of Puno in August, 2019 – flanked by his two discussants, Avecita Chicchon, Director of the Andes-Amazon program at Gordon Moore Foundation, and Rosa Morales, Director General for Climate Change, Desertification and Water Resources in the Ministry of Environment of Perú.

Professor Anthony Bebbington writes, "It is not an understatement to say that through the work of Bravo and Dammert, Clark Geography plays an important role within core debates on rural research and policy in Perú. Currently Bravo works as a Socio-Environmental Specialist for the NGO, Instituto del Bien Común, and Dammert is Latin America Director for the Natural Resources Governance Institute." Congratulations to both!

JILL WILLIAMS RECEIVES NATIONAL SCIENCE FOUNDATION'S GEOGRAPHY & SPATIAL SCIENCES PROGRAM AWARD

Jill Williams (Ph.D. '13), Assistant Research Social Scientist and Director of the Women in Science and Engineering Program at the University of Arizona, was recently awarded a large grant from the National Science Foundation's Geography and Spatial Sciences Program. This collaborative project with Kate Coddington (SUNY-Albany) will examine how the U.S. and Australia use public information campaigns as border enforcement strategies in order to understand the shifting geographies of state sovereignty and the implications they have for transnational human rights. Congratulations, Jill!



ALUMNI NEWS

ANDREW SCHILLER LAUNCHES LOCATION, INC., A RELIABLE CRIME DATA SOURCE

Andrew Schiller (Ph.D. '01) is the Founder and CEO of [Location, Inc.](#), a SaaS company that builds and delivers Big Data about locations. The College Board recently chose Location, Inc. for its crime data. The College Board joins other major companies, like Move, Inc. (parent of Realtor.com) who license location-based data from Location, Inc. headquartered right here in Worcester, Massachusetts. Location, Inc. prides itself as being the #1 most trusted source for crime data. Congratulations, Andrew!

MORE PH.D. ALUMNI UPDATES

Stentor Danielson, Ph.D. '07, shares updates on research, academia, and more.



"Hello fellow Clarkies! It's been a while since I've sent an update. For the past two years I've been the chair of the Department of Geography, Geology, and the Environment at Slippery Rock University, a state school in Pennsylvania just north of Pittsburgh. I'm still doing work on forest fire management, and this past summer I got a grant, along with my SRU colleague Jialing Wang, to take five of our students to Yunnan Province to lay the groundwork for a project on fire in China. While I was there, I also picked up a few geocaches, which are the subject of another line of research I'm working on. Outside of my academic work, I also have a side business making decorative maps -- check out [mapsburgh.com](#). I've also become very involved in the tabletop roleplaying community (including publishing some games through my company Glittercats Fine Amusements), and I've been working on incorporating roleplaying games into my classes."

IZHAK SCHNELL (PH.D. '84) SHARES JOURNEY FROM THE GSG TO TEL AVIV, ISRAEL

"I worked on my Ph.D. during the years 1980-1984 with Duane Knos as the formal advisor and with the support of Anne Buttimer and Berny Kaplan (from Psychology). **The four years at Clark University were the most stimulating period of my life.** The diversity of approaches, the open discussions out-

side the classroom gave me a unique opportunity to expose myself to opinions, world views and theoretical and ethical positions. The coffee corner in the lab became the most stimulating room in the world. Friday afternoon was the peak of the week when gradually a stream of people headed to Moynihan's Pub, breaking walls between students and professors over beer. In Moynihan's I learned that even in the production of knowledge, jealousy and personal experiences etc. played an essential role. My conclusion was that I, with all my limitations, have the right to come out with my innovative ideas and that they may be just as relevant as the ideas of others."

After finishing the doctoral program and receiving his Ph.D., Schnell secured an academic position at Tel Aviv University, utilizing skills in quantitative methods while nodding to Clark's influence of existential phenomenology and structuration theories. Schnell writes, "I have published several articles on the interpretation of Zionist landscapes and the interpretation of representations of landscapes -- in art, literature and mapping. In 2020 a book on the politics of maps in building the Israeli nation state will be published in Oxford University press." Schnell's background and research in social geography (and more recently environmental geography as well) led him to continued success, focusing on various topics of deprivation, routes of urbanization, and socio-spatial integration versus segregation based on the accumulation of intra and inter-ethnic forms of capital. Schnell has also given several years of service to the Israeli Association of Geographers as departmental chair, vice president, and president, also with recognition received for excellent research. He also has served as a representative of the Israeli Academy of Science in the International Geographical Union, where he served as a vice president of the urban commission, and later serving as a member of the Israeli committee for geographical education in schools.

ALUMNI SURVEY

The GSG hosts an ongoing survey aimed to collect the most recent updates on our alumni. Let us know what you've been up to! Fill out our quick survey online, [linked here](#). Thank you!



Wolfgang Leybold chatting with Karen Frey during a break in the career workshop

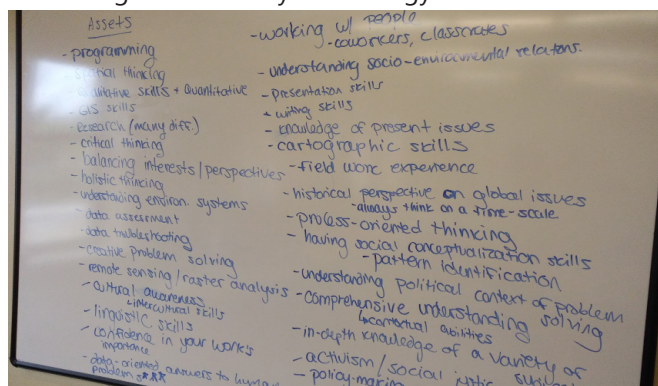
CAREER WORKSHOP

GEOGRAPHY HOSTS CAREER WORKSHOP FOR STUDENTS ACROSS ALL PROGRAMS

On Wednesday, October 2nd, the Graduate School of Geography was thrilled to host Mr. Wolfgang Leybold of [Leybold Strategy Consultants](#), who hosted a workshop entitled, "Successful Communications for Clark Geographers: A workshop to become your own marketing manager". This workshop drew a crowd of geographers across all levels: undergraduate majors/prospective majors, master's students, doctoral students, and even a few faculty and staff who sat in to observe. Mr. Leybold offers this high-impact workshop to geography departments at universities across the world, and the success of his program was clear in the responses from the attendees.

About the Workshop:

"For geography students, in particular, communications is truly essential, since what people typically associate with "geography" does not even come close to the complexity and usefulness of this degree and the many assets it delivers towards a really versatile job profile. In this workshop, we focus on the challenge of bridging this communication gap. We will start by changing your perspective to that of a recruiter and what they are looking for. You will then learn to develop your very own communications strategy which will highlight those skills, which you acquired during your university career. This will enable you to create your own selling proposition to support you in quickly starting your career. As Clark students, many of you are focused on environmental issues and sustainability. So make your passion one of the strongest assets in your strategy!"



Workshop Topics:

- How to anticipate what recruiters look for in geography-related fields
- What are my particular strengths as a Geography graduate?
- Strategies for creating an effective communications approach
- How to really get others excited about hiring a geographer
- How to take the lead in an interview and make the geography pitch
- Position yourself as an agent of change and show others what you can do

About the Lecturer:



After obtaining his Geography degree at Augsburg University, **Wolfgang Leybold** worked for several years as a project manager in an agency for the promotion of regional economic development in southern Germany.

He co-founded his first HR consultancy in 2004, where he acted as Managing Partner and advised clients along the complete recruiting process and offered numerous training formats in leadership and communications. In 2019, Wolfgang founded Leybold Strategy Consultants to focus even more on his national and international activities as a lecturer.

He is an experienced trainer and coach with an enthusiastic entrepreneurial mindset and runs high impact workshops at several universities in Europe such as the University of Heidelberg, Marburg, Munich, Vienna, Dublin, and Southampton. He is particularly committed to helping Geography students fully leverage their studies as a catalyst for their career.

DEPARTMENTAL UPDATES

INTRODUCING NEW GIS HELP DESK STAFF SHANNON REULT | EARTH SYSTEM SCIENCE '20



"Hello! My name is Shannon Reult and I am a senior majoring in Earth System science and minoring in Geography. Next year I will be getting my Master's Degree at Clark in the Accelerated Degree Program in GIS. During the summer of 2019 I participated in the HERO program, through which I am conducting a satellite analysis of temperature and the urban heat island effect in gateway cities in Massachusetts. I am also conducting my honors thesis, which aims to predict future seasonal sea ice extents in the Bering Sea within the context of observed seasonal sea ice variation in the Barents Sea, utilizing raster data collected by the Clark Polar Science Research Lab. In the future I hope to use my GIS experience to continue researching vulnerable Earth systems, specifically boreal forests along the Arctic tree line. I am very excited to be working at the GIS Help Desk, and look forward to assisting other students with their GIS needs!"

JULIETTE GALE | GES & GEOGRAPHY '20



"Hi! My name is Juliette Gale and I am a senior majoring in Geography and Global Environmental Studies. This past summer I was in the HERO program with fellow Clark students where we researched tree health and tree stewardship in Pittsfield and Leominster Massachusetts. I am continuing this research for my honors thesis, looking at the relationship between tree health and self-reported stewardship practices on residential properties in Massachusetts Gateway Cities. Outside of academics, I'm on the Clark Women's Rowing team and enjoy spending my free time outside, camping and hiking. I'm very excited to work at the GIS Help Desk this year and help out other students. Please feel free to stop by and say hi!"

View our Fall 2019 GIS Help Desk Hours online at clarku.edu/departments/geography/people/gis-help-desk/

THE GRADUATE SCHOOL OF GEOGRAPHY WELCOMES DR. MATTHEW HANSEN AS WALLACE W. ATWOOD SPEAKER

On October 24th-25th, the GSG welcomed **Dr. Matthew Hansen** (University of Maryland) as the 2019 speaker for the annual Wallace W. Atwood Lecture. Dr. Hansen delivered a talk titled, "Monitoring Global Land Change Using Earth Observation Data", which prompted a lively discussion among the faculty and student attendees.



THE GRADUATE SCHOOL OF GEOGRAPHY INVITES YOU TO ATTEND
THE WALLACE W. ATWOOD LECTURE
Matthew Hansen

MONITORING GLOBAL LAND CHANGE USING EARTH OBSERVATION DATA



7 PM | THURSDAY | OCT. 24 | TILTON HALL

Dr. Matthew Hansen is a senior research scientist with research specializations in large-scale land cover and land use change mapping. His research is focused on developing improved algorithms that capture and describe changes which include the mapping of land cover change in regional, continental and global scales. Track maps

Dr. Hansen's talk abstract for Thursday's lecture read as follows: "From deforestation to urban expansion, human activities drive substantial land use change and intensification of current land use. Land use change results in loss of biodiversity, increased greenhouse gas emissions, alteration of hydrological systems, among other impacts. Rates of land use change

can be quantified using time-series earth observation data from satellites. A subset of satellite systems feature global acquisition strategies with no or low cost data access, and a consequent ability to monitor global land cover and land use extent and change. In terms of earth observation infrastructure, we are in a golden age of such satellite systems, including NASA/USGS Landsat satellites, the Sentinel series of the European Space Agency, and also commercial providers such as Planet. The integrated use of multi-source data dramatically improves monitoring capabilities, reducing the uncertainties around many important land dynamics, such as deforestation rates and crop area estimation. In this talk, a number of themes will be presented with a focus on our improving capabilities to accurately quantify global land change."

SPRING 2020 COLLOQUIUM SCHEDULE

The GSG is happy to share the Spring 2020 schedule for the Colloquium Speaker Series!

Thursday, February 13th, 2020

David Kaplan, Kent State (President of AAG)
12-1pm Grace Conference Room

Thursday, February 20th, 2020

Kevon Rhiney, Rutgers University
12-1 Grace Conference Room

Thursday, March 19th, 2020

James Wescoat, MIT
12-1 Lurie Conference Room

Thursday, April 16th, 2020

Temila Fatoyinbo, NASA Goddard Space Flight Center
12-1 Grace Conference Room

Email Beth (ENugent@clarku.edu) with any questions.



CHALLENGE CONVENTION. CHANGE OUR WORLD.

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