
geography

THE GRADUATE SCHOOL OF GEOGRAPHY AT CLARK UNIVERSITY



WHERE'S YOUR WORLD? | SPRING 2016



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University
Geography

NEWS HUB

Faculty and student
news updates provided
by the Clark News Hub



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GEOGRAPHY@CLARK

WELCOME

Greetings from Director
Tony Bebbington



"The old fogeys among us may recall the line from that Eagles classic, Hotel California: 'you can check out any time you like, but you can never leave.' Geography at Clark is a bit like that, as I discovered once again during my last twelve months of sabbatical research. It was not just that the Geography department was never far from my mind, but also that I kept meeting people who knew of us. Whether it was a Vice-President at the Ford Foundation telling me that Clark is a great university, activists in Southern Africa who knew research done by geographers at Clark, or Stanford faculty I met in Indonesia saying 'Clark has a really good geography department,' Clark Geography was always very close. Very impressive for such a small institution, and a reminder that we don't always appreciate quite what a reputation generations of Clark geographers have built up across the world and from which we all gain.



My sabbatical year was spent working on the [relationships between extractive industry, inclusive economic development, gender, racial and ethnic justice, and climate politics](#). Doing the research was an important reminder in these often dark days of just how many remarkable people there are out there. I had the privilege of talking with a filmmaker who had made a [documentary about the Marikana massacre in South Africa](#), public interest lawyers [representing the widows](#) of the murdered miners and [villagers affected by mine expansion](#), activists struggling to keep coal and oil in the ground in Indonesia and elsewhere, lawyers representing communities living next to [mind-bogglingly massive coal fields](#), Afro-Colombian leaders carving out a lifespace between the pressures of guerrilla armies and mining companies, professionals trying to build a more responsible mining industry and many others working in ways that put their livelihoods, and sometimes their lives, at risk. One might or might not agree with the strategies these people pursue, but I at least find it hard not to be humbled by the ways in which they have committed so much to what they believe in.

Clark Geography, academic research, and the university classroom can feel so very far away from these sorts of commitments. Students can get frustrated by how theoretical or detached classes can seem, faculty are too often criticized for being desk-bound and unrealistic. So it was good to be reminded now and again that people out there knew of us and were aware of our work. Indeed, the challenge is to avoid getting lost in the day-to-day challenges of university life and forgetting to tend to the links, however indirect, between our studies, our teaching, our research and the building of more humane and viable worlds."

— Tony Bebbington, GSG Director



REMINDERS

» EVENTS « »EMAIL LIST« » SUBMIT «

As we begin the Spring semester, we enter into a time of many events that may interest faculty, graduate students, and undergrads. See page 15 for dates to note.

Upcoming events:

- Colloquium Talks
- Undergraduate Opportunities
- Practicing Geography Week.. & more!

[Check out our event website for details.](#)

If you would like to receive email updates about events and other happenings within the Graduate School of Geography, contact geography@clarku.edu and we will direct your message to the appropriate staff member who can add you to the list. Announcements are frequently sent out about upcoming events, career and internship opportunities, and other important information.

Contact us today!

Travelling somewhere for research? Working on an interesting project around Worcester? Have a collection of recent photos of places you have visited? We are always looking for **new content for future newsletter issues**, and you might have what we are looking for! If you have information to share or know someone who is doing great work that should be recognized, email RLevitt@clarku.edu to see if your content can be featured in upcoming issues!



FACULTY NEWS

Recent Updates

Professor **James McCarthy** has been selected as the next Nature and Society editor of the Annals of the Association of American Geographers. His four-year term will begin on January 1, 2016.

Professor **James McCarthy** was recently presented as a featured expert in the article, 2015's Greenest Cities in America.

Professor **Dominik Kulakowski**, Director of Clark University's Forest Ecology Research Lab (FERL), is spending a sabbatical year as a Fellow at the Swiss Federal Institute for Forest, Snow and Landscape Research (WSL). During this time he is studying the ecology of European mountain forest ecosystems and also is leading an international collaboration with the aim of identifying key trends and drivers of envi-

ronmental changes in these ecosystems. See his beautiful **photo** below from his travels in Switzerland.

Professor **Jody Emel** recently wrote an op-ed piece for the Telegram, titled "As I See It: Meat is murder - on many levels". [Check it out at this link.](#)

GSG Videos

Professor **Karen Frey** worked with Chris Linder, a talented photographer/videographer, to produce the GSG's newest promo material: short videos highlighting our programs in Earth System Science and Geographic Information Science! These wonderful videos feature our own faculty and students, and can be viewed now on YouTube (links to follow).

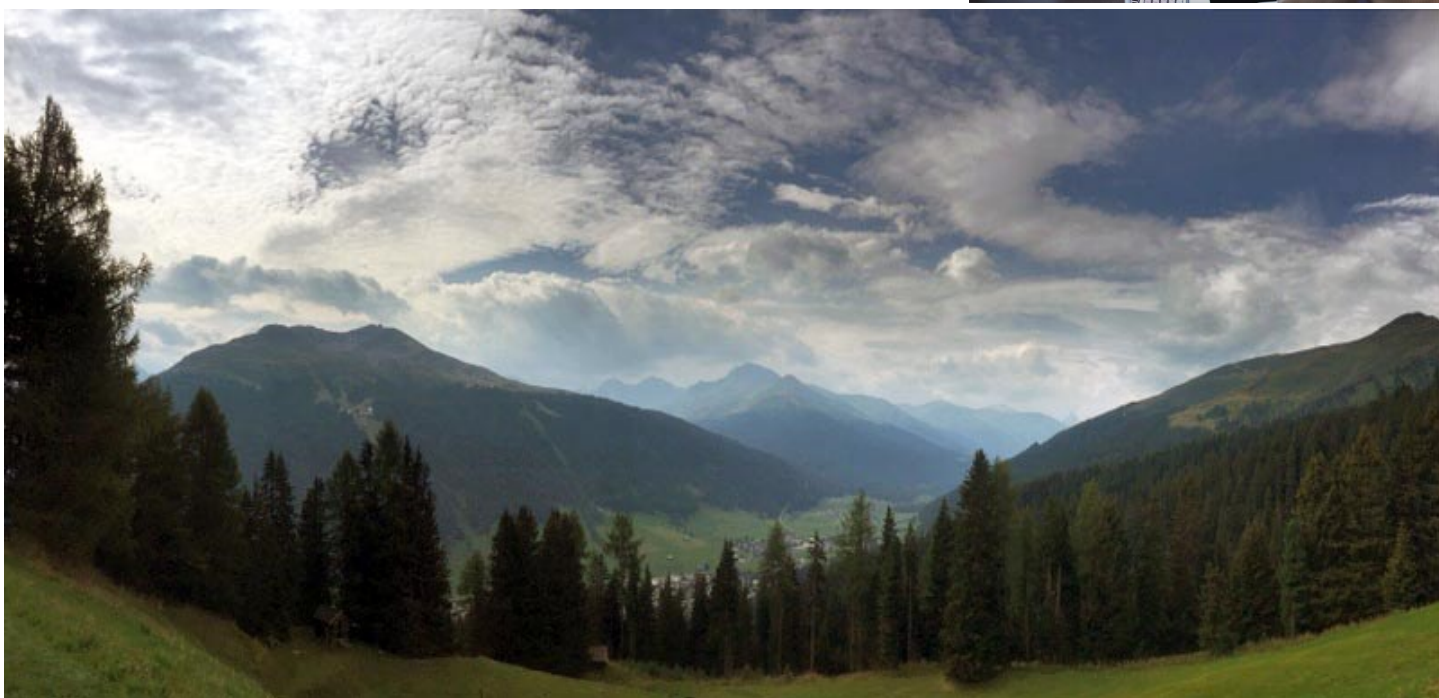
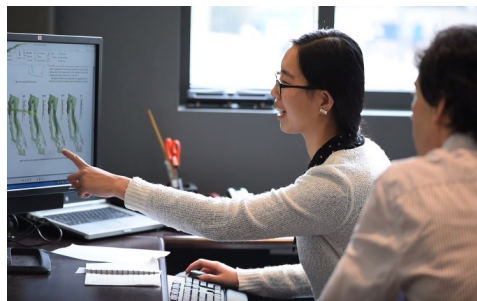


Earth System Science video

youtube.com/watch?v=2umQXWuIN9g&feature=youtu.be

GIS video

youtube.com/watch?v=kcyj81gsXeQc&feature=youtu.be



DOCTORAL STUDENT NEWS

Kristen Shake received a Geller Award for her project "(Un)frozen boundaries: Examining the role of sea ice in the socio-legal dynamics of the Bering Sea snow crab fishery". Sea ice is a dynamic element of the greater Arctic marine ecosystem. Its changing physicality impacts a variety of socio-cultural processes in ocean-space, such as the extraction of non-living resources, the vitality and propagation of those resources in the marine environment, maritime activity, subsistence hunting activities, and search and rescue operations (Druckenmiller et al., 2013; Lovecraft, 2013). Changes to the spatial extent of sea ice in the ocean-spaces of the greater Arctic region present challenges for international law (Baker and Mooney, 2012). To date, no internationally agreed upon legal regime for sea ice exists (Boyd 1984; Baker and Mooney, 2012). This is problematic in light of the impact sea ice has on the governing of marine spaces; even more so in the case of increasing seasonal sea ice in the Bering Sea. Here, the interconnectedness between climate change, spatial dimensions of shifting seasonal sea ice extent, and the laws that govern the marine spaces of this region require politic assessment. Recent increases in the seasonal spatial extent of sea ice in the southern Bering (Frey et al., 2015) could not only present a hazard to fishing vessels in the region, but could perhaps threaten the sustainability of a U.S. sovereign and economically viable marine fishery along the Bering Sea shelf. This project will investigate the linkages between dynamic sea ice, living marine resources, law and ocean territories of the Bering Sea. Kristen's co-Advisors are Karen Frey and Deb Martin.

Teresa Bornschlegl, Nathan Gill, and Leslie Gross Wyrzten received Fall Travel Awards from the Graduate Student Association.

Degrees Conferred, Dec. 2015

Doctoral

- Emily Gallagher
- Adrienne Johnson
- Taylor Shelton

MA en route to Ph.D.

- Elisa Arond
- Alida Cantor

New GSG T-Shirts!

CUGS is excited to announce that two t-shirt designs have been developed to represent the Graduate School of Geography. In collaboration with staff and members of the Clark Undergraduate Geography Association (CUGA), two designs have been created and will be available for purchase on t-shirts. Currently, orders are only open to faculty, students, and staff on-campus, but will hopefully be available for future orders to alumni and current students outside of Worcester. Details will be sent around once this process has been established.

If you would be interested in purchasing a t-shirt now or in the future, please email cugstshirts@gmail.com.

Orders for graduate students/faculty/staff who are currently on campus must be placed by **February 12th**.





GRADUATE STUDENT NEWS

5th Year MS-GIS Accelerated Degree Program

Fast Facts & Planning

Who is Eligible

Students majoring in the following programs can apply to the accelerated B.A./M.S. program in GIS:

- Geography
- Global Environmental Studies
- Earth System Science
- Economics
- Int. Development Social Change
- Enviro. Science & Policy
- Enviro. & Conservation Biology

Course Requirements

Students must meet all university requirements as well as complete the following by the end of their senior year:

- GEOG 190: Intro to GIS
- GEOG 293: Intro to Remote Sensing
- IDCE 388: Advanced Vector GIS
- GEOG 397: Advanced Raster GIS (note prerequisites)
- Honors Thesis (a two-semester commitment)

Applying & Advising

In accordance with these requirements, students who intend to apply to the ADP must do so by May 1st of their Junior year. Then by April 1 of the senior year, it is necessary to submit to the Geography B.A./M.S. Program Advisor, evidence (such as a current transcript) that all course requirements will be met, and an approved Master's

Thesis research plan. In their senior year, students must achieve at least 3.6 GPA to meet the final requirement to continue into the fifth year MS GIS.

Program Timeline

ADP students must complete 10 graduate course credits in all: two of which are taken during their **senior year** and two of which are completed during the **summer between their senior year at the 300 level and the ADP year**. Three of the 10 credits are devoted to the completion of a master's thesis. The recommended timeline students should adhere to is as follows:

Junior Year

- GEOG 190: Intro to GIS (or earlier in Sophomore year)
- GEOG 293: Intro to Remote Sensing

Senior Year

- GEOG 397: Advanced Raster GIS (note prerequisites)
- IDCE 388: Advanced Vector GIS

Summer Following Senior Year

- A one-credit internship in GIS

(This internship is focused on database development for the Master's Thesis. Typically, this course is completed off-campus and must be a **minimum of 20 hours per week**, paid or unpaid. It also requires frequent communication with the student's advisor. Details of the mechanism for this communication must be included in the project proposal)

- By August 1, a letter from the internship advisor must be sent

to the MS GIS program director showing that the student satisfactorily completed the internship in order to receive credit.

ADP Year

- Six graduate course credits (three per semester), of which one credit each semester will be devoted to the completion of the Master's thesis research project

In April each student will be required to give an oral presentation of the findings of the thesis research project. In addition, the student must submit to the M.S. thesis committee by the end of the spring semester, a master's thesis of publication quality certified by the student's committee.

Summer following ADP Year

A credit in Directed Study is required for the final summer and a defense of the master's thesis* by July 15 and a final PDF of the defended thesis submitted to the MS GIS program director by August 1 to meet the graduation requirement of August 30/31.

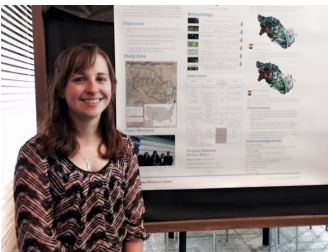
Please note that this information is to be used in coordination with the full program requirements and regulations online, in addition to guidance from your faculty advisor and thesis supervisor.

For more details, visit our website or contact [Brenda Nikas-Hayes](mailto:Brenda.Nikas-Hayes@clarku.edu), Graduate Program Administrator. clarku.edu/departments/geography/maprograms/index.cfm

UNDERGRADUATE NEWS

Fall Fest 2015

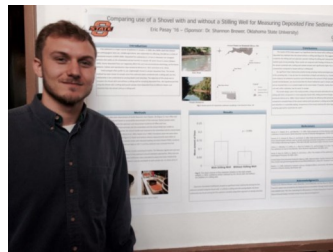
On **Wednesday, October 23rd**, students across campus gathered in the Goddard Library to present various research they have been working on over the summer and throughout previous academic semesters. Many students were there to represent our programs and display some of the extensive projects they have worked on, some in collaboration with faculty, graduate students, or fellow undergraduate researchers. Visit the Fall Fest website to see the 2015 online program for a full list of presenters and research titles: clarku.edu/research_asd_ff.cfm.



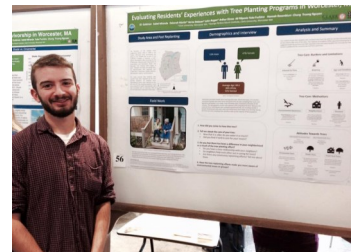
Amy Phillips (GEOG)



Alex Merriam (GEOG/UDSC)



Eric Pasay (ESS)



Eli Goldman (GES/HERO)

Fall Kick-Off



On **Monday, November 23rd** we held a mid-semester "Pumpkins in Peril" event for undergraduates as one last hurrah before the Thanksgiving break. With fresh cider donuts, coffee, music, and pumpkin rolling, students dropped by to enjoy a break at the end of a long day of midterms. A big thanks to CUGA for co-sponsoring this event, and thank you to everyone who attended! If you are interested in attending or helping out with CUGA/Geography events in the future, contact Hannah and Kim at clarkcuga@gmail.com for more information about the next meeting! Photo: Kim Johnson and Hannah Rosenblum (CUGA Co-Presidents) pose with Yuka Fuchino (GEOG '16) as she secures the School of Geography flag from being carried across campus by the wind.

Majors Fair

Every Fall semester, first and second year students make their way to Tilton Hall in the University Center for the annual Undergraduate Majors Fair, put on by the university. This year, on **Wednesday, October 14th**, the School of Geography filled two tables with promotional information for the Geography, Global Environmental Studies, Earth System Science, and Urban Development Social Change programs. Interested students were greeted by their peers and professors who volunteered their time to help represent our department. A big thanks to: Professor James McCarthy, Professor Deb Martin, Amy Phillips (GEOG), Hannah Rosenblum (GEOG), Katherine Landesman (GES), Tess Riechart (UDSC), and Ilanah Taves (GEOG/UDSC) for helping out! If you would like to volunteer to represent one of our programs, contact Rachel Levitt for more information and upcoming opportunities.



UNDERGRADUATE NEWS

New MOODLE Page for Undergraduate Majors, Minors & Concentrations

We have created a new Moodle page for undergraduate students in Geography, GES, ESS and UDSC where current students can find postings of all program opportunities and guidelines for these programs. All current students should have been enrolled in the "course" on Moodle called Undergraduate School of Geography, and will have access to this page until shortly after graduating. The following types of information will be on the Moodle page:

- About our Programs (requirements and links to program guides)
- Job, Internship, and Research Opportunities
- Conferences, Workshops and Seminars
- Scholarships & Award Opportunities
- Career Information & Resources
- Honors Program Information
- Upcoming events & important deadlines/dates, and more!



THIRD ANNUAL PRACTICING GEOGRAPHY WEEK FIELD TRIP TO
NEW YORK CITY
FRIDAY, APRIL 15 - SUNDAY, APRIL 17

FOR NEW MAJORS IN GEOGRAPHY
GLOBAL ENVIRONMENTAL STUDIES
& EARTH SYSTEM SCIENCE

Join us for a weekend of fun in NYC!
Meet students in your major, experience
Urban Geography and explore the city.
Walking tours led by Professor Mark Davidson.
Details and tentative itinerary to be released.

\$30
cash deposit required*
please contact Rachel Levitt
if you are interested in attending
email: rlevitt@clarku.edu
jefferson 220 b | 508.793.7282

*deposit covers the cost of a group dinner on the first evening,
transportation and accommodation costs are covered by the
School of Geography and the Peter J. Condakes fund.
poster design adapted from ivy tai design

NYC Field Trip for New Majors

Friday, April 15 - Sunday, April 17

Calling all NEW majors in Geography, GES and ESS: We will be holding our **third annual urban geography field trip to New York City** this spring as part of Practicing Geography Week! We will leave Clark on Fri. **April 15th** and return on Sun. **April 17th**. More information can be found on our website and Moodle page. If you would like to attend this trip, fill out an online application and return it to [Rachel Levitt](#) in the Main Geography Office (Jefferson 220) with a \$30 deposit (cash or check) to secure your spot. Spots on the trip will be filled on a first come, first serve basis, but preference will be given to students who have recently declared one of our majors. We hope you will join us!

Sample Itinerary:

(Activities are subject to change)

- Group dinner outing
- Lower Manhattan walking tour (Wall St., Zuccotti Park, World Trade Center, Tompkins Sq. Park, Greenwich Village, Times Square, and more)
- Central Park visit
- Williamsburg bridge walk

Students will have Friday & Saturday nights to themselves to explore or relax. **SIGN UP TODAY!**

ALUMNI NEWS

Doctoral Alumni

Wonderful work by alum **Prashant Kumar (B.A. '06, Geography & Economics)** "Forget Odd and Even, Delhi Needs a Total Disruption of its Transport Model. The present attempt to reduce the number of cars on the road is well-intentioned but misguided in the long-run unless there is the political will to adopt a wider set of restrictions." [Click here to see more.](#)

Two of our Ph.D. alumni, **Joni Seager (Ph.D. '88)** and **Margaret Pearce (Ph.D. '95)** are featured in the new Women in Cartography exhibit at the Boston Public Library. [Follow the link](#) to see their work, and much more.

Recent Doctoral graduate **Luke Trusel (Ph.D. Geography, 2014)** was featured in a press release concerning a new study that projects melting of Antarctic ice shelves will intensify. [Click here to see the full article on Clark's NewsHub](#) and [here to see the article from the Woods Hole Oceanographic Institution.](#) (Photo) Luke Trusel, postdoctoral scholar at Woods Hole Oceanographic Institution, stands near sea ice covered in melt ponds at McMurdo Station in Antarctica, in 2010. "Our results illustrate just how rapidly melting in Antarctica can intensify in a warming climate," said Luke Trusel... "This has already occurred in places like the Antarctic Peninsula where we've observed warming and abrupt ice shelf collapses in the last few decades. Our model projections show that similar levels of melt may occur across coastal Antarctica near the end of this century, raising concerns about future ice shelf stability."



Clark @ AAG 2016

Join us at the annual AAG (Association of American Geographers) conference this year in San Francisco! The conference will begin on **Tuesday, March 29th** and **come to an end on Friday, April 1st.**

Every year, many of our faculty and students travel to this national conference to collaborate and present on various research in the field of Geography. This year, we have over 13 faculty, 28 graduate students, and 8 undergraduate students from the department who plan to attend to present their work and/or participate in a session.

Can't make it to this year's conference? Stay up-to-date with AAG's mobile app! Check out photos and live updates by downloading the app linked at this website: aag.org/cs/annualmeeting/program. (App to be released in late Feb)

Careers of Recent Grads

Taylor Shelton (Ph.D. '15) — Post-doc in School of Public Policy at Georgia Tech beginning October 1, 2015.

Lucas Earl (MS-GIS '15) — Data Mapping Specialist at the Institute of Health Metrics and Evaluation, Seattle, WA

Emily Sturdivant (MS-GIS '14) — GIS Specialist, U.S. Geological Survey, Woods Hole

Matthew Manley (MS-GIS '14) — GIS Analyst at LandVest

Yelena Finegold (MS-GIS '14) — Food and Agriculture Organization of the United Nations, Italy

Kerry Burke (BA in Global Environmental Studies, '15) — Project Coordinator at Energy & Resource Solutions

Daryle Ward-Cherry (BA in Global Environmental Studies, '15) — Public Programs Associate at Urban Green Council

[Check our website to keep tabs on more of our alum!](#)

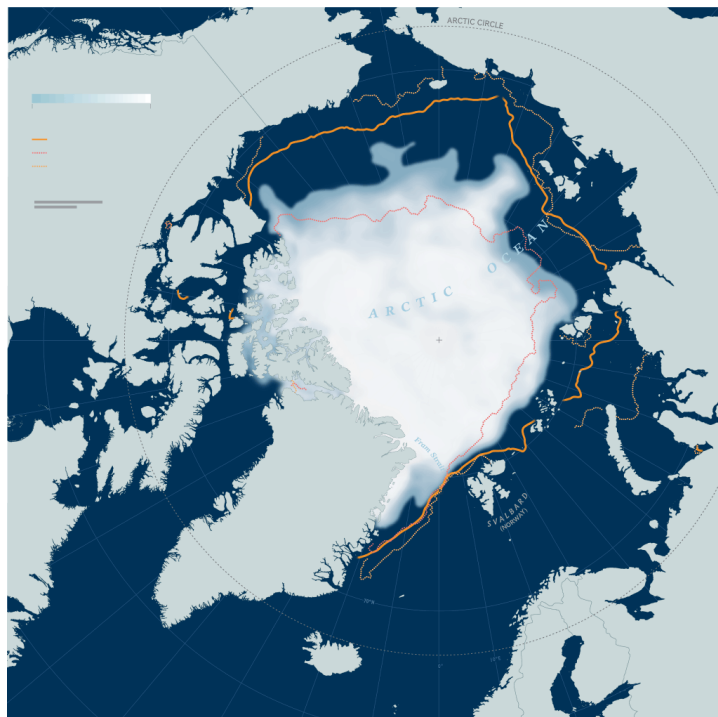
CAREERS IN GEOGRAPHY

Ryan Williams

M.Sc. GISDE, 2014

Ryan Williams graduated from Clark in 2014 with a M.Sc. in the GIS for Development and Environment (GISDE) program at Clark. Since graduation, Ryan has been working for National Geographic as a research editor. Thank you, Ryan, for sharing your experiences!

Right Image [National Geographic]: “Every winter almost the entire surface of the Arctic Ocean freezes over. The ice typically reaches its maximum extent in March, then starts to melt, receding to its minimum in September. But the melt season is now three weeks longer than it was just four decades ago. Less ice survives the summer to thicken the following winter. The summer ice is also less concentrated, with more open water between floes. Because open water absorbs more solar heat, more ice melts, creating a positive feedback that amplifies the Baffin warming and melting. The Arctic Bay will continue to freeze in winter—but it could be ice free in summer by 2040.”



[Image credit: National Geographic](#)



NATIONAL GEOGRAPHIC

About

“I am currently working as a **research editor for Graphics and Maps for National Geographic**. National Geographic Society was founded in 1888 with a mission to diffuse geographic knowledge and inspire people care about the planet. It might be best known for its yellow-framed magazine, which features

stories on geography, natural science, environmental and historical conservation, and archeology. As research editor I have two primary responsibilities. The first is editing the maps we publish. This includes maps we put out across all platforms including books, atlases, trail maps, web content, and the magazine. Every piece of information on our maps must have a verifiable source. You’d be surprised at how much we catch! The second part of my job is working as an in-house researcher for our graphic artists and cartographers. This means interviewing experts; seeking out, acquiring, and cleaning spatial and non-spatial datasets for visualization; and building comprehensive reports on a variety of topics, from the geography of karst formations in Southeast Asia to the evolution of animal eyes. I never know what I’ll be researching next!”

“Stay passionate and positive. It’s easy to get overwhelmed by negativity but there are so many more opportunities to improve the world around you. Most people have a bigger effect on the world than they realize.”

[continued on the next page]

CAREERS IN GEOGRAPHY

[continued from previous page]

Winter Ice: Younger, Thinner

Maps of the Arctic in March and charts of the ice's age show a 75 percent decline in the oldest, thickest ice—ice that has survived at least four summers and is into its fifth year or more. Most sea ice now freezes and melts in less than a year.

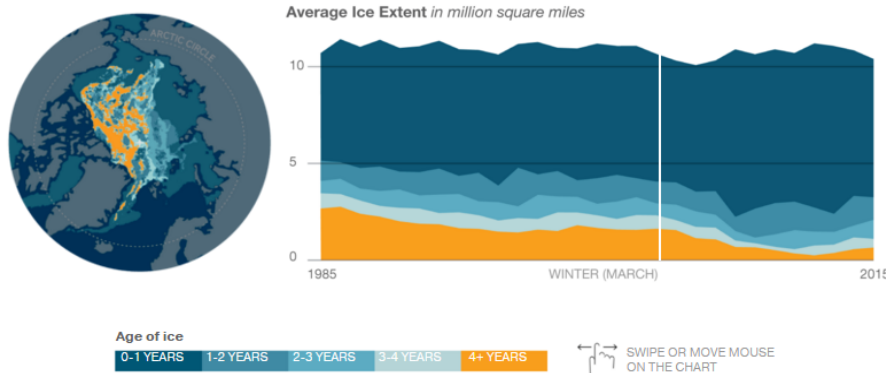


Image credit: National Geographic

Left Image [National Geographic]: "Maps of the Arctic in March and charts of the ice's age show a 75 percent decline in the oldest, thickest ice—ice that has survived at least four summers and is into its fifth year or more. Most sea ice now freezes and melts in less than a year."

Projects

"One of the most demanding projects I've worked on so far has been a magazine story on the decline of Arctic sea ice. It featured a controversial theory connecting the loss of Arctic sea ice and extreme weather affecting cities in the mid-latitudes. The theory made a lot of

waves in the scientific community so we had to make certain we were presenting the topic in a balanced light. As a topic, the Arctic is vast and complex so a lot of my time was spent speaking with experts, understanding the basic science, and deciphering which datasets were most important in telling the story, and working with that data to get it in a usable form for our cartographers and artists (and there are A LOT of datasets on the Arctic). There were so many data points and scientific opinions about the topic that picking out errors and misrepresentations was a constant battle. But eventually, we were able to put together something that we could be proud to publish. Working with talented people was definitely a big part of the project's success."

The Clark Experience

"Clark's coursework provided many opportunities to work in diverse teams on original research with real data. Not only did this give me practical skills to work comfortably with data in all its crazy formats, but it also enabled me to work empathetically, think critically, and have the confidence to make real decisions to move projects forward. The real world has no real structure, and Clark teaches you how to make organization out of chaos. It's been invaluable."

Advice for the Future

"If I had any advice to give it would be two things. First, be realistic. Do you know what you know? What you don't know? Learn about the field you want to pursue and where it's headed. Think strategically about your skills and where you can fit in. If you are unsure, talk to people that you trust and respect. The best thing you can do for yourself is to surround yourself with people that are smarter than you. Don't be afraid to reach out to people you admire. The second thing is to stay passionate and positive. It's easy to get overwhelmed by negativity but there are so many more opportunities to improve the world around you. Most people have a bigger effect on the world than they realize. You're smarter than you know."

A big thank you to Ryan Williams, M.Sc. GISDE '14, for sharing his experiences with us!

Ryan's work can be seen in more detail at the following link:

<http://ngm.nationalgeographic.com/2016/01/arctic-ice-shrinking-graphic-environment-text>

STUDENT TRAVEL

Winter Break in Rwanda

Laura Sauls & Bernadette Arakwiye | Photos submitted by Laura Sauls

Second Year Ph.D. student **Laura Sauls** shares some beautiful photos from her visit to Rwanda during the winter break! **(Top Row)** Meeting some primate friends while hiking through the [Volcanoes National Park](#).



(Second Row, L-R) (1) Visiting a beekeeping cooperative in Ruhango District (2) A quick stop by the [GIS & Remote Sensing Centre at the University of Rwanda](#) (3) Weaver bird nests in Akagera National Park
(Third Row) View from the campgrounds at Lake Ihema in Akagera National Park

STUDY ABROAD SPOTLIGHT

Will Heikes

GEOG/ECON '17 — Studied in the Netherlands, Fall 2015

"I am one of the co-presidents for the Clark Undergraduate Geography Association. I spent the fall 2015 semester studying abroad in the city of Maastricht, Netherlands. There I studied classes in fields such as Art History, and Economics as well as Geography, taking classes that focused upon European integration in the European Union, the different art movements of Northern Europe during the Renaissance, and the geography of the European debt crisis, but outside the classroom is where I think I learned the most.

Before I studied abroad, I had only left the United States twice, to Canada both times. In fact, before I went to Clark I had little knowledge outside the small Denver suburb I grew up in for seventeen years. I hadn't thought about the ways in which all the nations of the world could be different, so when I stepped off the plane in August, I was in for the adventure of the lifetime.

The first thing that I noticed right off the bat (being a geography major) were the differences in urban planning that existed in the Netherlands. Nearly every building had been built at least a century before. Someone I was studying with equated it to 'living in a postcard.' Growing up in Colorado, these century old building did not exist, and if demand for a new business existed, a new building would be built. In the Netherlands, an old row house could be turned into a restaurant, office or even a gym. Additionally, the nation which is famous for its bike riding culture did not disappoint. Bike lanes existed on every street, from the old cobblestone streets from the sixth century to highways, bike's dominated the streets. This allowed for downtowns to feature large outdoor shopping centers that were dominated by pedestrians, a far cry from the suburban shopping malls and the automobile dominated culture in the USA.



Photo: the Globe Museum in Vienna, Austria

I also began to notice different planning methods across the places where I travelled. I saw the ways in which the Soviets had influenced the architecture and development in countries like Slovakia and Hungary. I saw urban renewal processes in action in places like Portugal and Southern Italy. I saw the American influence in cities like Dublin. I saw the way the history, culture, and geography of a place influenced how the city looks today.

Living in Europe for a semester taught me that wherever you go in the world, things will be different, whether you notice them or not. The world doesn't all operate the way the United States does. Different methods work best for different places. There is no one size fits all. And that's something you can't read in a text book."

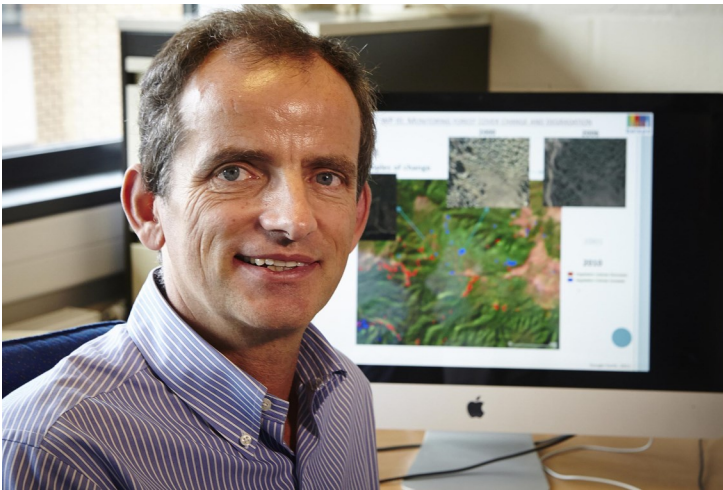
ATWOOD LECTURE

Dr. Eric Lambin

Thursday, October 15th, 2015 | 7PM Tilton Hall

"Land Use Change in the Globalization Era: Challenges and Opportunities"

NEWS HUB



On **Thursday, October 15th**, GSG was honored to welcome Dr. Eric Lambin as our Fall 2015 Wallace W. Atwood guest lecturer. Dr. Lambin boasts an impressive resume which is expressed in his bio below. He flew from the University of Louvain, Belgium to deliver a lecture at Clark and met with our faculty and students. During the evening of October 15th, Dr. Lambin delivered a talk entitled, "**Land use change in the globalization era: Challenges and opportunities.**" Dr. Lambin provided interesting insight and information on the topic which lead to constructive and thoughtful conversation between Lambin and GSG faculty and students. After his talk, and a brief Q & A, Dr. Lambin's visit was celebrated with a reception in Tilton Hall. Dr. Lambin and attendees were able to mingle and converse with live music, food,

and drinks. The next morning, on Friday, October 16th, Dr. Lambin continued to share his knowledge with faculty and graduate students during a morning seminar. This was an excellent opportunity for conversation with Eric to take place in a smaller setting, and the event enabled discussions regarding his research to occur on a deeper level. This year's Atwood was a happy success, and we thank Dr. Eric Lambin for taking the time to visit us!

"Dr. Eric Lambin divides his time between Stanford University, where he occupies the Ishiyama Professorship at the School of Earth, Energy & Environmental Sciences and Woods Institute for the Environment, and the University of Louvain, Belgium, where he is professor at the Earth and Life Institute. His research deals with human-environment interactions and land use change in different parts of the world, by combining remote sensing and socio-economic data. His current interests are focused on the impact of globalization on land use governance. He is Foreign Associate at the U.S. National Academy of Sciences and Fellow at the European and Belgian Academies of Sciences. In 2014, he was awarded the Volvo Environment Prize and was named amongst Thomson Reuters Highly Cited Researcher."

Abstract of Dr. Lambin's Talk: "A central challenge for sustainability is how to preserve forest ecosystems and their rich biodiversity while enhancing food production. This challenge for developing countries confronts the force of economic globalization, which seeks cropland and triggers deforestation. Land use changes are increasingly associated with commodities produced for global markets. Some of the final consumers of agricultural and wood commodities, the corporations involved in their transformation and retailing, and civil society show a growing concern for sustainability. These actors are starting to express a preference for goods whose supply chain has been certified as meeting sustainability criteria. These private actors have designed new non-state market driven governance mechanisms aimed at influencing land use through global markets. Recent evidence on the effectiveness of these private land use regulations suggests some potentially positive direct and indirect beneficial impacts. Interactions between private and public environmental regulations need to be better understood."

Didn't make it to the event? Check out the recording: livestream.com/clarkuniversity/2015WallaceWAtwoodLectureEricLambin

UPDATES & EVENTS

Dates to Remember

February 04

Colloquium Nadine Schuurman
Simon Fraser University

February 11

Colloquium: Norma Rantisi
Concordia University

February 15

Lois & Robert Green
Applications Due
Condakes Applications Due

February 25

Colloquium: Frank Magilligan
Dartmouth College

March 17

Colloquium: Tim Cresswell
Northeastern University

March 24

Colloquium: Andy Rosenberg*
Union of Concerned Scientists

March 28 - April 02

AAG Conference, San Francisco

April 11 - 17

Practicing Geography Week

April 15 - 17

New York City urban
geography trip for new majors

April 14

Colloquium: Maggie Holland
University of Maryland, BC

May 02

Last day of classes

May 10

Last day of final exams

May 22

Commencement

May 23

HERO Summer Program begins

Be sure to check our [Events website](#) for announcements of events throughout the academic year! All colloquium talks will be held in Jefferson 218 from **12:00-1:15PM** unless otherwise noted. *The **March 24** talk is co-sponsored by the Marsh Institute and will take place at 12:15 PM in Lurie Conference Room in the UC

GIS Help Desk

Having trouble with GIS? Can't make it to visit your professor or TA for office hours? Stop by our GIS Help Desk in the Geography Main Office (Jefferson 220)! Spring 2016 Hours are as follows:

MONDAYS

9:00 AM - 12:00 PM

TUESDAYS

11:00 AM - 1:00 PM

THURSDAYS

9:00 AM - 12:00 PM

Help Desk hours follow a University schedule. If the University is closed (or if the Geography office is closed), the GIS Help Desk will be unavailable. Hours may be limited or extended during midterms/final exams. Any changes will be announced or posted on the Clark University Geography Facebook page. Appointments operate on a first-come, first-serve drop-in basis unless otherwise scheduled.

SPRING 2016 HOURS

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Meet our 2015-16 GIS Support Assistant, Amy Phillips! Amy is a senior majoring in Geography with a focus in Geographic Information Science. She is interested in remote sensing as a tool for environmental monitoring and sustainable practices. Amy participated in the Human Environment Regional Observatory (HERO) fellowship during the summer of 2014 and spent this past summer in Hampton, Virginia participating in the NASA DEVELOP national program. Amy has been on the e-board of the Clark Undergraduate Geography Association for the past year, and will continue this role in 2015-16 while also staffing our GIS Help Desk!

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508.793.7336 | GEOGWORKSTUDY@CLARKU.EDU

UPDATES & EVENTS

HERO Program

Summer Undergraduate Research Fellowship


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

This summer, research will focus on tree survivor-ship, tree inventory and mapping. This research will also be mixed with surveys and interviews, and dynamics of the tree planting programs and stewardship. The particular focus of summer 2016 will depend in part on the students selected, but will definitely include tree surveying and GIS/RS analysis, and may include social research such as interviews or focus groups, and qualitative data analysis, pending need and group interest.

2016 Program Dates: May 23 - July 15

Want to learn more? Visit us online at clarku.edu/departments/hero to see details from past research curricula and experiences from former and current HERO fellows. Applications can be downloaded from the website or picked up from the Geography Main Office (Jefferson 220) and submitted to heroadmissions@clarku.edu. Contact HERO Program Administrator [Rachel Levitt](#) if you have any questions or concerns about the application. **All application materials must be turned in by February 15th at 5pm.**




**HUMAN
ENVIRONMENT
REGIONAL
OBSERVATORY**
SUMMER 2016
Research Experience for Undergraduates



Work-Study Office Assistant

Meet our newest member, Lauren HOLEMEN!

Lauren is a first year Psychology major from Chicago, Illinois. She is excited to work for the Geography Department during her time at Clark. As a student here, Lauren is in the AKOG mentoring program and Beekeeping and Conservation Club. Her interests include painting, drawing, studying foreign languages, and travelling abroad.

View the rest of our fabulous office team in the Fall 2015 issue of Geography News, linked here:
clarku.edu/departments/geography/pdfs/Newsletters/GeographyNewsFall2015.pdf

CONTACT US

Graduate School of Geography

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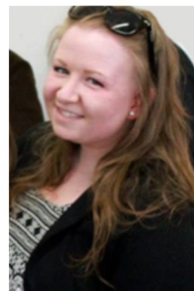
Geography Staff



Chris Creelman
Dept. Administrator



Brenda Nikas-Hayes
Grad. Program Administrator



Rachel Levitt
Undergrad. Program Coordinator



Kayla Peterson
Office Coordinator

CLARK UNIVERSITY



Graduate School of Geography
Geography News | Spring 2016
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Questions, comments or suggestions?
Email Newsletter Editor Rachel Levitt
RLevitt@clarku.edu

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