

MUGS

2016

Midwest Undergraduate Geography Symposium

SATURDAY
APRIL

23

8:45 A.M. – 4:00 P.M

John B. Davis Lecture Hall
Macalester College
Saint Paul, Minnesota USA

Keynote Address by:

Caroline Faria

Assistant Professor

*Department of Geography & the Environment
The University of Texas at Austin*

Hosted by the

Macalester Geography Department

www.macalester.edu/academics/geography/studentopportunities/mugs2016/

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MIDWEST UNDERGRADUATE GEOGRAPHY SYMPOSIUM

Welcome to Saint Paul and Macalester College!

The Department of Geography and the Epsilon Kappa Chapter of the Gamma Theta Upsilon (GTU) Honor Society are pleased to welcome you to Saint Paul and Macalester College. This 11th annual conference of the Midwestern Undergraduate Geography Symposium showcases applied and scholarly research of young geographers from a number of institutions in the Midwest. The conference represents the work of 78 students (over 100 will be attending) from 4 different schools and covers several of geography's sub-disciplines. This conference serves a number of purposes. It is a place to share research and ideas. It is an event to recognize individual achievement and explore personal and disciplinary frontiers. It is an opportunity to meet and learn from others. The conference offers a full day of events and is punctuated by a keynote address from distinguished geographer, Professor Caroline Faria (University of Texas at Austin). We hope that you find this conference professionally stimulating and that you enjoy your time in Saint Paul.

Bill Moseley, *Professor, Macalester College*

CONFERENCE FACULTY ADVISOR

MACALESTER



CONFERENCE PLANNING & ORGANIZING COMMITTEE



Rachel Fehr '16, *GTU Epsilon Kappa Chapter Co-President*

CONFERENCE STUDENT COORDINATOR

Rachel is a senior from Iowa City, Iowa. She is a geography and economics double major, and has a concentration in African Studies. Next year she will be moving to Denver, Colorado to work at a litigation consulting firm, and in the long term she hopes to study public policy with a focus on crime and policing strategies. Rachel is excited to welcome all of you to Macalester College and to MUGS!



Joe Klein '16, *GTU Epsilon Kappa Chapter Co-President*

CONFERENCE STUDENT COORDINATOR

Joe is a senior at Macalester College studying Geography and Urban Studies. He originally hails from St. Louis, Missouri, but has grown to love the Twin Cities and call them home. Joe's interests are in urban geography -- specifically geographies of housing and transportation -- and urban equity and sustainability. At Macalester, Joe participates in GTU, worked as a teaching assistant, and edited Macalester's newspaper. He will work in transportation planning after graduation and eventually hopes to attend graduate school in urban planning or public policy.

SCHEDULE-AT-A-GLANCE

8:40 AM - 9:00 AM
Check-in & Morning Refreshments

9:00 AM – 10:20 AM
Paper Session I

10:30 AM – 11:40 AM
Keynote Address

12:00 PM – 12:30 PM
Boxed Lunch

12:30 PM – 1:00 PM
Poster Session - Q & A

1:15 PM – 2:35 PM
Paper Session II

2:45 PM – 4:05 PM
Paper Session III

CONFERENCE FACILITIES

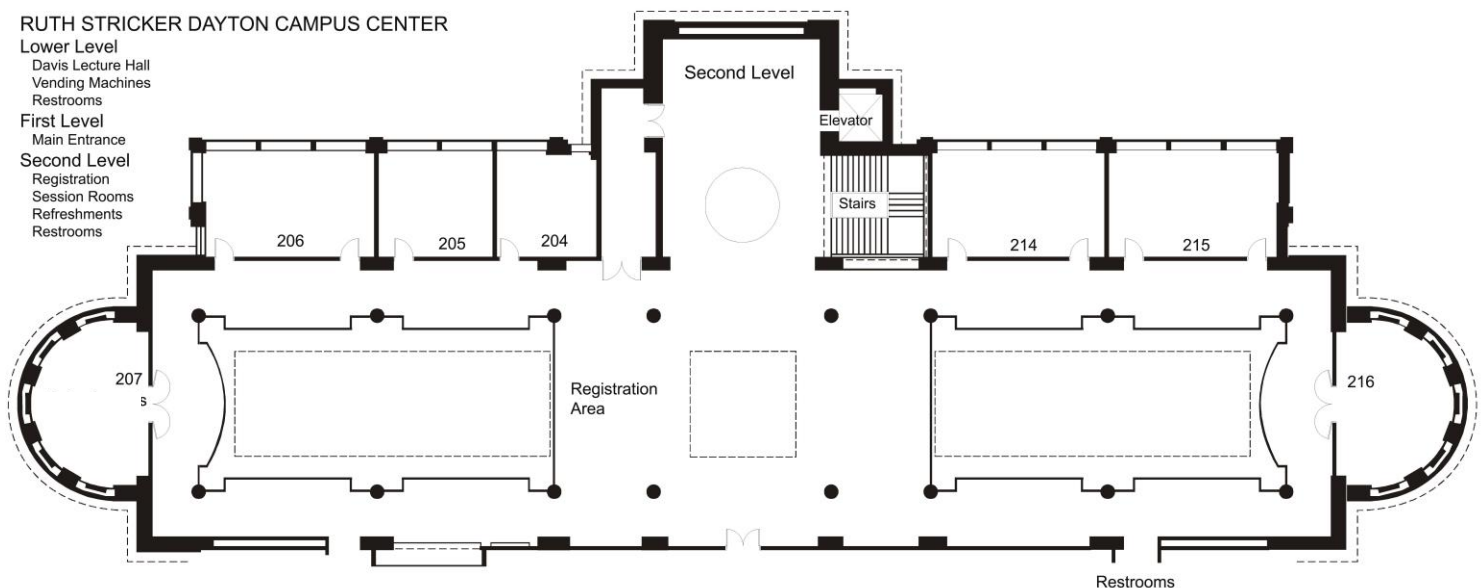
Check-in & Refreshments – Campus Center (CC) - 2nd Floor
Session Rooms – CC 206, 214, 215 & Davis Lecture Hall
Keynote – Davis Lecture Hall - CC Lower Level
Lunch & Poster Session – Smail Gallery - Olin Hall
Restrooms – CC Lower Level and 2nd Floor

RUTH STRICKER DAYTON CAMPUS CENTER

Lower Level
Davis Lecture Hall
Vending Machines
Restrooms

First Level
Main Entrance

Second Level
Registration
Session Rooms
Refreshments
Restrooms



MIDWEST UNDERGRADUATE GEOGRAPHY SYMPOSIUM

Session Abstracts:

<http://www.macalester.edu/academics/geography/studentopportunities/mugs/2016abstracts>

8:40 AM – 9:00 AM **CHECK-IN AND REFRESHMENTS** **CC 2nd Floor Atrium**

9:00 AM – 10:20 AM **PAPER SESSION I**

Session 1a GEOGRAPHIES OF MIGRATION 1

CC 206

Session Moderator: Holly R. Barcus, *Macalester College*

9:00am - 9:20 am // Gage Garretson, Macalester College, *Migration, Asylum, and Identity: Gender and Sexual Minority Refugees in the Mediterranean Refugee Crisis*

9:20am - 9:40am // Elizabeth Isaac-Herzog, Macalester College, *The State of the (Jewish) State: Migration to Israel and Reinforcement of the Jewish-Israeli Narrative*

9:40am - 10:00am // Ben Kaufman, Macalester College, *Interstate Student Migration: Factors that Impact the Decision to Attend College Out of State*

10:00am - 10:20 am // Jesse Meisenhelter, Macalester College, *Mitigating climate-induced migration: sustainable development as a security approach in Morocco.*

Session 1b GEOGRAPHIES OF TRANSPORTATION 1

CC 214

Session Moderator: Laura Smith, *Macalester College*

9:00 - 9:20am // Gordon Moore, Macalester College, *From Jaywalking to Walkability: The Evolution of Pedestrians' Rights and Rhetoric*

9:20 - 9:40am // Joseph Klein, Macalester College, *The Role of NIMBY in Community Resistance to Interstate 35E Construction in St. Paul, Minnesota*

9:40 - 10:00am // Talia Moorman, Gustavus Adolphus College, *Streetcar to Lightrail: Public Transit and Segregation in the Twin Cities*

10:00 - 10:20am // Shruthi Kamisetty, Macalester College, *Healthy Cities mean Healthy People: Assessing the Need for and Health Impacts of Transport by Urban Biking and Walking*

Session 1c BUFFALO AND THE PLAINS 1

CC 215

Session Moderator: Kelsey McDonald, *Macalester College*

9:00 - 9:20am // John Mayer, University of St. Thomas, *Utilizing a Buffalo Commons to promote short- and long-term economic growth in the Plains*

9:20 - 9:40am // Giovanni Moreno-Hernandez, University of St. Thomas, *Rewilding land for bison in the United States*

9:40 - 10:00am // Jacob Pauna, University of St. Thomas, *How viable is habitat restoration in the Great Plains?*

10:00 - 10:20am // Murphy Sinsky, University of St. Thomas, *How Fracking has changed the Buffalo Commons landscape*

10:30 PM – 11:40 PM

KEYNOTE ADDRESS Davis Lecture Hall /CC – Lower Level



Caroline Faria

Professor

Department of Geography & the Environment
University of Texas at Austin

**"Showcasing African brides and undergraduate research:
A study of the wedding industry in Kampala, Uganda."**

12:00 PM – 12:30 PM

LUNCH

Smail Gallery – Olin Hall

12:30 PM – 1:00 PM

POSTER SESSION

Smail Gallery – Olin Hall

Poster presenters will be available to answer questions from 12:30 PM – 1:00 PM.

Jenna Abrahamson, Elliott Allen, and Darian Zimmerman, University of St. Thomas, *Nature's Strongholds: Conservation in the Face of Climate Change*

Sophia Ali, Macalester College, *WASH Coverages and the Spatial Epidemiology of Active Trachoma in Ethiopia*

Silas Cleveland and Jacob Wright, University of St. Thomas, *A Guide to Understanding Minnesota's Community Solar Garden Legislation*

Hannah Currens, Macalester College, *The Politics Behind STIs: Matching the Presence of Federally-Funded Family Planning Programs to STI Clusters in the United States*

Xing Gao, Macalester College, *Understanding how Distance to Facility and Quality of Care Affect Maternal Service Utilization in Kenya and Haiti: A Comparative GIS Study*

Samia Habli, Macalester College, *Transportation and Food Accessibility in the Twin Cities, Minnesota*

Katie Jurenka, Macalester College, *Suburban Rail Transit and Land Use: A Spatiotemporal Study of Violent Crime in Bloomington, MN*

McKenzie Maidl, Macalester College, *Spatial Relationships Between Asthma Prevalence, Air Pollution, and Socioeconomic Status in Los Angeles County, California*

Eleanor McGrath, Macalester College, *Spatial Correlation between HIV and Income Inequality in Washington, DC*

Sanober Mirza, University of Wisconsin-Madison, *Influences on Carbon Dynamics and Variation in Tropical Soils*

Rose Misey, University of St. Thomas, *Exploring National and Local Relationships between Obesity and Education*

Julia Morgan, Macalester College, *Holes in the Hospice Care Movement: Analyzing Access to Hospice Care Facilities in Washington*

Asia Sageman, Macalester College, *The Relationship of Toxic Release Inventory Sites and Prostate Cancer Rates in Michigan Counties (2008-2012)*

Chloe Shoemaker, Macalester College, *Attempting to utilize Late Stage Breast Cancer and Medicare to Determine Geographic Health Disparities*

Millie Varley, Macalester College, *Clean Cars and Healthy Humans: The Effects of PM_{2.5} on Health in California*

Session 2a ENVIRONMENTAL GEOGRAPHY AND ALTERNATIVE ENERGY**CC 206**Session Moderator: David Kelley, *University of St. Thomas*

- 1:15 - 1:35pm // Jenna Abrahamson, Elliott Allen, Jesse Sabota, and Darian Zimmerman, University of St. Thomas, *Assessing potential impacts of energy sprawl on Minnesota landscapes due to ethanol*
- 1:35 - 1:55 pm // Kenzi Coborn, Autumn Reynolds-Lillibridge, Nicholas Villwock, Jake Wood, and Katelyn Zelenka, University of St. Thomas, *Bioenergy and prairie restoration on Minnesota landscapes: a thought experiment*
- 1:55 - 2:15 pm // Courtney Eickhoff, Chad Helland, Peter Holmes, and Jacob Pauna, University of St. Thomas, *Analysis of hybrid energy landscapes: combining solar pollinating gardens in Minnesota*
- 2:15-2:35 pm // Jack Kellner, Sophie Van Pelt, Aaron Sather, Marianne Sciamanda, and Claire Spangenberg, University of St. Thomas, *Minimizing sprawl, maximizing generation: Minnesota's wind energy futures*

Session 2b GEOGRAPHIES OF TRANSPORTATION 2**CC 214**Session Moderator: Claude Péloquin, *Macalester College*

- 1:15 - 1:35pm // Rachel Auerbach, Macalester College, *Mobilizing the Highly Mobile: Examining the Role of Public Transportation in the Lives of Individuals Experiencing Homelessness*
- 1:35 - 1:55 pm // Hannah Bonestroo, Macalester College, *The Modern Streetcar: Trolley or Folly?*
- 1:55 - 2:15 pm // Martine Cartier, Macalester College, *Lima's Transit Reform: Balancing City Health and Informal Livelihoods*
- 2:15 - 2:35 pm // Alex Edelmann, Macalester College, *Alleys: An Unrealized Resource*

Session 2c BUFFALO AND THE PLAINS 2**CC 215**Session Moderator: Jeff La Frenierre, *Gustavus Adolphus College*

- 1:15 - 1:35pm // Christopher Morgan, University of Wisconsin-Madison, *Do Seed Traits Mediate Plant Community Changes in Wisconsin's Unburned Prairies?*
- 1:35 - 1:55 pm // Emily Carroll, University of St. Thomas, *Adolescence, Rehabilitation and the Buffalo Commons*
- 1:55 - 2:15 pm // Nathaniel Bettin, University of St. Thomas, *Modeling Landscape Suitability and Connectivity to Promote Bison Conversation on Native American Tribal Lands*
- 2:15-2:35 pm // Michael Hermann, University of St. Thomas, *Federal lands, conservation effectiveness and economic viability in the Great Plains*

Session 2d GEOGRAPHIES OF MIGRATION 2**Davis Lecture Hall /CC – Lower Level**Session Moderator: Holly R. Barcus, *Macalester College*

- 1:15 - 1:35pm // Wynonna Ardiansyah, Macalester College, *Leisurely Getaways or Political Statements? The Transformation of Urban Landscapes of Power by Foreign Migrant Workers in Southeast Asian and East Asian Weekend Enclaves*
- 1:35 - 1:55 pm // Delia Walker-Jones, Macalester College, *Transnational Identity of the Iranian Diaspora in the Twin Cities through Ethnic Markets*
- 1:55 - 2:15 pm // Katelyn Kack, Macalester College, *From Seasonal Migration to the Individual: Investigating the Decision of Purchasing a Seasonal Lake Home*
- 2:15 - 2:35 pm // Katherine Brown, Macalester College, *Relearning Womanhood: A Gendered Analysis of German-Turkish Return Migrants in Istanbul*

2:45 PM – 4:05 PM

PAPER SESSION III

Session 3a GEOGRAPHIES OF MIGRATION 3

CC 206

Session Moderator: Holly R. Barcus, *Macalester College*

- 2:45 - 3:05pm // Katherine Fadelli, Katya Mullendore, and Breana Nehls, University of Wisconsin-Madison, *Return to the Walking City: Consumer Experience and the History of Transportation and Business on State Street in Madison, Wisconsin*
- 3:05 - 3:25pm // Elliot Mohler and Cameron Reischauer, Gustavus Adolphus College, *Cities for Whom? A Community-Based Learning Project in North Mankato*
- 3:25 - 3:45pm // Claire Hofius, Macalester College, *Environmental Risk, Health and Residential Mobility: A Neighborhood-Scale Assessment*
- 3:45 - 4:05pm // Kate Hayes, University of Wisconsin-Madison, *A 12,000 record of the fire regime of Bonnet Lake, Ohio*

Session 3b BUFFALO AND THE PLAINS 3

CC 214

Session Moderator: Paul Lorah, *University of St. Thomas*

- 2:45 - 3:05pm // Anthony King-Foreman, University of St. Thomas, *Rewilding buffalo highways through the Great Plains*
- 3:05 - 3:25pm // Gregory Kruger, University of St. Thomas, *Where is the most economically viable location for rewilding bison habitat in the Great Plains?*
- 3:25 - 3:45pm // Karen Lally, University of St. Thomas, *Promoting Conservation: the InterTribal Bison Cooperative, Restoration and Development*
- 3:45 - 4:05pm // Benjamin John, University of St. Thomas, *Rediscovering and refining the Popper's Buffalo Commons proposal*
- 4:05 - 4:25pm // Caitlin Woodard, University of St. Thomas, *Where the Buffalo Roamed: Using historical relationships to foresee the effect of the Buffalo Commons on Native American Populations*

Session 3c URBAN GEOGRAPHIES

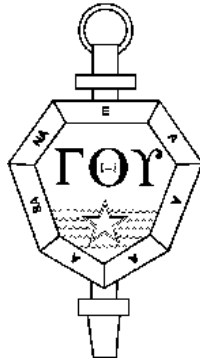
CC 215

Session Moderator: I-Chun Catherine Chang, *Macalester College*

- 2:45 - 3:05pm // Thao Hoang, Vergianti Agustini, and Lynda Chao, Macalester College, *Nike Shoes: Global Commodity Chains and Their Implications in Asia*
- 3:05 - 3:25pm // Dakota Baker, Andra Boca, and Alex Gutfleish, Macalester College, *Uneven Development and Spatial Segregation in Jakarta, Indonesia*
- 3:25 - 3:45pm // Alex Abramson, Macalester College, *The Perception of Greenery in a Time of Water Scarcity*
- 3:45 - 4:05 pm // Hannah Shumway and Angelina Malagodi, Macalester College, *Nairobi: Geography of the City Under the Sun*

ACKNOWLEDGEMENTS

A special note of thanks to the Geography Department at the University of St. Thomas for co-sponsoring the keynote speaker. Professor Faria's visit was made possible through the Visiting Geographical Scientist Program (VGSP).



Funded by Gamma Theta Upsilon (GTU), the International Geographical Honor Society, and managed by the AAG, the VGSP sponsors visits by prominent geographers to colleges and universities across the country. Its purpose is to stimulate interest in geography, especially in small departments that do not have the resources to bring in well-known speakers. Participating institutions select and make arrangements with the visiting geographer. The VGSP covers travel costs and provides a small honorarium; host institutions provide meals and housing.

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