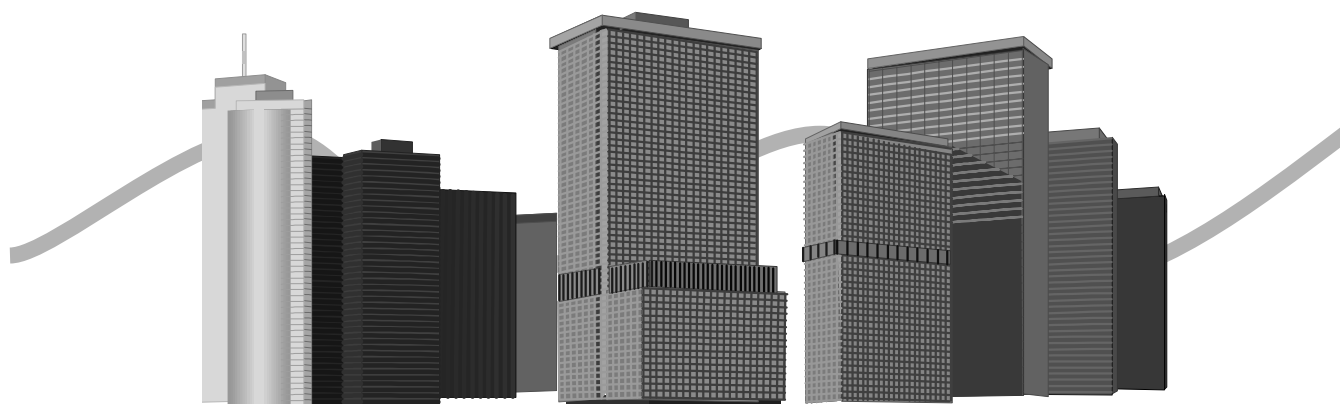


ACTC

Associated Colleges of the Twin Cities



Augsburg College · Hamline University · Macalester College · St. Catherine University · University of St. Thomas



Undergraduate Research Symposium 2012: Sustainable Urban Communities, Redux

Thursday, March 8, 2012

1:00-6:00 PM

St. Catherine University

Coeur de Catherine

ACTC Undergraduate Research Symposium 2012



Schedule of Events

12:30-1:00	Check-in	<i>Third Floor Atrium</i>
1:00-1:20	Welcome Dr. Carole Chabries, ACTC Executive Director Dr. Colleen Hegranes, St. Kate's Senior Vice President for Academic Affairs	<i>Rauenhorst Hall (Third Floor Ballroom)</i>
1:30-2:30	Session I (2 panels)	<i>various</i>
2:45-3:45	Session II (3 panels)	<i>various</i>
4:00-5:00	Session III (3 panels)	<i>various</i>
5:00-6:00	Reception & Sustainability Fair Presenters, moderators, and guests are invited to join us for an <i>hors d'oeuvre</i> reception and sustainability fair featuring local foods and local sustainability organizations.	<i>Rauenhorst Hall (Third Floor Ballroom)</i>

Sustainability Fair

More than a dozen local organizations will join Symposium attendees during the closing reception to discuss sustainability work in the Twin Cities and beyond. Attendees include local government and municipal initiatives, nonprofit and community organizations, local businesses, and university groups and offices.

Please see the Sustainability Fair handout in your conference packet for more information.

Refreshments

Light refreshments, including Peace Coffee, will be provided in each of the breakout session rooms. Please help yourself, and join us for local and sustainable foods at the closing reception.

Sustainable Urban Communities, Redux



For the ACTC, urban sustainability encompasses the environmental, cultural, social, political, intellectual, and creative resources, developments, and activities that create strong communities in the Twin Cities metro area.

The Undergraduate Research Symposium highlights the ways ACTC students contribute to the vibrant Twin Cities community through direct study, applied research, and community involvement.

Literacy for Learning Urban Communities

room 361

Moderator: Dr. Kristin Farrell, Augsburg College

Mallory Carstens
Sally Fifield
Celia Hernandez-Payan
Katia Iverson

Augsburg College
Augsburg College
Augsburg College
Augsburg College

Social Sway I: Influencing Individuals' Actions

room 362

Moderator: Dr. Elise Amel, University of St. Thomas

Energy Savings of Retrofitted Student Houses
Ben Francis

Macalester College

*Implementing Small-Scale Energy Savings:
A Case Study in Two Restaurant Settings*

Emma Anderson
Adam Bunkoske
Margaret Jaehne
Tulsi Menon
Alice Ware

Macalester College
Macalester College
University of St. Thomas
Macalester College
Macalester College

*What Factors Influence a Household's Decision to Purchase
Energy-Efficient Appliances?*

Rosamond Mate

Macalester College

1:30-2:30

Session I

ACTC Undergraduate Research Symposium 2012



Session II

2:45-3:45

Civic Engagement as Action Research: Building Sustainable Communities

room 361

Moderator: Dr. Kristin Farrell, Augsburg College

Andrea Batt	Augsburg College
Alisha Esselstein	Augsburg College
Quintin Joseph	Augsburg College
Gavin Prouty	Augsburg College
Rachel Shaheen	Augsburg College

Designing Urban Lives

room 362

Moderator: Dr. Paul Lorah, University of St. Thomas

<i>Burdens for the Broke: A Case Study on Environmental Racism in Minneapolis, Minnesota</i>	
Emily Nichols	Augsburg College

<i>Comprehensive Metropolitan Reform: The Application of Urban Regime Theory</i>	
Richard Dornfeld	Hamline University

<i>Healthcare Accessibility in the Twin Cities Metropolitan Area Among Community</i>	
Chia Lee	University of St. Thomas

Social Sway II: Changing Behavior within a Community

room 370

Moderator: Christie Manning, Macalester College

<i>Recycling Program Implementation</i>	
McKenna Bernard	Macalester College
Nadia Foo Kune	Macalester College
Paul Rebman	Macalester College

<i>Reducing Energy Use at CVI</i>	
Erin Daly	Macalester College

<i>Reducing Food Waste: Clean Plate Days at Macalester College</i>	
Maria Langholz	Macalester College
Karen Weldon	Macalester College

Sustainable Urban Communities, Redux



Degrees of Impact:

Local Change in a Global World

room 361

Moderator: Dr. Anupama Pasricha, St. Catherine University

Conservation Psychology in Germany

Bridgette Kelly

University of St. Thomas

Impact Change on a Global Level

Latifah Kiribedda

St. Catherine University

Faye Larson

St. Catherine University

with **Lynn Schleeter**, Director of the Center for Sales

Innovation at St. Catherine University

with **Nancy Wagner**, Director of Development

Programs at Compatible Technology International

Organic Cotton Apparel:

Flourishing or Lacking within the Apparel Industry

Madeline Hokkanen

St. Catherine University

Natalie Stangler

St. Catherine University

with **Dr. Anupama Pasricha**, Assistant Professor

Learning in the Cities

room 362

Moderator: Dr. Letitia Basford, Hamline University

HIV/AIDS, Nutrition, and Community:

An Engagement Experience for Incoming College Students

Evelyn Balsells

Macalester College

Maria Rothenberg

Macalester College

Karen Refugee Students' Academic and Social

Experiences in Twin Cities K-12 Schools

Margaret Crenshaw

Hamline University

A Qualitative Analysis of Teachers' Perception towards Hmong

American Students' Academic Achievement in Minnesota

Mai-Eng Lee

University of St. Thomas

Urban Edibles:

Connecting Food and Place

room 370

Moderator: Dr. Joshua Haringa, St. Catherine University

Hmong American Food and Health Knowledge in Minnesota

Panyia Kong

St. Catherine University

It's All in the Design

Natalie Davis

Augsburg College

Lead Levels in Minneapolis Community Gardens

Matt Scott

University of St. Thomas

4:00-5:00

Session III

ACTC Undergraduate Research Symposium 2012



Special Thanks

We would like to thank the ACTC Academic Officers Council for sponsoring the URS for the second year, with gratitude to Colleen Hegranes and St. Catherine University for being our hosts and providing such a warm welcome. Thanks, for the second year, to Michelle Hueg and the Meeting and Events Services staff for their logistical support, to the Sodexo catering team and Betsy Ellwanger-Kollasch for their creativity and their commitment to providing a sustainable meal, and to Lori Anania for her continued patience as our liaison and resident expert.

A special thanks as well to the community partners who joined us for the sustainability fair and continue to help connect ACTC students' research and passion with their work in the Twin Cities and beyond.

But mostly: huge thanks to all the student presenters and faculty who continue to dedicate their time, energy, and passion to sustainability across the disciplines. We are so glad to be able to share in your work, and we look forward to seeing you again next year (and the next, and the next).

Creating Sustainable Urban Communities

At ACTC, we believe that our environments and our communities are profoundly interconnected—that our intellectual and physical health is closely linked to the world in which we live—and that sustaining these relationships is essential to the vitality of our shared urban location. Because of this belief, ACTC is renewing its commitment to urban sustainability: tending to the people, land, resources, and relationships that make the Twin Cities a rich and vibrant urban setting for pursuing a liberal arts education. Through its focus on urban sustainability, ACTC celebrates and strengthens our dynamic urban environment.

Our commitment motivates us to care for our urban land, waterways, and environmental resources—our green spaces and our neighborhoods, our forests, lakes, and rivers. Our commitment also motivates us to care for our social, political, and cultural environments—to the forces that shape our relationships across and within our communities. We act on these commitments by promoting collaboration, conversation, and diversity of thought and action, which we believe are essential for understanding, improving, and sustaining our urban communities.

We put our commitments into action through shared endeavors as an educational collaborative grounded in the tradition of a liberal arts education. All of ACTC's educational pursuits—in the arts, humanities, law, the professions, and the natural and social sciences—are essential components of our commitment. By nurturing all aspects of the environment that shapes our urban citizenry, the ACTC seeks to support the political, environmental, social, intellectual, creative, and spiritual pursuits that keep our students, faculty, and staff strong in body, mind, and spirit: that sustain us as an urban community.