Advancing Publicly-Engaged Research, Teaching, and Learning to Address Society’s Grand Challenges

A University of Minnesota System-Wide Conference

Thursday, March 1, 2018

Coffman Memorial Union
University of Minnesota, Twin Cities

engagement.umn.edu
ADVANCING PUBLICLY-ENGAGED RESEARCH, TEACHING, AND LEARNING TO ADDRESS SOCIETY’S GRAND CHALLENGES

WELCOME

From Andrew Furco, associate vice president for public engagement, University of Minnesota

Welcome to the University of Minnesota’s 2018 Public Engagement Conference!


This year’s gathering features over 80 presentations facilitated by more than 150 faculty, staff, students, and community partners representing a diverse set of departments and colleges from across the system. Throughout the day, we will have opportunities to dialogue about the ways in which public engagement is incorporated into scholarly and academic agendas to address society’s grand challenges.

While providing a chance to celebrate the University’s rich array of public engagement projects and initiatives, this year’s gathering also provides a platform for furthering conversations on ways to deepen the institutionalization of impactful community-engaged research, teaching, and learning across our colleges and campuses.

During the lunch session, we will have the opportunity to hear remarks from Executive Vice President and Provost Karen Hanson, as well as to recognize this year’s recipients of the University of Minnesota Outstanding Community Service Awards. These system-wide awards recognize faculty, staff, students and University-affiliated community members who have made significant, demonstrable contributions to the public good through community service.

Please join us immediately after the conference for an informal group reflection and networking social hour at the University’s Campus Club, hosted by the University’s Community-Campus Liaison’s Council. At 3:30 p.m. conference attendees are invited to attend University President Kaler’s State of the University Address in Coffman Memorial Union Theater.

I hope you’ll find today’s presentations and discussions informative, productive, and inspiring. Thank you for being part of our gathering and for all you do to advance publicly-engaged research, teaching, and learning to address society’s grand challenges.

FRAMING QUESTIONS

How does public engagement support the advancement of interdisciplinary research and teaching to effectively address society’s Grand Challenges?

What are best practices for building and sustaining successful and impactful community-University partnerships?

What are effective strategies for documenting the impact of community-engaged research and teaching on particular Grand Challenges?
During the lunch session, we will have the opportunity to hear remarks from Executive Vice President and Provost Karen Hanson, as well as to recognize this year’s recipients of the University of Minnesota Outstanding Community Service Awards. These system-wide awards recognize faculty, staff, students and University-affiliated community members who have made significant, demonstrable contributions to the public good through community service.

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CONFERENCE SCHEDULE

8:00 a.m. Check-In and Continental Breakfast
8:30 a.m. Welcome
8:45 a.m. Plenary Panel
    University and community team members associated with the University’s Grand Challenges Research Initiatives, will explore themes of building partnerships, project sustainability, and strategies for managing broad-scope, interdisciplinary projects.
    Panelists: Kathleen Culhane-Pera, quality and research medical director, West Side Community Health Services; Nick Jordan, professor, Agronomy & Plant Genetics, University of Minnesota; Kris Johnson, associate director for science and planning for the North America Agriculture Program, The Nature Conservancy; Deborah Olson, pediatric nurse practitioner, People’s Center Clinics and Services; Sheila Riggs, associate professor, Primary Dental Care, University of Minnesota; and Robert Straka, professor, Experimental and Clinical Pharmacology, University of Minnesota
9:50 a.m. Break
10:00 a.m. Concurrent Sessions A
11:00 a.m. Break
11:10 a.m. Concurrent Sessions B
12:10 p.m. Lunch and Outstanding Community Service Awards Presentation
1:50 p.m. Break
2:00 p.m. Concurrent Sessions C
3:00 p.m. Post-conference events

REGISTRATION AND GENERAL INFORMATION

Registration and Information Desk: Office for Public Engagement staff will be at the registration desk outside of Coffman Memorial Union’s Great Hall for the entire conference.

Refreshment Breaks: Continental breakfast and lunch will be available in the Great Hall. Refreshments, including coffee, tea, and water, will be available between concurrent sessions in Room 324.

Internet Access: Access to the University of Minnesota wireless network is available to all conference attendees. For University staff, faculty, and students, connect via the network “eduroam.” For community partners or those without a University internet ID, please connect to the network “UofM-Guest.”

Concurrent Session Information: In addition to utilizing Guidebook, a PDF of the concurrent sessions guide is available at engagement.umn.edu or in print form at the registration desk (limited quantity).

Social Media: Share your experiences on Facebook or Twitter using #umnengaged.

Map: All concurrent sessions will take place on the third floor of Common Memorial Union. See page 5.

Guidebook: Detailed conference information is available on the University of Minnesota mobile app for iOS and Android platforms powered by Guidebook. Attendees are able to plan their day with personalized schedules; browse keynote and concurrent presentations, presenter biographies, and maps; and participate via Twitter before and during the conference. Download and open https://guidebook.com/app/umn/guide/opeconference2018/
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<td>8:00 a.m.</td>
<td>Check-in and Continental Breakfast (Great Hall)</td>
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| 8:30 a.m.  | **Welcome** (Great Hall)  
Andrew Furco, associate vice president for public engagement, University of Minnesota |
|            | **Interdisciplinary University-Community PartnershipsAddressing Grand Challenges** (Great Hall)  
Kathleen Culhane-Pera, quality and research medical director, West Side Community Health Services  
Nick Jordan, professor, Agronomy and Plant Genetics, University of Minnesota  
Kris Johnson, associate director for science and planning for the North America Agriculture Program, The Nature Conservancy  
Deborah Olson, pediatric nurse practitioner, People’s Center Clinics and Services  
Sheila Riggs, associate professor, Primary Dental Care, University of Minnesota  
Robert Straka, professor, Experimental and Clinical Pharmacology, University of Minnesota |
| 9:50 a.m.  | Break |
| 10:00 a.m. | A | Preparing Tomorrow’s Leaders A-1 | Environmental and Community Sustainability A-2 | Promoting Science through Engagement A-3 | Critical Issues in Public Engagement: Two Roundtable Discussions A-4 | Technology and the Public Good A-5 | Public Engagement in Undergraduate Study Abroad Experiences A-6 |
| 11:00 a.m. | Break |
| 11:10 a.m. | B | Engagement through the Arts B-1 | Addressing the Opioid Crisis in Minnesota B-2 | Data Storage and Public Access B-3 | Higher Education Access and Success B-4 | Addressing Global Health Needs B-5 | Addressing Grand Challenges in Greater Minnesota B-6 |
| 12:10 p.m. | Lunch (Great Hall) |
| 12:10 p.m. | Outstanding Community Service Awards Presentation (Great Hall)  
Andrew Furco, associate vice president for public engagement, University of Minnesota  
Karen Hanson, executive vice president and provost, University of Minnesota |
| 1:50 p.m.  | Break |
| 2:00 p.m.  | C | Addressing Disparities C-1 | Improving Educational Equity and Performance C-2 | Storytelling and Research C-3 | Critical Issues in Public Engagement: Two Roundtable Discussions C-4 | Inspiring Action on Climate Change C-5 | Participatory Action Research and University’s Institutional Review Process C-6 |
| 3:00 p.m.  | Conference Adjourns |
| 3:00 p.m.  | **Post-Conference Events**  
3:00 p.m. Social hosted by the Community-Campus Liaisons Council (Campus Club Bar, Coffman Memorial Union 4th Floor)  
3:30 p.m. State of the University Address (Coffman Memorial Union Theater)  
3:30 p.m. IAS Thursdays: Borderline (Crosby Seminar Room, Northrop Memorial Auditorium)  
4:30 p.m. Acara Challenge Reception (Weisman Art Museum)  
5:00 p.m. Building a Community Archives: Thinking Ahead (Room 120, Elmer L. Andersen Library) |
## PROGRAM AT A GLANCE

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### Session 305
- Equalizing Playing Fields in Partnerships A-7
- Developing Partnerships: Lessons Learned A-8
- Community Participation in Medical Research A-9
- Addressing Disability Disparities A-10
- Documenting and Disseminating Data A-11
- Working with Local Governments A-12

### Session 303c
- Immersive, Interactive Experiences to Advance Public Engagement A-13

### Session 304
- Interdisciplinary University-Community Partnerships Addressing Grand Challenges (Great Hall)
- Welcome
- Kris Johnson, associate director for science and planning for the North America Agriculture Program, The Nature Conservancy
- Karen Hanson, executive vice president and provost, University of Minnesota
- Andrew Furco, associate vice president for public engagement, University of Minnesota
- Robert Straka, professor, Experimental and Clinical Pharmacology, University of Minnesota
- Tim Gustafson, senior lecturer, Writing Studies, University of Minnesota
- Mark Pedelty, professor, Communication Studies, University of Minnesota
- Deborah Olson, pediatric nurse practitioner, People’s Center Clinics and Services
- Kathleen Culhane-Pera, quality and research medical director, West Side Community Health Services
- Andrew Furco, associate vice president for public engagement, University of Minnesota
- Sheila Riggs, associate professor, Primary Dental Care, University of Minnesota
- Nick Jordan, professor, Agronomy and Plant Genetics, University of Minnesota

### Session 303a
- Interdisciplinary University-Community Partnerships Addressing Grand Challenges (Great Hall)

### Session 301
- Interdisciplinary University-Community Partnerships Addressing Grand Challenges (Great Hall)

### Session 303c
- Interdisciplinary University-Community Partnerships Addressing Grand Challenges (Great Hall)

### Session 305
- Interdisciplinary University-Community Partnerships Addressing Grand Challenges (Great Hall)

### Program Key
- **Case Study**
- **Case Study/Digital Poster**
- **Roundtable**
- **Case Study/Research Paper**
- **Panel Discussion**
- **Workshop**
- **Research Paper**
ADVANCING PUBLICLY-ENGAGED RESEARCH, TEACHING, AND LEARNING TO ADDRESS SOCIETY’S GRAND CHALLENGES

PANELISTS

KATHLEEN CULHANE-PERA
Culhane-Pera is the quality and research medical director at St. Paul-based West Side Community Health Services. Culhane-Pera has dedicated her career to studying and addressing the cultural barriers that immigrant populations face when receiving medical care, especially within the Hmong community.

KRIS JOHNSON
Johnson is the associate director for science and planning for the North America Agriculture Program of The Nature Conservancy. In this role he leads efforts to integrate science into collaborations with public and private partners to inform and catalyze conservation and improved agricultural management across North America.

NICK JORDAN
Jordan is a professor of agronomy and plant genetics in the University of Minnesota’s College of Food, Agricultural and Natural Resource Sciences, and a Fellow of the Institute on the Environment. Jordan’s research aims to support diversification of Midwest agriculture by coordinating development across biophysical, social, economic, political, and cultural aspects of agriculture.

DEBORAH OLSON
Olson has been a pediatric nurse practitioner at People’s Center Clinics and Services since 2006. People’s Center is a nationally recognized non-profit community health center in South Minneapolis and surrounding communities. Prior to joining People’s Center, Olson was a nurse at Hennepin County Medical Center.

SHEILA RIGGS
Riggs is department chair and associate professor in the Department of Primary Dental Care in the University of Minnesota’s School of Dentistry. Riggs also leads health policy initiatives for the University’s Academic Health Center. Prior to her roles at the University, Riggs was president and CEO of Delta Dental of MN.

ROBERT STRAKA
Straka is department head and professor in the Department of Experimental and Clinical Pharmacology in the University of Minnesota’s College of Pharmacy. Straka’s research interests are focused on optimizing the use of therapeutic agents used for the prevention and treatment of cardiovascular disease.
POST-CONFERENCE EVENTS

All post-conference events are free and open to conference participants and the public.

3:00 p.m. Social Hour hosted by the Community-Campus Liaisons Council
Campus Club Bar, Coffman Memorial Union
Join members of the University’s Community-Campus Liaisons Council (CCLC) for a special post-conference networking and social hour. The CCLC supports public engagement staff professional development opportunities and advocates for the importance of public engagement staff work at all levels of the University.

3:30 p.m. State of the University Address
Coffman Memorial Union Theater
Join University and community members at University of Minnesota President Eric Kaler’s State of the University Address. The address will conclude with a moderated question-and-answer session.

3:30 p.m. IAS Thursdays: Borderline
Crosby Seminar Room, Northrop Memorial Auditorium
Hosted by the University’s Institute for Advanced Study and Northrop, this discussion will examine the role of dance as a tool to analyze and interpret international relations, issues of immigration and borders, and hip hop. Panelists will include local and international artists and University faculty.

4:30 p.m. Acara Challenge Reception
Weisman Art Museum
Celebrate the ideas and achievements of undergraduate and graduate students from across the University system seeking to pilot their ideas for impact ventures that address social and environmental challenges. The reception will include a poster session, project presentations, and an award ceremony.

5:00 p.m. Building a Community Archives: Thinking Ahead
Room 120, Elmer L. Andersen Library
University of Minnesota Libraries will host a celebration of the year-long residency of community archivist and documentary photographer Abdi Roble and his work with the University’s Immigration History Research Center Archives.

CONFERENCE PARTNERS

DRIVING TOMORROW
Our ten-year plan to lead and innovate
Grand Challenges Research
University of Minnesota

IAS Institute for Advanced Study

OFFICE FOR PUBLIC ENGAGEMENT
University of Minnesota
Driven to Discover

LIBRARIES
University of Minnesota

ACARA
INSTITUTE ON THE ENVIRONMENT
University of Minnesota
Driven to Discover