

# Michigan Higher Education Land Policy (MIHELP) Consortium



## ***Knowledge Infrastructure Models, Policies, Strategies and Economic Impact***

**April 15, 2010**

**11:30 AM to 1:30 AM.**

**315 Human Ecology**

**Michigan State University**



# MIHELP

## REINVENTING PROSPEROUS PLACES SEMINAR SERIES

- Highlight recent research that can inform policy makers today.
- Focus the work of researchers at four Michigan universities on what it will take to turn Michigan places around.
- Outline the direction of tomorrow's research, outreach and curriculum development.
- Link the research, policy, stakeholder and funding community around ideas to reinvent Michigan Places.

# MIHELP

- Network of university researchers involved in metropolitan policy research and outreach .
  - Michigan State University.
  - Grand Valley State University.
  - University of Michigan.
  - Wayne State University.
- Coordinated by the Land Policy Institute.
- Start-up funding provided by the W.K. Kellogg Foundation.
- Addresses pressing issues facing metropolitan places.
- Connects policy-relevant research with decision makers through seminars, publications and teaching future academics and leaders.



# Last Time

- ***The Impact of Mindset on the Economic Performance of Places.***
- Dr. John Schweitzer MSU—Neighborhood Social Capital Measures and Behavior Change.
- Dr. Raymond De Young, UM SNRE—Sustainable Behavior.
- Presentations posted on [www.mihelp.org](http://www.mihelp.org).

# *Knowledge Infrastructure Models, Policies, Strategies and Economic Impact*

- Dr. Cliff Lampe, MSU CAS Social Media—  
Applications to the Knowledge Management and  
the Performance of E-Government.
- Dr. Rich Jelier, GVSU—Placemaking for the  
Knowledge Economy: Lessons from Australia.

# Knowledge Infrastructure

- “Social overhead capital” (Hirschman, 1958).
- Producers that employ scientific and technological knowledge as a principal input to their production processes (Tassey, 1991; Justman and Teubal, 1995).
- An innovative milieu—a coherent whole in which a territorial production system, a technical culture and firms and institutions are linked (Maillat and Lecoq, 1992).
- Intermediary organizations are deliberately designed to make it easier for interaction and knowledge transmission to occur, and for the kind of "soft" services to be delivered to producers (Cooke, 2001).
- The stock, or pool of knowledge within a region, as one of the inputs to economic growth (Mehra, 2001).

# Knowledge Infrastructure

- Term emerged in the early 1990s, in the development of endogenous growth theory (Romer, 1990; Krugman, 1991) and others.
- A complex of public and private organizations and institutions whose role is the production, maintenance, distribution and protection of knowledge (Smith, 1997).
- A region's knowledge infrastructure includes:
  - Private sector organizations and institutions, such as industry associations, training centers, trade publications, collectively established technical standards, and R&D branch plants, as well as independent R&D firms.
  - Public sector entities, such as research councils, patent offices, institutions of higher education, libraries, data bases and the legal and administrative regulations to support the well-functioning of these entities.

# Dr. Richard Jelier

[jelierr@gvsu.edu](mailto:jelierr@gvsu.edu)



- Professor in the School of Public, Nonprofit and Health Administration at Grand Valley State University.
- Dual Ph.D. from Michigan State University in Political Science-Urban Studies.
- Coordinates the Urban and Regional Policy and Planning Concentration.
- Teaches graduate courses in Metropolitan Politics and Administration and Economic and Community Development and undergraduate courses Community Analysis Capstone and Comparative and International Administration.
- Active in international programs, serving as director and instructor of London Urbanization in 1999, 2008 and created, directed and instructed the Public Affairs and Planning summer program in Sydney, Australia 2000, 2001, 2003, 2005, 2007.

# Dr. Richard Jelier



- Research fellow and instructor at Kingston University, London 2002.
- Recent publications have appeared in *The International Journal of Economic Development*, the *Journal of Public Affairs Education*, *Urban Education* and the *Urban Review*.
- His edited volume with Gary Sands, *Sustaining Michigan: Metropolitan Policies and Strategies* was published in 2009 by MSU Press.
- Founding member and co-principal investigator of MIHELP.
- Former chairperson of United Growth.
- Program evaluator and consultant for the Educational Advisory Committee for the State of Michigan's Cool Cities Initiative 2006-2008.
- Michigan Campus Compact's outstanding service learning scholar 2007.



# Dr. Cliff Lampe lampecli@msu.edu

- *Assistant Professor, Michigan State University Department of Telecommunication, Information Studies and Media.*
- Ph.D. University of Michigan.
- Director, Graduate Program.
- Research Activities:
  - Community Ties and "bright flight."
  - Great Lakes Echo with the Knight Center for Environmental Journalism.
  - Lifecycles of Online Communities, funded by NSF.
  - Collaborative uses of social network sites, funded by NSF.
  - Stormwater Mapping, with MSU's Water Research Institute.
  - AgShare - Open Education in Africa supported by the Bill and Melinda Gates Foundation.
  - Advancing Michigan Prosperity along with MSU Extension and the Land Policy Institute.
  - MSUE Needs assessment



# Dr. Cliff Lampe

- Lampe, C., Wash, R., Velasquez, A., & Ozkaya, E. (2010 - to be presented) **Motivations to Participate in Online Communities.** In the Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI) (Atlanta, GA 2010).
- Lampe, C., & Ellison, N. (2010). **Student athlete use of Facebook.** In Proceedings of the 2010 Conference on Computer-Supported Cooperative Work (CSCW 2010).
- Ellison, N., Lampe, C., Steinfield, C., & Vitak, J. (in press). **With a little help from my Friends: Social network sites and social capital.** In Z. Papacharissi (Ed.), *The networked self: Identity, community and culture on social network sites.* New York: Routledge.
- Ganley, D. and Lampe, C. 2009. **The ties that bind: Social network principles in online communities.** *Decis. Support Syst.* 47, 3 (Jun. 2009), 266-274.
- Steinfield, C., DiMicco, J. M., Ellison, N. B., & Lampe, C. (2009). **"Bowling Online: Social Networking and Social Capital within the Organization."** Proceedings of the Fourth Communities and Technologies Conference.
- Ellison, N., Lampe, C., & Steinfield, C. (2009). **Social Network Sites and Society: Current Trends and Future Possibilities.** *Interactions Magazine* (16) 1.
- Steinfield, C., Ellison, N. & Lampe, C. (2008). **Social capital, self-esteem, and use of online social network sites: A longitudinal analysis.** *Journal of Applied Developmental Psychology* 29 (6).
- Lampe, C., Ellison, N. and Steinfield, C. (2008) **Changes in Participation and Perception of Facebook.** ACM Conference on Computer Supported Cooperative Work. November 8-12. San Diego, CA.



# Chat (Q & A)

- Type in box below screen. Ask at any time!
- We will try to answer as many as possible and will break to address questions.
- Presentations will be recorded, and posted on the websites for MIHELP: [www.mihelp.org](http://www.mihelp.org), and the Land Policy Institute: [www.landpolicy.msu.edu](http://www.landpolicy.msu.edu).
- PowerPoints will also be posted on those websites.



APRIL 23, 2010 | MSU KELLOGG CENTER | EAST LANSING, MI

new decade, new strategies, new economy



Join the conversation  
about Michigan's future

# 2010 MICHIGAN LAND&PROSPERITY SUMMIT

*save the date*

Friday, April 23, 2010  
MSU Kellogg Hotel & Conference Center  
East Lansing, Michigan  
[www.2010michsummit.org](http://www.2010michsummit.org)  
[summit@landpolicy.msu.edu](mailto:summit@landpolicy.msu.edu)



Co-hosted by the MSU Land Policy Institute and the Michigan Land Use Funders

# Next Seminar

- *April 29, 2010: Topic: Transportation and Transit Models, Policies, Strategies and Economic Impact (From WSU Room TBA).*
- Dr. Eva Kassens, MSU SPDC—Transit Friendly Policy.
- Dr. Michael Belzer, WSU—Transforming Michigan into a Global Freight Gateway.

# ***THANKS!***

- Thank you for attending today.
- Please tell colleagues you think would like to attend future sessions.
- It will be important to move research, outreach and education forward on each of these topics, and we look for faculty leaders to help drive that work. Please contact: Dr. John Warbach, Associate Director, Land Policy Institute, MSU: [warbach@msu.edu](mailto:warbach@msu.edu), or if you seek more information about MIHELP.

