

Robert Goodspeed

Urban and Regional Planning Program
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GENERAL INFORMATION

Education

Ph.D., Urban and Regional Planning, Massachusetts Institute of Technology, 2013
Dissertation: "Planning Support Systems for Spatial Planning Through Social Learning"
Committee: Joseph Ferreira, Jr. (chair), Annette Kim, Brent Ryan

Master of Community Planning, University of Maryland – College Park, 2008
Final Paper: "Citizen Participation and the Internet in Urban Planning"

B.A. with High Distinction and High Honors, History, University of Michigan, 2004
Thesis: "Urban Renewal in Postwar Detroit: The Gratiot Area Redevelopment Project"

Academic Experience

A. Alfred Taubman College of Architecture and Urban Planning, University of Michigan, Ann Arbor, MI
Assistant Professor of Urban Planning, 2013–present

Professional Experience

Metropolitan Area Planning Council, Boston, MA
Research Consultant (part time), 2011–2013

City of Boston, Mayor's Office of New Urban Mechanics, Boston, MA
Rappaport Public Policy Summer Fellow, 2010

Metropolitan Area Planning Council, Boston, MA
Research Analyst, 2008–2009

Rethink College Park, College Park, MD
Co-Founder and Editor, 2006–2008

The Urban Land Institute, Washington, DC
Information Group Summer Associate, 2007 and 2008

History Associates Incorporated, Rockville, MD
Research Historian, 2006

People For the American Way, Washington, DC
Field Organizer, 2004, Internet Coordinator, 2004–2005

SCHOLARLY WORK

Peer Reviewed Journal Articles

Goodspeed, Robert, Catherine Riseng, Kevin Wehrly, Wenting Yin, Lacey Mason, Benjamin Schoenfeldt. 2016. Applying Design Thinking Methods to Ecosystem Management Tools: Creating the Great Lakes Aquatic Habitat Explorer. *Marine Policy* 69: 134-145.

Goodspeed, Robert. 2015. Sketching and Learning: A Planning Support System Field Study. *Environment and Planning B*. Published online November 7, 2015.

Goodspeed, Robert. 2015. Smart Cities: Moving Beyond Urban Cybernetics to Tackle Wicked Problems. *Cambridge Journal of Regions, Economy, and Society* 8 (1): 79-92.

Goodspeed, Robert. 2011. From Public Records to Open Government: Access to Massachusetts Municipal Geographic Data. *URISA Journal* 23 (2): 21–32.

Peer Reviewed Book Chapters

Pelzer, Peter, Robert Goodspeed, Marco te Brömmelstroet. 2015. "Facilitating PSS Workshops: A Conceptual Framework and Findings from Interviews with Facilitators." In *Planning Support Systems and Smart Cities*, edited by S.C.M. Geertman, Joseph Ferreira, Robert Goodspeed, and John Stillwell. Berlin: Springer.

Books

Geertman, S.C.M., Joseph Ferreira, Robert Goodspeed, and John Stillwell. *Planning Support Systems and Smart Cities*. Berlin: Springer. (edited volume)

Reports

Goodspeed, Robert, Lacey Sigmon, Douglas Plowman, Seul Lee. 2014. *Innovative Planning in the U.S.: Engaging Communities to Build Better Places*. Future Watch Report, Team Finland (Tekes/FinPro).

Goodspeed, Robert, Arthur Prokosch, Catherine Riseng, Lacey Mason, Kevin Werhly. 2014. *A Review of Great Lakes Web-Based Geospatial Information Tools*. Great Lakes Aquatic Habitat Framework Project.

Goodspeed, Robert. 2010. *Open Government Strategy for the City of Boston*. Policy Report. Mayor's Office of New Urban Mechanics.

Other Published Work

"Which Crowdsourcing?". *Planning & Technology Today*. Winter 2011.

"Citizens need voice in Detroit renewal." Op-Ed. *The Detroit News*. June 2, 2011.

Scholarly Work in Progress

"Crowdsourcing Street Beauty: A New Method for Visual Preference Surveys" (under review)

"Digital Knowledge Technologies in Planning Practice: From Black Boxes to Media for Collaborative Inquiry" (under review)

Grants

Principle Investigator, "The Adoption of Intelligent Planning Infrastructures: The Southern California Scenario Planning Model," UM Office of Research and Taubman College, 3/2016-5/2017 (\$6,990).

Principle Investigator, "From Social Vulnerability and Neighborhood Effects to Planning Knowledge: Tools for Considering Social Equity in Scenario Planning," The Lincoln Institute of Land Policy, 8/2015-9/2016 (\$44,000).

Co-Principle Investigator (with T. Veinot, V. Berrocal, P. Clarke, and D. Romero). "A 'Big Data' Approach to Understanding Neighborhood Effects in Chronic Illness Disparities." UMOR/Rackham Social Sciences Annual Institute, MCubed Diamond/Sloan Foundation and Moore Foundation, 5/2015-4/2016. (\$109,777).

Principle Investigator, "Scenario Planning Laboratory Exercises and Scenario Guide," The Sonoran Institute, 7/2014-2/2015 (\$4,167).

Principle Investigator, "Innovative Planning in the U.S." Finpro-Finland Trade Center, 4/2014-6/2014 (\$16,128).

Principle Investigator (with C. Riseng, K. Wehrly, E. Rutherford, L. Wang, and L. Mason). "Assessing Information Needs and Developing Tools for Great Lakes Ecosystem Management." University of Michigan Graham Sustainability Institute, 1/2014-8/2015 (\$214,602).

LECTURES

Academic Conference Papers and Presentations

"Civic Crowdfunding: Internet Mobilization for Neighborhood Collective Action," Keynote Speaker, Michigan Interactive and Social Computing (MISC) Annual Retreat, 29 April 2016.

"Tools for Considering Social Equity in Scenario Planning," Open Scenario Planning Tools Symposium, Austin, TX, 20 November 2015.

"Tools for Collaborative Inquiry: Technology for More Intelligent Urban Planning," Center for Urban and Regional Analysis, The Ohio State University, 20 October 2015.

"Planning Support Systems as Pragmatic Tools of Inquiry," Presentation at ACSP 2015, Houston, TX, 24 October 2015.

"Advanced Concepts in Crowdsourcing and Civic Crowdfunding," "Introduction to Design Thinking," Geothink Summer Institute Instructor, University of Waterloo, Ontario, Canada, June 2015.

"Disruptive Innovations in Transportation Infrastructure: A Framework for Stakeholder Identification," Network on European Communications and Transport Activities Research (NECTAR), Ann Arbor, MI, 14 June 2015.

"Paradigms for Information Technology Research in Planning," Presentation at ACSP 2014, Philadelphia, PA, 1 November 2014.

"Crowdsourcing Street Beauty: A New Method for Visual Preference Surveys. Presentation at the Big Data and Urban Informatics Conference, Chicago, IL, 11-2 August, 2014.

"Scenario Planning Tools: Introduction and Research" Presentation at the American Planning Association, Atlanta, GA, April 28, 2014.

"The Spaces of Urban Planning: Workshops, GIS, and Cities." Presentation at the Society for Social Studies of Science, San Diego, CA, October 12, 2013.

"Computer Modeling for Social Learning in Land Use Planning." Paper presented at the Association of Collegiate Schools of Planning 53rd Annual Conference, Cincinnati, OH, November 1-4, 2012.

"Three 'Singular' Experiments in Participatory Democracy: Comprehensive Planning in Austin, Texas." Paper presented at Society for American City and Regional Planning History, Baltimore, MD, November 18–20, 2011.

"Rethinking the Urban Conversation: RethinkCollegePark.net." Paper presented at the Society for American City and Regional Planning History Conference, Oakland, CA, October 17, 2009.

"Crowdsourcing as Data Sharing: A Regional Web-based Real Estate Development Database" (with T. Reardon and C. Spanring). Poster presented at 6th International Conference on Theory and Practice of Electronic Governance, Albany, NY, October 22–25, 2012.

Other Presentations

"Cultural Competency in Planning(?)," Cultural Competency Collective, 9 February 2016.

"Tools for Considering Social Equity in Scenario Planning," Open Scenario Planning Tools Symposium, Austin, TX, 20 November 2015.

"Tools for Collaborative Inquiry: Technology for More Intelligent Urban Planning," Center for Urban and Regional Analysis, The Ohio State University, 20 October 2015.

"Beyond Black Boxes: John Dewey as a Democratic STS Theorist," Presentation at the UM STS Mini-Conference, Ann Arbor, MI, 20 March 2015.

"What Can GIS Do for You?," Presentation at GIS Day, Ann Arbor, MI, 19 November 2014.

"Scenario Planning Curriculum Update," Presentation at the Open Planning Tools Group Symposium, Silver Spring, MD, 11 November 2014.

"Civic Crowdfunding: A New Method of Participatory Community Development." Presentation at #micities 2014, Ann Arbor, MI, 4 October 2014.

"Urban Neighborhood Mapping Sector Introduction." Presentation to Social Venture Fund, University of Michigan Stephen M. Ross School of Business, Ann Arbor, MI, January 20, 2014.

"Planning Support Systems for Scenario Planning." Presentation to City of Ann Arbor Planning & Development and Systems Planning Staff, Ann Arbor, MI, December 5, 2013.

"Embodied Computation for Social Learning: Findings from Field Research on Planning Support Systems." Presentation at Michigan Interactive & Social Computing Workshop, Ann Arbor, MI, December 3, 2013.

"Scenario Planning Tools and Practice." Presentation at Moving Our Metro, Michigan Suburbs Alliance Conference and Annual Meeting, Dearborn, MI, November 15, 2013.

"New Tools for Participation in Planning: Theory, Representation & Emerging Practices." Presentation (by webinar) at Planning: Is There an App For That? Arizona APA Professional Development Workshop, Phoenix, AZ, November 15, 2013.

"Local Public Health Information: Who Wants to Know What?" (with M. Arcaya, T. Reardon, K. Ito, J. Vogel, J. Buszkiewicz, T. Land and W. Li). Presentation at the 141st American Public Health Association Annual Meeting, Boston, MA, November 6, 2013.

"Five Questions About Online Participation in Planning (and Five Hypotheses)." Presentation at Tools for Engagement Workshop - Regional Plan Association and Lincoln Institute of Land Policy, New York, NY, March 29, 2012

"Information Systems for Solving Wicked Urban Problems." Webinar presented at the Urban Systems Collaborative Seminar Series, October 3, 2011

"The Dilemma of Online Participation: The Case of the Imagine Austin Comprehensive Plan." Presentation at Transportation Research Board Online Workshop—Keeping up with Communication Technology: The Practical Use of Social Media, September 21, 2011.

“The Dilemma of Online Participation.” Presentation at American Planning Association National Conference, Boston, MA, April 11, 2011.

“Crowdsourcing Urban Planning?” Lightning Talk presented at Virginia Tech Social Media for Planning Conference, April 22, 2011.

“Internet Participation in Planning: Historical Context and a Framework for Discussion.” Paper presented at the Princeton Summit on City Planning, Civic Engagement, and the Internet, Princeton, NJ, April 30, 2009.

“Online Citizen Media in Three Cities: ArborUpdate.com, DCist.com, RethinkCollegePark.net.” Presentation at CitMedia@SPJ Workshop, at the Society of Professional Journalists and National Journalism Conference, Washington, DC, October 4–7, 2007.

TEACHING

University of Michigan

A. Alfred Taubman College of Architecture and Urban Planning:

UP 506: Introduction to Geographic Information Systems (F13, W14, F14, W15, F15)

UP 614: Collaborative Planning (W14, F14, F15)

UP 529: Scenario Planning: Theory and Practice (W15, W16)

UP 529: Sustainability and Social Change (W16)

Massachusetts Institute of Technology

Teaching Assistant, Department of Urban Studies and Planning:

11.S952 Economic Development Tools and Techniques (Spring 2013)

11.220: Quantitative Reasoning and Statistical Methods for Planning I (Spring 2012)

11.520: Introduction to Spatial Analysis and Workshop in GIS (Fall 2011, Fall 2012)

11.201: Gateway to the Profession of Planning (Fall 2010)

MIT Graduate Teaching Certificate, 2011

University of Maryland

Teaching Assistant, Department of Plant Science and Landscape Architecture:

LARC 160: Introduction to Landscape Architecture (Fall 2006 – Spring 2008)

University of Michigan

Instructor, Honors Program, College of Literature, Sciences and the Arts:

HON 135.006: Student Activism and Social Change (Winter 2004)

SERVICE

Committees

A. Alfred Taubman College of Architecture and Urban Planning, University of Michigan

Urban Informatics Certificate Program, Faculty Committee, 2015-2016

Urban and Regional Planning Program, Master of Urban Planning Admissions Committee, 2014-2016

Urban and Regional Planning Program, Curriculum Committee, 2016

Urban and Regional Planning Program, Research Committee, 2015

Spatial Analysis Laboratory Faculty Ad-Hoc Committee, 2014-2016

Chair, #micities Conference, 2014

MIT Department of Urban Studies and Planning

Faculty Search Committee in Technology, Media, and Community Development, 2011–2012
Doctoral Research Seminar Planning Committee, 2011–2012
Organizing Committee Chair, PlanningTech@DUSP Conference, 2011

University of Maryland Department of Urban Studies and Planning

Dean Review Committee, School of Architecture, Planning, and Preservation, 2008
East Campus Redevelopment Community Review Steering Committee, 2007–2008

Other University Service

MIT Next House Graduate Resident Tutor

Fall 2010–Spring 2013

Professional Memberships

Urban and Regional Information Systems Association, 2010–present
American Planning Association, 2006–present
Executive Committee Member and Newsletter Editor, Technology Division, 2008–2015
Society for American City and Regional Planning History, 2007–present

Professional Service

Board of Directors, PlaceMatters, 2014–present
Site Planning Committee, POP-X Art Festival, Ann Arbor, MI
Advisory Committee Member, On Board Project, Michigan Suburbs Alliance, 2013–2014
Legislative Committee Member, Metropolitan Area Planning Council, 2010–2011

Academic Service

Occasional Reviewer (articles): Journal of Applied Spatial Analysis and Policy, Journal of the American Planning Association, Journal of Planning Education and Research, Journal of Community Practice, Michigan Journal of Sustainability, Environment and Planning B, GeoForum, Journal of Community Informatics, Fibreculture, Transportation Research Part A, Computers in Environment and Urban Systems.

Occasional Reviewer (proposals and reports): Routledge, National Science Foundation, New York University Robert F. Wager School of Public Service, Michigan SeaGrant

HONORS & AWARDS

Donald Schön Award for Excellence in Learning from Practice, 2013
Planetizen Top 25 Leading Thinker in Urban Planning Technology, 2011
Rappaport Public Policy Summer Fellowship, 2010
MIT Departmental Award for Contribution to Intellectual Life, 2010
MIT Presidential Fellowship, 2009–2010
University of Maryland Outstanding Master of Community Planning Student Award, 2008
University of Maryland Graduate Student Government Service Award, 2008
University of Maryland Larry Reich Award for Best Final Paper, 2008
Winning Team Member, George Washington University Real Estate Case Competition, 2008
University of Michigan Student Leadership Legacy Award, 2004
University of Michigan James B. Angell Scholar, 2004
Gilder Lehrman Institute for American History Scholars Finalist, 2004
University of Michigan William J. Branstrom Freshman Prize, 2000