

DAVID M. SIMPSON, AICP

Curriculum Vitae

University of Louisville
Dept. of Urban and Public Affairs
Louisville, Kentucky 40208

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dave.simpson@louisville.edu

Current and Recent Appointments

Chair, University Sustainability Council (2012 - present)

Endowed Fifth Third Bank Professor of Community Development (2006 - present)

Department Chair, Urban and Public Affairs (2009 - present)

Director, BA in Sustainability degree program (2016 - present)

Director, Center for Hazards Research and Policy Development (2003 - present)

Director, Masters of Urban Planning Degree Program (2006 - present)

Director, Graduate Certificate in Real Estate Development (2012- 2018)

Director, Interdisciplinary Masters in Sustainability (2015- 2018)

Associate Dean for Faculty Affairs, College of A&S (2012-2014)

University Faculty Grievance Officer (2007-2010)

Professional Training

1996 PhD University of California, Berkeley, *City and Regional Planning*

1990 MPA University of Texas, Austin, *LBJ School of Public Affairs*

Masters of Public Affairs; Minor in Urban Planning

1987 BA Duke University, Physics; Political Science; Public Policy Studies

2001 AICP American Institute of Certified Planners, 2001-current

Research Interests

Sustainability; Environment and Design; Human–Canine Interaction; Hazards Planning and Emergency Management Policy; Dispute Resolution and Mediation; Planning Theory

Honors/Awards

Dean's Award for Outstanding Departmental Leadership, College of A&S, 2011

Fifth Third Bank Endowed Professorship in Community Development (2006-)

AAAS Next Generation of Leaders in Science and Technology (2002)

National Science Foundation, *Natural Hazards Research Fellow*, 1996-1997

Outstanding Doctoral Student (UC Berkeley), Dept. City & Reg. Planning, 1991-92

Outstanding Graduate Student Instructor Award 1990-91 (U.C. Berkeley)

Phi Kappa Phi Honor Society

Publications

- Simpson, David M. (in press, 2020). "Canines and Cubicles: Considering Dogs in the Workplace." chapter in: *From Discord to Harmony: Making Your Workplace Hum*. Belak and LaVerna, eds. Information Age Publishing Inc.
- Thompson, D.J., Weissbecker, I., Cash, E., Simpson, D.M., Daup, M., and Sephton, S.E. 2015. "Stress and Cortisol in Disaster Evacuees: Association with Social Protective Factors." *Applied Psychophysiology and Biofeedback*. 40:33–44.
- Bucher, John, R. Josh Human, and David M. Simpson. 2014. "Developing a Framework for State and Local Community Recovery Planning." *Journal of the American Planning Association*. Autumn 2014, Vol. 80, No. 4
- Simpson, D.M., I. Weissbecker, and S. Sephton. 2011. "Extreme Weather-Related Events: Implications for Mental Health and Well-Being." Chapter 4 in *Climate Change and Human Well-Being: Global Challenges and Opportunities*. Inka Weissbecker, ed. New York: Springer. pp.57-78.
- Schartung, C.T.; Lesales, T.; Human, R. J.; and D.M. Simpson. 2011. "Crossing Paths: Trend Analysis and Policy Review of Highway-Rail Grade Crossing Safety," *Journal of Homeland Security and Emergency Management*: Vol. 8:1, Art 52. DOI: 10.2202/1547-7355.1884. Available at: <http://www.bepress.com/jhsem/vol8/iss1/52>
- Schartung, CT, N. Moulder, W.Bruer, and DM Simpson. 2010. "Pandemic Flu Planning: an Overview." *Journal of Planning Literature*. Vol. 25, No. 1: 18-25.
- Simpson, David M., C.B. Lasley, T.D. Rockaway, and T.A. Weigel. 2010. "Understanding critical infrastructure failure: examining the experience of Biloxi and Gulfport, Mississippi after Hurricane Katrina." *International Journal of Critical Infrastructure*. Vol. 6, No. 3: 246-276.
- Katirai, Matin and David M. Simpson. 2009. "Large-Scale Rooftop Search and Rescue: The Experience of Hurricane Katrina." *International Journal of Mass Emergencies and Disasters*. Vol. 27, No. 2: pp. 167-180.
- Smith, Patrick C. and David M. Simpson. 2009. "Technology and Communications in an Urban Crisis: The Role of Mobile Communications Systems in Disasters." *Journal of Urban Technology*, Vol. 16, Issue 1: pp. 133 – 149.
- Schartung, C.T., R.W. Bruer, R.J. Human, and D.M. Simpson. 2009. "Pandemic Planning and Preparedness: Review of Related Literature and Practice." WP09-03. Univ.of Louisville: Center for Hazards Research. 55pp.
- Moulder, N., R.J. Human, and D.M. Simpson. 2009. "Healthcare Hazard Preparedness Assessment and Plan." WP09-02. University of Louisville: Center for Hazards Research. 66pp.
- Lesales, T., R.J. Human, and D.M. Simpson. 2009. "Safety at Grade Crossings." WP09-01. University of Louisville: Center for Hazards Research. 72pp.
- Katirai, M. and D.M. Simpson. 2008. "Large Scale Rooftop Search and Rescue: the experience of Hurricane Katrina." QR201. University of Colorado, Boulder: Natural Hazards Center. Available online at: <http://www.colorado.edu/hazards/research/qr/qr201.pdf>
- Simpson, David M. 2008. "Disaster Preparedness Measures: A Test Case Development and Application" *Disaster Prevention & Management*, Volume 17, No.5: 645-661.
- Simpson, David M. and R. Josh Human. 2008. "Large-scale vulnerability assessments for natural hazards." *Natural Hazards*. 47:143-155.

- Weissbecker, I, S.E. Sephton, M. Martin, and D.M. Simpson. 2008. "Psychological and Physiological Correlates of Stress in Children with Exposure to Disaster: A Review of the Current Research." *Children, Youth and Environments*. Vol.18, No. 2
- Lesales, T., R.J. Human, and D.M. Simpson. 2007. "Creating Disaster Resistant Universities in the Caribbean." *Etudes Caribeenes*. Vol 7,pp.23-28.
- Strieps, Krisjans and David M. Simpson. 2007. "Critical Infrastructure Failure in a Natural Disaster: Initial Notes comparing Kobe and Katrina." Working Paper # 07-01. University of Louisville: Center for Hazards Research.
- Inka Weissbecker, David M. Simpson, Sephton, Sandra and Lush, Liz. 2007. "Mental Health and Psychosocial Issues in Disaster Preparedness in Belize." Working Paper # 07-03. University of Louisville: Center for Hazards Research.
- Clust, Michael D., Roy J. Human and David M. Simpson. 2007. "Mapping and Rail Safety: The Development of Mapping Display Technology for Data Communication." Working Paper # 07-02. University of Louisville: Center for Hazards Research.
- Schartung, Charles T., Roy J. Human, and David M. Simpson. 2007. "Flooding in the Digital World: The Development of the Floodplain Management Toolbox Website and Natural Hazard Mitigation" Working Paper # 07-08. University of Louisville: Center for Hazards Research.
- Lasley, Carrie Beth, David M. Simpson, Thomas D. Rockaway, Terry Weigel. 2007. "Understanding Critical Infrastructure Failure: Examining the Experience of Biloxi and Gulfport Mississippi after Hurricane Katrina." Working Paper # 07-09. University of Louisville: Center for Hazards Research.
- Lasley, Carrie Beth, Roy J. Human and David M. Simpson, 2007. "Floodplain Policy and Rising Waters: Outreach and Policy Issues in Kentucky Floodplain Management." WP7-10. U.Louisville: Center for Hazards Research.
- Human, R.Josh, Manasi Palit and David M. Simpson. 2006. "Risk Assessment and the Disaster Resistant University (DRU) Program: The University of Louisville Approach." *International Journal of Mass Emergencies and Disasters*. Vol.24, No.2: pages 191-202.
- Simpson, David M. and Matin Katirai. 2006. "Measurement and Indicators for Disasters: Topical Bibliography." Working Paper # 06-01. University of Louisville: Center for Hazards Research.
- Beckmann, Heather, and David Simpson. 2006. "Risk Assessment and GIS in Natural Hazards: Issues in the Application of HAZUS." *Int. J. Risk Assessment and Management*, Vol 6, Nos.4/5/6, pp.408-422.
- Piuma, Patrick T., Human Roy J. and Simpson David M. 2006. "Creating a Hazard Information Portal: Initial Considerations and Evaluation." Working Paper # 06-08. Univ.of Louisville: Center for Hazards Research.
- Lesales, Thierry, Simpson, David M. and Human Roy J. 2006. "Creating Disaster-Resistant Universities in the Caribbean." Working Paper # 06-07. University of Louisville: Center for Hazards Research.
- Lasley Carrie Beth, Human Roy J. and Simpson, David M. 2006. "Advancing Flood Mitigation in Kentucky: Issues in Map Modernization." Working Paper # 06-06. University of Louisville: Center for Hazards Research.
- Smith Patrick C. and Simpson, David M. 2006. "The Role of Mobile Emergency Tactical Communication Systems for Disaster Response." Working Paper # 06-05. University of Louisville: Center for Hazards Research.
- Ortines, Raymund V., Human Roy J. and Simpson David M. 2006. "Planning and Response Issues for Nuclear and Radiological (NUC/RAD) Incidents." Working Paper # 06-04. Univof Louisville: Center for Hazards Research.

- Simpson, David M. and Katirai, Matin. 2006a. "Measurement and Indicators for Disasters: Topical Bibliography." Working Paper # 06-01. University of Louisville: Center for Hazards Research.
- Simpson, David M. and Katirai Matin. 2006b. "Indicator Issues and Proposed Framework for a Disaster Preparedness Index (DPi)." Working Paper # 06-03. University of Louisville: Center for Hazards Research.
- Covington, Jaeryl, and Simpson, David M. 2006. "An Overview of Disaster Preparedness Literature: Building Blocks for an Applied Bay Area Template." Working Paper # 06-02. University of Louisville: Center for Hazards Research.
- Simpson, David M. 2005. "A National Survey of Planning Agencies and the Role of Web Technology." *ICMA Municipal Yearbook*, 2005 edition.
- Simpson, David M., T.Rockaway, T.Weigel, P.Coomes and C. Holloman. 2005. "A New Approach to Critical Infrastructure Modeling and Extreme Events." *International Journal of Critical Infrastructures*. Vol. 1, Nos.2/3:125-143.
- Simpson, David M. and William Strang. 2004. "Volunteerism, Disasters and Homeland Security: The AmeriCorps*National Civilian Community Corps (NCCC) and Community Preparedness", *Journal of Homeland Security and Emergency Management*: Vol. 1: No. 4, Article 404.
<http://www.bepress.com/jhsem/vol1/iss4/404>.
- Freibert, Paul and David M. Simpson. 2004. "The Role of the Internet Map Servers (IMS) in Emergency Management." *Jnl. Am. Soc. of Professional Emergency Planners*. Vol.11: Oct 2004.
- Simpson, David M. and Paul Freibert. 2003. "The Role of Advanced Technology in Disaster Response: Observations and Practitioner Issues." Nov. 2003. *Jnl. Am. Soc. of Professional Emergency Planners*.
- Simpson, David M. and Steven D Stehr. August 2003. "Victim Management and Identification Following the World Trade Center Collapse." in: *Beyond September 11th: An Account of Post-disaster Research*. Boulder, CO: Hazard Research Center.
- Simpson, David M. and Alice Jones. 2002. "When 'PLAN' is a four-letter word: Planning and Education in a 'hands-off-my-land' State." American Planning Association. Web Article. www.planning.org
- Stehr, Steven D. and David M. Simpson. 2002. "Victim Identification and Management Following the Collapse of the World Trade Center Towers: A Report Prepared For The Quick Response Grant Program." QR Report #148, Boulder, CO: Natural Hazards Center, University of Colorado, Boulder.
<http://www.Colorado.EDU/hazards/qr/qr148/qr148.html>
- Simpson, David M. and Steven D. Stehr. 2002. "Investigating the Disaster in New York City: Conducting Field Research Following the Collapse of the World Trade Center." *Natural Hazards Review*. Vol. 3 (2): 34-35.
- Simpson, David M. 2002. "Earthquake Drills and Simulations in Community-based Training and Preparedness Programmes." *Disasters*, 2002, 26 (1): 55-69.
- Simpson, David M. and Gregory Howard. 2001. "Issues in the Profession: The Evolving Role of the Emergency Manager" *Journal of the American Society of Professional Emergency Planners*. Vol. 8: 63-70.
- Simpson, David M. 2001. "Virtual Reality and Urban Simulation in Planning: A Literature Review and Topical Bibliography." *Journal of Planning Literature*. Vol 15, No 3 (Feb. 2001): 359-376.
- Simpson, David M. 2001. "Community Emergency Response Training (CERTs): A Recent History and Review." *Natural Hazards Review*. Vol.2, No.2: 54-63. May 2001.

- Darlington, J.D. and D.M. Simpson. 2001. "Envisioning Sustainable Communities: The Question of Disasters." *Natural Hazards Review*. Vol.2, No.2: 43-44. May 2001.
- Simpson, David M. 2001. "The U.S. Experience with Community Response Training." In *Proceedings, Dissemination of Disaster Mitigation Technologies for Humanistic Concerns*, Phase I: Earthquakes. Taipei, Taiwan: National Science Council, Taiwan. p4.1-4.17
- Simpson, David M. 2001. "Creating a Preparedness Measure (PM) Methodology: Initial Development, Application and Consideration in a Two Test Case for Carbondale, Illinois and Sikeston, Missouri." Mid-America Earthquake (MAE) Center Publication Series. Univ.of Illinois: MAE.
- Simpson, David M. 2000. "Non-Institutional Sources of Assistance Following a Disaster: Potential Triage and Treatment Capabilities of Neighborhood-based Organizations." *Journal of Pre-Hospital and Disaster Medicine*. Vol 15, No 4.
- Simpson, David M. 1999. "Community Models of Disaster Preparedness" in Jon Ingleton, ed. *Natural Disaster Management*. Leicester, England: Tudor Rose Publishing.
- Simpson, David M. and Sandra E. Sephton. 1998. "Citizen Participation, Social Support, and Disaster Preparedness: Promoting Self-protection Action in Risk Prone Environments." Working Paper No. 53-P. Texas A&M University: Hazard Reduction and Recovery Center.
- Simpson, David M. 1998. "Earthquake Drills and Simulations as Augments to Community-Based Training and Preparedness Programs: Organizational Structure and Utility." Working Paper No. 52-P. Texas A&M University: Hazard Reduction and Recovery Center.
- Simpson, David M. 1998. "Comparing Community-Based Disaster Preparedness Programs: An Initial Examination of Program Structure and Administration." Working Paper No. 50-P. Texas A&M University: Hazard Reduction and Recovery Center.
- Simpson, David M. 1998. "The Research Context for Community-based Disaster Preparedness Groups: A Review of the Related Literature." Working Paper No.48-P. Texas A&M University: Hazard Reduction and Recovery Center.
- Simpson, David M. 1998. "Developing a Rationale for Grass Roots Disaster Preparedness." Working Paper No.49-P. Texas A&M University: Hazard Reduction and Recovery Center.
- Simpson, David M. 1998. "Neighborhood Building through Disaster Preparedness." Working Paper No. 51-P. Texas A&M University: Hazard Reduction and Recovery Center.
- Simpson, David M. 1997. "Land Use Conflict and Dispute Resolution: Creating a Planning-based Framework." Center for Public Leadership Series: Program on Conflict and Dispute Resolution, Bush School of Government and Public Service, Texas A&M University.
- Simpson, David M. 1995. "A Comparison of Earthquake Preparedness Activity: the Cities of Albany and Millbrae, California." Albany, CA: The City of Albany.
- Simpson, David M. 1995. "Regional Approaches to Disaster Preparedness: The San Francisco Bay Area and BAYNET." Concord, CA: Bay Area Network (BAYNET).
- Simpson, David M. 1993. "Planning without Walls." *Berkeley Planning Journal*. Volume No. 8, fall 1993.

Landis, John with Ted Bradshaw, Peter Hall, Michael Teitz, Edmund Egan, Ayse Pamuk, Qing Shen, and David Simpson. 1993. *How Shall We Grow? Alternative Futures for the Greater San Francisco Bay Region*. Berkeley: California Policy Seminar.

Innes, Judith and David M. Simpson. 1993. "Implementing GIS for Planning: Lessons from the History of Technological Innovation." *Journal of the American Planning Association*. Vol 59, No.2, Spring 1993.

Simpson, David M. 1993. "Risky Business: Risk and Disasters in the Field of Planning." *Journal of Planning Education and Research*. Summer 1993.

Simpson, David M. 1992. "Risk and Disaster: Arguments for a Community-based Planning Approach." *Berkeley Planning Journal*. Vol 7, fall 1992.

Practitioner Oriented Publications/Reports

Rockaway, T.D. and D.M. Simpson. 2007. Final Project Report. "Emergency Communications with your local government and community." Project 03-CTS-5SCO. Washington, DC: Water and Environment Research Foundation (WERF). 200pp. Report and accompanying CD-ROM for the eCIMS program (emergency status information management system).

Simpson, et al. 2007. Kentucky State Hazard Mitigation Plan. Frankfort, Kentucky: Division of Emergency Management. Reviewed and approved by KyEM, FEMA Region IV, and FEMA HQ. 400pp.

Katirai, M. and D.M. Simpson. In press for 2008. "Large-Scale Airlift Search and Rescue in Hurricane Katrina." Quick Response Report #196. Boulder, CO: Natural Hazards Research Center.

Human, R.J. and D.M. Simpson. 2007. Hazard Mitigation Plan for the University of Louisville." Final report for FEMA Disaster Resistant University (DRU) grant program. Approved by KyEM, FEMA Region IV, and FEMA HQ. 178pp.

Simpson, David M. 2005. "A Review of Introduction to Homeland Security", *Journal of Homeland Security and Emergency Management*: Vol. 2: No. 2, Article 7. www.bepress.com/jhsem/vol2/iss2/7

Simpson, David M. 2005. "Planning, IT and Homeland Security." InfoTEXT, American Planning Association, Information Technology Division. Fall 2005.

Simpson, David M., R.J. Human, H.Beckmann, M. Franke, P.Freibert, J.Haberman, J.Haley, and Y.Vozos. *Kentucky State Hazard Mitigation Plan*. September 2004. 942pp. Frankfort, KY: Kentucky Div.Emergency Management.

Simpson, David M. 2003. "Virtual Planning: Urban Planning in Cyberspace." *The Kentucky Planner*. Spring. pp.7-8.

Simpson, David M. 2002. "QR Grant: Trip Report from the World Trade Center." February 18, 2002. Filed with the Natural Hazards Center, University of Colorado, Boulder.

Simpson, David M. 2002. "Getting Ahead or Left Behind: Necessary Skills of the Practicing Planner." *The Kentucky Planner*. Spring 2002. pp6-7.

Simpson, David M. 2002. "Building Neighborhood and Community Disaster Resiliency Through Self-Organization Techniques." Part of the "Global Blueprints for Change" series for the Global Alliance for Disaster Reduction (GADR).

Simpson, David M. 2001. "University of Louisville and the Future of Planning Education." *The Kentucky Planner*. Winter 2001: pp.9,17.

Simpson, David M. 1990. "The Tarrant County Crime Control and Prevention District." Ft. Worth, Texas: Tarrant County Administrators Office.

Simpson, David M. 1989. "Options for Federal Policy Encouraging Diversification and Sustainable Agricultural Practices." Austin, Texas: Texas Department of Agriculture.

Simpson, David M. 1986. "A Guide to the Background, Issues, and Current Climate in Defense Systems Acquisition."
Washington DC: Office of Management and Budget, National Security Division, Air Force Branch.

Presentations

Natural Hazards, Environment, and Planning:

"STARS rankings and Institutions: The University of Louisville Experience." 2013. AASHE
Conference, October 2013, Nashville, TN.

"Trends in Planning and Hazards." Plenary Speaker. May 2008. Kentucky Association of Mitigation Managers.

"Large-scale Vulnerability Assessments for Natural Hazards." Association of Collegiate Schools of Planning
(ACSP) Milwaukee, WI. October 20, 2007

"Hazard Mitigation Planning for Universities." Disaster Planning Workshop, University of West
Indies (UWI), Cave Hill Campus, Barbados. June 17, 2006.

"Community Preparedness Metrics." Presentation to the White House Subcommittee on Disaster
Reduction (SDR). Washington, DC. May 4, 2006.

"Measuring Community Preparedness." National Academies of Science, Disasters Roundtable,
Washington, D.C. March 20, 2006.

"Use of the Web by Municipal Planning Agencies." Association of Collegiate Schools of Planning
(ACSP) Annual Conference. November 2005, Kansas City, MO.

"The Use of Technology by Planning Agencies in the U.S.: A National Benchmarking Survey." With
Mike Gritz, Chris Steins. ESRI Conference, August 9-13, 2004. San Diego, CA.

Invited Speaker. "Conducting Field Research after a Disaster: Experiences from the World Trade
Center event." 28th Annual Workshop on Hazards and Applications, Boulder, Colorado,
July 14-17, 2003.

"Victim identification in mass casualty disasters: Lessons from the World Trade Center
event." Paper presentation to the 97th annual meeting of the American Sociological Association. August 16-19,
2002. Chicago, Ill.

Invited Speaker. "Conducting Field Research Following a Terrorist-Induced Disaster."
National Disaster Medical System (NDSM) Conference. Atlanta, GA, April 15, 2002.

"Keys to successful CERTs" Presentation to the Tyler Park Neighborhood Association,
Louisville, Kentucky, CERT Kickoff Meeting. February 25, 2002. Coverage by
WHAS-TV CH11, 11pm broadcast.

"The Collapse of the World Trade Center: Preliminary Research on Victim Identification and
Assistance." Research Seminar Series in the University of Louisville's Department of
Urban and Public Affairs. January 24, 2002.

"Victim Identification and Assistance Following the Collapse of the World Trade Center Towers."
With Steven Stehr at *Learning from Urban Disasters: National Science Foundation Workshop*.
New York University, Institute for Civil Infrastructure Systems: December 13, 2001.

- “The Role of the Governor’s Council on Earthquake Risk Reduction.” Conference on Earthquake and All Hazards Planning: Disaster Planning for Business, Health Care, Government, and Institutions. Louisville, January 18, 2001.
- “Seismic and Severe Storms Retrofit.” Conference on Earthquake and All Hazards Planning: Disaster Planning for Business, Health Care, Government, and Institutions. Louisville, January 18, 2001.
- “The Praxis of Disasters: Contributions of Theory and Practice from Sociology and Planning Disciplines.” MidWest Sociological Society. St. Louis, April 2001.
- Invited Speaker. “The U.S. Experience with Community Emergency Response Training (CERT).” Paper presentation, Asian Pacific Economic Council (APEC), Workshop, Dissemination of Disaster Mitigation for Humanistic Concerns. Taipei, Taiwan. June 18-21, 2001.
- Invited Speaker. “Recent U.S. Experience with Community Mitigation for Hazards: The Role of Urban Planning and Planners.” Presentation to the Taipei City Government, Urban Development Department. Taipei, Taiwan: June 21, 2001.
- Invited Panelist. “Measuring Mitigation Successes: A New Incentive.” 26th Annual Workshop on Hazards and Applications, Boulder, Colorado, July 15-18, 2001.
- “Thoughts on the Future of Disaster Mitigation from the Disciplines of Sociology and Urban Planning.” With Dr. Dennis Wenger. Boulder, Colorado: 25th Annual Hazards Research and Applications Workshop- Research Roundup Series, July 12-13, 2000.
- “Dealing with Un-CERT-ainty: the Rise of Community Emergency Response Training Programs as a New Social Organization.” Midwest Sociological Society, Annual Meeting. Chicago, Illinois: April 2000.
- Invited Plenary Speaker. “Volunteerism: Disaster Preparedness and Response.” International Conference on Public Health and Disasters. Los Angeles, April 1999.
- “Citizen Participation, Social Support, and Disaster Preparedness: Promoting Self-protection Action in Risk-Prone Environments.” Association of Collegiate Schools of Planning. Pasadena, California. November 1998.
- “Earthquake Drills and Simulations as Augments to Community-based Training and Preparedness Programs: Organizational Structure and Utility.” The International Emergency Management Society, 5th Annual Conference. George Washington University, May 1998.
- “Neighborhood-based Organizations as Catalysts for Earthquake Preparedness.” Invited speaker for the International Association for Seismology and the Earth’s Interior (IASPEI). 29th Annual Congress. Thessaloniki, Greece. August 1997.
- “Development of a Community Disaster Preparedness and Recovery Index (DPRI).” 22nd Annual Hazards Research and Applications Workshop. Denver, Colorado. July 1997
- “Community-Based Organizations and the Use of Drills and Simulations to Promote Earthquake Preparedness.” 2nd Annual Caribbean Conference on Natural Hazards and Disasters. Kingston, Jamaica. October 1996.

"Earthquake Drills and Simulations: An Examination of Citizen-based Drills in the San Francisco Bay Area." 21st Annual Hazards Research and Applications Workshop, Denver Colorado, July 1996.

"Unconventional Neighborhood Building: The Use of Community Based Disaster Preparedness Programs." ACSP/AESOP Conference, Toronto Canada, July 1996.

"Local Initiatives for Disaster Preparedness: A Look at Recent Program Development in the San Francisco Bay Area." ACSP Conference, Philadelphia, PA, October 1993.

"Earth, Fire, and Water: An Examination of the Recovery from the Loma Prieta Earthquake, Hurricane Hugo, and the Oakland Hills Fire." ACSP, Columbus, Ohio, October 1992.

"Community Response to Earthquake Hazard Information: the Presence and Utility of Neighborhood Organizations in the Bay Area." 17th Annual Hazards Research and Applications Workshop, Boulder Colorado, July 1992.

"Disaster Planning and Earthquakes: Approaches for Preparation and Response." ACSP/AESOP International Congress, Oxford, U.K., July 1991.

Land Use and GIS

Invited Panel Discussant "Brownfields, Infill and Urban Redevelopment." ACSP 2000

"Social Equity and Land Use," Invited Panelist. ACSP 1998. Pasadena, California, November 1998.

"Land Use Planning Techniques for Natural Hazards." TX APA Conference, Galveston, Oct 1997.

Invited Panel Discussant: "Self Organizations in Complex Systems," American Society of Public Administration, Symposium, U.C. Berkeley, July 1993.

"Land Use Triggers and Institutional Response: A Conceptual Model for Impact Resolution Strategies." ACSP Conference, Columbus, Ohio, October 1992.

"Implementing GIS for Growth Management: The Problem of Technological Innovation." (with Judith Innes) ACSP/AESOP International Planning Congress, Oxford, U.K., July 1991.

"Building Usable GIS for Growth Management: Interactive Strategies for Design and Coordination." Urban and Regional Information Systems (URISA) Conference, San Francisco, August, 1991

Pedagogy and Practice

“Status of Women Practitioners and Academics in the Planning Profession.” Marilyn Sommer and David M. Simpson. Paper presentation at the Association of Collegiate Schools of Planning (ACSP) 43rd Annual Conference, Nov. 8-11, 2001. Cleveland, Ohio.

Panel Chair, “Education and Materials: General Public.” Asian Pacific Economic Council (APEC), Workshop on Dissemination of Disaster Mitigation Technologies for Humanistic Concerns. Taipei, Taiwan. June 18-21, 2001.

Alice Jones and David Simpson. “PLAN is a four-letter word: Assessing Planning Education Needs in a Hands-Off-My-Land State.” ACSP 2000. Atlanta, GA.

Invited Panel Discussant “Teaching service learning” ACSP 2000.

Invited Panel Facilitator: ACSP 1997: “Idea Exchange: Teaching Doctoral Students to Teach.” Ft. Lauderdale, Florida, November 1997.

Invited Facilitator and Panelist- ACSP 1994 Workshop: "Teaching-Planning-Learning."
A six hour workshop organized by Rick Willson to promote better teaching in the planning field. ACSP Conference, Phoenix, Arizona, 1994.

Mediation and Dispute Resolution

Panel Chair, “The Changing Climate for Industrial Relations.” 22nd Annual Southern Industrial Relations and Human Resources Conference. Louisville, KY: October 4-6, 2001.

“Mediation Workshop” April 1998. Co-developed and taught with Dr. Linda Putnum. Developed as a 2-day workshop for the Texas A&M Bush School of Government and Public Service.

“Conflict Management Techniques and Mechanisms.” July 1998. Invited Speaker for the Texas Agricultural Extension Agent Conference on Conflict Management for Water Disputes. College Station, Texas: Bush School of Govt. and Public Service.

Poster Presentations

Simpson, David M. “Leisure, Access to Green Space and Health.” Poster Presentation for the Association of Collegiate Schools of Planning (ACSP) 43rd Annual Conference, Nov. 8-11, 2001. Cleveland, Ohio.

Woodward, Lucinda E, David M. Simpson, Peter R. Galvin, Paul Salmon, and Sandie Sephton. “Green Space and Health: Fibromyalgia Patients and the Psycho-Social Benefits of Parks and Recreation.” Poster Presentation for the Association of American Geographers, 97th Annual Meeting, February 27-March 3, 2001, NY, New York. Abstract published in the AAG Abstract Volume 2001, p.1025, published by the Association of American Geographers, 2001.

Teaching Experience

Full Professor, University of Louisville (Assist. 1999-2005, Assoc. 2006-2012, Full 2012-)

Teaching responsibilities for the BA in Sustainability, Masters of Urban Planning, Masters of Public Administration, and PhD in Urban and Public Affairs, including advising and chairing of student Graduate committees. Courses taught include: Environmental Policy, Environmental Policy and Natural Hazards; Introduction to Sustainability; Human-Canine Interaction (+ honors section); Land Use Planning; Dispute Resolution for Planning and Public Policy; Professional Practice for Urban Planners; Planning Theory; and Doctoral Research Methods.

Assistant Professor, Texas A&M University (1995 to 1999)

Primary teaching and advising responsibilities in the Masters of Urban Planning curriculum. Taught the following courses: Land Use Planning (undergraduate), Research Design and Methods (graduate) Dispute Resolution for Planning and Public Policy (graduate); Comprehensive Planning and Plan Implementation (graduate); Information and Communication for Planners (graduate); Introductory Geographic Information Systems (GIS) (graduate-- co-taught)

Adjunct Faculty, San Francisco State University (Fall 1994)

Taught core undergraduate Urban Studies course, cross-listed with History, covering history of urban development, major events and topics in urban history, and contemporary urban planning issues.

Instructor/co-developer (w/Judith Innes) CP298X: Teaching Methods & Techniques. UC Berkeley.

PhD-level seminar to teach instructional techniques, course preparation, and similar (Spring 1993).

Senior Graduate Student Instructor, U.C. Berkeley, CP110: Intro. to City and Regional Planning.

Primary undergraduate planning course. Taught by: Karen Christensen. Responsible for: weekly discussion section 35 students; grading assignments/exams; class administration (Spring 1994).

Graduate Student Instructor, U.C. Berkeley for CP206: Planning Institutions and Organizations.

Graduate level course taught by Karen Christensen. Fall 1993.

Senior Graduate Student Instructor, CP110: Intro to City and Regional Planning. 1993. 1992

Primary undergraduate planning course. Taught by: Karen Christensen.

Senior Graduate Student Instructor, CP110: Intro, City and Regional Planning. Fall, Spring 92

Graduate Student Instructor, CP110 City and Regional Planning. Fall 1990, 1991, Spring 1991.

University Service

University of Louisville

UofL appointee - Advisory Committee for LouMetro Comp Plan update (2016-2018)
Advisory Board- National Historic Trust 3-year Louisville "Green Lab" project (2015-2018)
UofL representative, Louisville Rockefeller 100 resilient cities program (2016-2019)
Advisory Board- UofL Logistics & Distribution Institute (2008-current)
University Faculty Grievance Officer (2007-2010)
Director, Center for Hazards Research (2003-2011, Executive Director 2011-)
Director, Masters of Urban Planning Degree Program (2006-)
University Faculty Research Advisory Council (current)
Provost Advisory and hiring Committee for Univ Ombuds position (2016-17)
Faculty Senate (2010, re-elected 2013, re-elected 2016- current)
Faculty Senate, Executive Committee (2016-current)
Review Panel for Grawemeyer Award in World Order (2014)

Ad Hoc Provost Committee on Summer School (Fall 2014)
Ad hoc EVPRI committee on Distinguished and University Scholars
Pilot Program for Chairs Business Operations Training (2015)
UofL SACS accreditor pool (appointed 2014)
College of A&S Committee on Committees (2011-2014, Chair 2013-14)
College of A&S, Review Committee for Research Award (2015)
College of A&S- Ad hoc committee on Shared Business Services (20
Acting Director, Masters of Public Administration Degree Program (Fall 2008)
Adhoc University Grievance Review Committee (Fall 2008)
University Liaison, Metro Louisville All Hazards Planning Project (2004-)
Advising Committee member, to VP for Research on Homeland Security Efforts (2003-9)
College of Business and Public Admin., Technology Committee (1999-2006)
College of Business and Public Admin., Student Awards and Scholarships (2003-2006)
Dept. of Urban and Public Affairs, Personnel Committee (2006- 2009)
Dept. of Urban and Public Affairs, Chair, Faculty Search Committee (2006)
Dept. of Urban and Public Affairs, NASPA Re-accreditation Committee (2003-2004)
Dept. of Urban and Public Affairs, Chair, Ad-hoc Committee for Course Evaluation
Redesign (2001)
Dept. of Urban and Public Affairs, MUP Admissions (1999- present)
Dept. of Urban and Public Affairs, PhD Admissions (1999-2006)
Dept. of Urban and Public Affairs, Methods exam committee (2000,2001,2007-2012)
Dept. of Urban and Public Affairs, PhD Comp track, Urban Planning & Devel (2002-2012)
Urban Studies Institute, Search Committee, Tier I Tech (2001)

Texas A&M University

Founding Member, Conflict & Dispute Resolution Program, Bush School (1997-1999)
Appointed, Provost Review Panel for Scholarly and Creative Activities (1998)
Masters of Urban Planning, Program & Policy Committee (1996-1999)
College of Architecture Computer Resources Committee
Urban and Regional Science PhD Program Committee
Urban and Regional Science PhD Admissions Committee
PhD Candidate Committee Chair (2), member (10)
MUP Candidate Committee Chair (15), member (26)
Appointed, Transportation Faculty Search Committee (1998)
Appointed, Land Use Faculty Search Committee (1998)
Appointed, Hazard Center Director Search Committee (1996)
Appointed, Department Head Search Committee (1997)
Hazard Center Speaker Series Coordinator 1996-1997
Advisor, The Association of Student Planners (APA Student Chapter)
Advisor, The New Planner, 1996-1998 (National APA Student Publication)

U.C. Berkeley

PhD Admissions Committee, DCRP, Student Committee Member, 1992-93
Chair, DCRP, Planning Student's Association (PSA): 1991-92
PhD Representative, Planning Student's Association: 1990-91
Student Representative, DCRP Faculty Meetings: 1991-92
College of Environmental Design (CED) Student Council: 1991-92
Student Rep., College of Environmental Design, Committee on Courses, 1991-92

Grants and Funding (total > \$10 million)

2018	\$90,000	FEMA, KyDEM PDM Hazard Mitigation Grant 24mo
2017	\$28,840	Ky Real Estate Commission , Real Estate Education programming. 12mo
2016	\$24,000	Ky Real Estate Commission , creating Real Estate online programming. 12mo.
2015	\$15,000	Ky Real Estate Commission , Real Estate Education programming. 12mo.
2014	\$17,975	NADO , Technical Assistance Grant. 12 mo.
2014	\$74,618	FEMA/KyDEM , University of Kentucky mitigation plan (PDM/FMA). 18mo.
2014	\$15,839	Ky Real Estate Commission , Real Estate Education programming. 12mo.
2013	\$265,000	HUD . Renewal, Community Water Resource Management & Infrastructure Planning, w/ UofL Center for Environmental Policy and Management. 24 mo.
2012	\$ 75,000	FEMA/KyDEM, Co-PI . Louisville Metro Mitigation Plan. 18 mo.
2012	\$ 67,000	FEMA/KyDEM, Co-PI , Ky State University (KSU) Mitigation Plan. 18 mo.
2012	\$ 15,000	FEMA, Co-PI , Soil Engineering Contract. 12 mo.
2012	\$129,000	FEMA, PI , State Hazard Mitigation Plan Update, 18 mo.
2011	\$400,000	HUD , Collaborator, Community Water Resource management and Infrastructure Planning, w/ UofL Center for Environmental Policy and Management. 24 mo.
2011	\$110,000	FEMA, PI Lexington- Fayette Co. Mitigation Plan. 12 mo.
2011	\$500,000	EDA- Econ Dev Agency, PI , Creation of Ky Disaster Recovery Council, 18 mo.
2010	\$300,000	FEMA, PI , National RISK MAP program, Kentucky region 12 mo.
2009	\$120,000	FEMA, PI , KCTCS Hazard Mitigation Plan, 18 mo.
2008	\$525,000	FEMA, PI , State Hazard Mitigation Plan Update, PI 2yr
2008	\$4 mil	DHS, Co-PI , Pandemic Flu Planning, Community state of the art planning model, 3 yr
2007	\$45,000	Center for Disease Control, PI , Healthcare Vulnerability Assessment 12 mo.
2007	\$39,000	Ky Div of Water, PI , Floodplain Permitting process. 6 mo
2007	\$50,000	Citizens for Rail Safety,PI , Grade Crossing Safety Study- 6 months
2007	\$10,000	UofL OVPR, Co-PI , IRIG-MRG. Children Displaced Following a Disaster 12 mo
2006	\$120,000	FEMA-PDM, PI , University Mitigation Planning (University of Kentucky)
2006	\$45,000	Citizens for Rail Safety, PI , Hazardous Spills Data Mapping. 6 mo.
2006	\$200,000	AwwRF, Co-PI , Water Conservation Behaviors, National and Regional models. 24 mo.
2006	\$65,000	Ky Div of Water, PI , Community Participation and Floodplain Education. 12 mo.
2006	\$80,000	Ky Div of Water, PI , Map Modernization for Floodplain Mapping. 6 mo.
2006	\$283,000	FEMA, PI , Statewide Hazard Mitigation Planning Grant. 18 mo.
2005	\$46,000	Lexington Fayette Urban Co.Government, PI , Nuclear Radiological Planning Grant
2005	\$45,000	FEMA, PI ,. All Hazards Web Portal Project. 8 mo.
2005	\$3,000	National Science Foundation, PI , Quick Response Grant- Search and Rescue Following Hurricane Katrina. 6mo.
2005	\$97,000	National Science Foundation, PI , Critical Infrastructure Failure - Katrina. 12 mo
2005	\$730,000	Department of Homeland Security. Co-PI . 24 mo. "Man-Portable Tactical Operations Center.
2004	\$132,000	FEMA. Co-PI . Disaster Resistant University (DRU) Grant. 18 mo.
2004	\$300,000	National Science Foundation. PI . 36 mo. "Measuring Cross-Community Disaster Preparedness and Resiliency: Theoretical and Practical Application Development."
2004	\$380,200	Department of Homeland Security. Co-PI . 12 months "Man-Portable Tactical Operations Center."
2004	\$225,000	Water and Energy Research Foundation (WERF) . Co-PI. 24 months. Emergency Communication with Local Government and Community.
2004	\$45,000	Kentucky Division of Water (DOW) . PI. 6 months. Community Flood proofing

2004	\$75,000	Lexington/Fayette Urban County Government. PI. 9 mo. Development of Hazard Mitigation Plan, including comprehensive risk assessments and vulnerability analysis.
2004	\$27,000	Kentucky Division of Water (DOW). PI. 4 months. Hydrological Digital Data Assessment for the State.
2003	\$2,580	National Science Foundation. Quick Response Grant. PI. "Examining Community Response to Hurricane Isabel: The Role of CERT Organizations." 6 months.
2003	\$9,900	University of Louisville, VP Office for Research. Competitive Enhancement Grant (CEG). 12 months. (June 2003-May 2004). Creating a demonstration project of an on-line Planning and Zoning Visualization technique for NSF resubmission.
2003	\$275,000	Federal Emergency Management Agency (FEMA), through the Kentucky Division of Emergency Management. 18 months. June 2003 start. "State-wide Hazard Vulnerability Analysis and Development of State Hazards Mitigation Plan."
2002	\$80,000	National Science Foundation. 12 months (began August 2002), with Dr. Steven Stehr, Washington State University. "The Dynamics of Multiorganizational Response: The Implementation of Disaster Assistance after 9/11."
2001	\$6,000	National Science Foundation and Univ. of Colorado, Boulder. Quick Response Grant. "Victim Identification and Assistance Following the Collapse of the World Trade Center Towers." with Dr. Steven Stehr, Washington State University.
1999	\$4,000	University of Louisville, V.P. Office for Research. An Examination of Community Training and Hurricane Evacuation and Warning Behavior. Awarded November 1999.
1998	\$50,000	Mid-America Earthquake Center, "Organizational Decision-making Models for Essential Facility Managers in the Mid-America Region." (Awarded January 1998)
1997	\$7,500	Texas A&M, Office of the Vice President for Research. Scholarly and Creative Activities Grant. "Pilot Study for Creation of Emergency Preparedness Index."
1996	\$2,700	Texas A&M, Office of Academic Programs: Development of an Honors Curriculum course for undergraduate planning education. (Land Use Planning).
1993	\$12,000	Aspen Institute- Non-Profit Sector Research Fund: Dissertation Fellowship.

Projects for the Improvement of Pedagogy

Texas A&M	1996	Received \$2,700 grant to develop Honors-level undergrad land use course	
	Berkeley	1992	Received \$1,500 grant from the Office of Graduate Studies to develop Workshop for Graduate Student Instructor (GSI) Training in Department.
		1992	Developed and Conducted Fall Workshop series for GSI training in DCRP.
ACSP	1993	Developed and Taught CP298X: Teaching Methods and Techniques (developed with Judy Innes), a PhD-level seminar designed to improve teaching skills of PhD candidates.	
	1993	Conducted the Fall GSI Training Workshop for the Department.	
	1997	Invited Facilitator: "Idea Exchange: Teaching Doctoral Students to Teach." ACSP, Ft. Lauderdale, Florida, 1997.	
	1994	Co-Facilitator and Panelist- ACSP 1994 Workshop: "Teaching-Planning-Learning." A six-hour pre-conference workshop to promote better teaching in planning. ACSP, Phoenix, Arizona, 1994.	

Professional Experience

Research-Based

Institute of Urban & Regional Development, UC Berkeley (1990-1992)
Research Associate, California Urban Futures Project

Texas Department of Agriculture (Summer 1988)

Marketing Department Intern

Center for International Development Research, Duke University (Fall 1986)

Research Assistant (with Dr. William Ascher)

Executive Office of the President, OMB (Summer 1986)

Policy Issue Analyst Intern: National Security Division, Air Force Branch

Institute of Policy Sciences and Public Affairs, Duke University (Spring 1986)

Research Assistant (with Dr. Sudir Shetty)

City of Albany, California (1992 to 1995)

Director of Disaster Planning

Responsible for all city and community disaster preparedness planning activity, including: city Operational and response plans; EOC activation plans; community training/education outreach; and interagency coordination. Developed Community Preparedness program.

Office of the County Administrator, Tarrant County (Nov 89 to Aug 90)

Assistant County Administrator

Responsible for attempted creation of special district to control crime; responsible for all criminal justice policy issues; analyzed and reported to County Commissioners on special issues, wrote/assisted grants bringing over \$300,000 for new criminal justice programs.

County Judge's Office, Tarrant County (June 89 to Nov 89)

Legislative Consultant/Issues Analyst

Impact analysis of state criminal justice legislation; researched, analyzed, reported issues involving special district taxing, alcoholic beverage regulation, precinct road funds, county emergency medical services.

Texas Department of Agriculture (Sept 88 to June 89)

Legislative Consultant/Issues Analyst

Analyzed, researched, recommended options for legislation/programs on rural development policy, agricultural financing, and projects related to rural capital availability.

Community and Professional Service

Bingham Fellow, Class of 2014, Leadership Louisville

Focus Louisville (2016), Leadership Louisville

National Academies of Science, Appointed Member, Disasters Roundtable

Steering Committee (2004-2007)

NSF Panel Reviewer (2005-current), CMS Directorate

NSF Review Panel for NSEER program (2004)

NSF Panel Reviewer, 2004, CISE/CMS directorates

NSF Site Review Team for Mid America Earthquake Center 7th Year Renewal (2004)

NSF Panel Reviewer, 2003, CMS and BSE Directorates

National SeaGrant Reviewer, 2003

EERI, Member, Social Science and Policy Committee, Subcommittee on Learning from Earthquakes (LFE) program. EERI (2002-2007)

Kentucky Governor's Council on Earthquake Risk Reduction (2000- 2005)
Strategic Leadership Council, Global Alliance for Disaster Reduction (2000-2006)
Board of Trustees, St. Francis Schools (2006-2013)
Board of Trustees, Chance School (2001-2003)
Ky Chapter of APA, Award Review Panel (2006-present)
Planning Accreditation Board, Visitor Site Pool (2010-present)
Volunteer, Ky Humane Society (2015-present)
Chair, Emergency Preparedness Task Force, Floodplain Management Committee
Louisville, Kentucky (2000-2005)
Editorial Board member, *Journal of Architecture and Planning Research*.(2001-present)
Historic Landmark Commission, Boardmember, City of Bryan, 1998-1999
Volunteer Mediator, Brazos County Dispute Resolution Center (1997-1999)
Volunteer Mediator, Texas A&M Student Conflict Resolution Center (1997-1999)
Brazos Co. Dispute Resolution Center Advisory Board (1997-1998)
Bryan Main Street Board (1997-1999)
Alameda County Emergency Manager's Association (1992-1995)
Berkeley Town and Gown Disaster Preparedness Committee (1991-1995)
Alameda Co. Fire Chief's Committee on Disaster Preparedness (1993-1995)
Oakland-Berkeley Community Task Force on the Firestorm (1991-1992)
Bay Area Network (BayNET)- Charter Board and Co-Chair (1994-1995)

Editorial

Board: *Journal of Architecture and Planning Research,*
Journal of Contemporary Urban Affairs

Reviewer

for: *Disasters, Journal of Planning Literature, Journal of the American Planning Association,*
Journal of Architecture and Planning Research, Journal of Planning Education Research,
Journal of Homeland Security and Emergency Management, Natural Hazards, iPubMed
Journals, and others