

**GEORGE OLIVER ROGERS**

Landscape Architecture and Urban Planning  
 College of Architecture  
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**ACADEMIC CREDENTIALS**

- Ph.D., Dept. of Sociology**, University of Pittsburgh, Pittsburgh, PA, Dissertation Title: Toward a Sociology of Risk: Values, Experience, Perceived and Acceptable Risk, April 1983. (Cited by 6 as of 22 Oct 2013)  
**M.A., Dept. of Sociology**, University of Waterloo, Ontario, Canada, Thesis Title: Fertility and Crowding: Toronto, A Case in Point, August 1976.  
**B.S., (Honors), Dept. of Sociology**, Business Minor, Oregon State University, Corvallis, OR, June 1975.

**PROFESSIONAL POSITIONS**

- 2000- **Professor**, Department of Landscape Architecture and Urban Planning, College of Architecture, Texas A&M University.  
 2001- **Program Coordinator**, Urban and Regional Science Program, Landscape Architecture and Urban Planning Department, College of Architecture, Texas A&M University.  
 1991- **Senior Research Fellow**, Hazard Reduction & Recovery Center, College of Architecture, Texas A&M University.  
 2003-2004 **Director**, Hazard Reduction and Recovery Center, College of Architecture, Texas A&M University.  
 2000-2003 **Department Head**, Department of Landscape Architecture and Urban Planning, College of Architecture, Texas A&M University.  
 1998-2000 **Interim Department Head**, Department of Landscape Architecture and Urban Planning, College of Architecture, Texas A&M University.  
 1994-1999 **Adjunct Associate Professor**, Department of Sociology, College of Liberal Arts, Texas A&M.  
 1991-2000 **Associate Professor**, Department of Landscape Architecture and Urban Planning, (the Dept. of Urban and Regional Planning, 1991-1993), College of Architecture, Texas A&M University.  
 1990-1991 **Research Staff I**, Hazard Management Group, Integrated Analysis Section, Energy Division, Oak Ridge National Laboratory.  
 1987-1990 **Research Associate III**, Hazard Management Group, Integrated Analysis Section, Energy Division, Oak Ridge National Laboratory.  
 1987 **Adjunct Professor**, Department of Sociology, University of Tennessee, Knoxville, TN.  
 1985-1987 **Associate Director**, Risk and Emergency Management Program, University Center for Social and Urban Research, University of Pittsburgh.  
 1983-1986 **Lecturer/Instructor**, Dept. of Sociology, Univ. of Pittsburgh.

**SPECIALTIES:** Sustainability and Environmental Planning; Risk and Disaster; Science and Technology; Organizations and Social Structure; Quantitative Methods; Evaluation Research.

**TEACHING EXPERIENCE**Graduate

- Research Foundations (CARC-601) Texas A&M University
- Research Methods -- Survey Research (CARC-602) Texas A&M University
- Research Methods -- Evaluation Research (CARC-602) Texas A&M University
- Research Methods in Landscape Architecture (LAND 640) Texas A&M University
- Planning Techniques and Methods (PLAN-613) Texas A&M University

- Planning Technology and Change (PLAN-614) Texas A&M University\*
- Contemporary Urban Affairs (PLAN-615) Texas A&M University
- Risk Analysis and Hazard Management (PLAN-616) Texas A&M University\*
- Survey Design and Analysis (SOC-633) University of Tennessee

#### Undergraduate

- Sustainable Community (PLAN 414/URSC 460/URPN 460) Texas A&M University\*
- Technology and Social Change (SOC-3) University of Pittsburgh
- Social Statistics (SOC-20) University of Pittsburgh
- Understanding Statistics (SOC-23) University of Pittsburgh
- Urban Sociology (SOC-44) University of Pittsburgh
- Social Research Methods (SOC-730) University of Pittsburgh

### **PUBLICATIONS**

#### **On Siting and Sustainability**

- Rogers, George Oliver, Eric Bardenhagen, and Paula Lorente, under review, Limiting Disaster Assistance to Enhance Community Resilience, Resilience: International Policies, Practices and Discourses, Resubmitted March 2015.
- Rogers, George Oliver and Yunmi Park, under review, Development Process and Neighborhood Turnover, Urban Affairs Review, submitted September 2014.
- Park, Yunmi and George Oliver Rogers, under review, Impacts of Neighborhood Design and Context on Turnover, Journal of American Planning Association, Resubmitted March 2015.
- Rogers, George O. and Eric K. Bardenhagen, under revision, Natural and cultural Resource Valuation: A Place-Based, Resource-Driven Approach” Journal of Society and Natural Resources.
- Park, Yunmi, and George Oliver Rogers, 2014, Neighborhood Planning Theory, Guidelines, and Research: Can Area, Population, and Boundary Guide Conceptual Framing?, Journal of Planning Literature, 1-19, DOI:10.1177/0885412214549422.
- Rogers, George O., Jesse Saginor, and Theepakorn Jithitikulchai, (2013) Dynamics of lake-level fluctuations and economic activity, Journal of Environmental Planning and Management, <http://dx.doi.org/10.1080/09640568.2013.815608>.
- Rogers, George O. and Eric K. Bardenhagen, (2013) Valuing ecological resources through stakeholder participation, Open Journal of Ecology, Vol. 3, No. 5, 342-353.
- Sung, Chan Y., Ming Han Li, George O. Rogers, A. Volder, and Zhifang Wang, (2011) Investigating alien plant invasion in urban riparian forests in a hot and semi-arid region, Landscape and Urban Planning, Vol. 100, p278-286. (Cited by 9 as of 22 Oct 2013)
- Kweon, Byoung-Suk, Christopher D. Ellis, Pedro I. Leiva and George O. Rogers, (2010) “Landscape Components, Land Use and Neighborhood Satisfaction,” Environmental Planning B. Vol. 37, p 500-517\* (Cited by 8 as of 22 Oct 2013)
- Rogers, George O. and Sineenart Sukolratanamete, (2009) “Neighborhood Design and Sense of Community: Comparing Suburban Neighborhoods in Houston Texas,” Landscape and Urban Planning, Vol. 92, p. 325-334.\* (Cited by 16 as of 22 Oct 2013)
- Kweon, Byoung-Suk, Christopher D. Ellis, Sang-Woo Lee , and George O. Rogers, 2006, “Large-scale Environmental Knowledge: Investigating the Relationship Between Self Reported and Objectively Measured Physical Environments,” Environment & Behavior, Vol. 38 No. 1p. 48-71. \*(Cited by 23 as of 22 Oct 2013)
- Touché, George E. and George O. Rogers, 2005, “Environmental Equity and Electric Power Generation: Disparate Community Outcomes within Texas?” Journal of Environmental Planning and Management, Vol. 48, No. 6, p. 891-915.\* (Cited by 3 as of 22 Oct 2013)
- Rogers, G. O. and B. B. DeFee II, 2005, “Long-term Impact of Development on a Watershed: Early Indicators of Future Problems,” Landscape and Urban Planning, Vol. 73, 215-233.\* (Cited by 16 as of 22 Oct 2013)
- Rogers, G. O. and C. D. Ellis, 2001, “Water Resource Management in Texas Megacity: A Prima Facie Case for Comprehensive Resource Management,” in International Seminar on Nuclear War and Planetary Emergencies: 25<sup>th</sup> Session, R. Ragaini (ed) “E. Majorana” Centre for Scientific Culture, Erice, Italy, August 19-24, 2001. (Cited by 2 as of 22 Oct 2013)

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\* Developed course.

- Mileti, D. et al., 1999, Disasters by Design: A Reassessment of Natural Hazards in the United States, Joseph Henry Press, Washington, D.C. (Contributing Author).
- Rogers, G. O., 1998, "Siting Potentially Hazardous Facilities: What Factors Impact Perceived and Acceptable Risk?" Landscape and Urban Planning, An International Journal, 39(4), January 1998, p. 265-281. (Cited by 26 as of 22 Oct 2013)
- Rogers, G. O., 1995, "Environmental Racism or Inequity: A Comparative Study of Four Ethnic Groups," in Gail E. Thomas (ed.), Race and Ethnicity in America in the Twenty-First Century: Meeting the Challenge, NY: Taylor-Francis, Chapter 15, p. 187-204.
- Feldman, D. L., S. A. Carnes, and G. O. Rogers, 1989, "Intergovernmental Consultation and Coordination: Continued Protection of Public Health and Safety Through Public Accountability," Environmental Professional, Vol. 11, p. 409-421. (Cited by 4 as of 22 Oct 2013)
- Sorensen, J. H. and G. O. Rogers, 1989, "Chemical Fears: The Social Effects of the Disposal Program," Environmental Professional Vol. 11, p. 385-395. •
- Rogers, G. O. and M. Haines, 1987 "Local Impact of a Low-Security Federal Correctional Institution," Federal Probation Quarterly Vol. LI, No. 3, September, p. 28-34. (Cited by 18 as of Oct 2013)

### **On Perceived Risk**

- Rogers, George Oliver, in press, Risk Communication: A Review and Peek Ahead, in Handbook of Planning for Disaster Resilience, S. Van Zandt and W. Peacock (eds), NY: Routledge.
- Rogers, G. O., 1997, "The Dynamics of Risk Perception: How does perceived risk respond to risk events?" Risk Analysis, 17(6), December, p. 745-757. <sup>1</sup> (Cited by 84 as of 9 Oct 2012) Abstract republished in 1998 by Insurance: Mathematics and Economics, 22, 3, p. 292. (Cited by 3 as of 22 Oct 2013)
- Rogers, G. O., 1997, "Dynamic Risk Perception in Two Communities: Risk Events and Changes in Perceived Risk," Journal of Environmental Planning and Management, 40 (1), 59-79. • (Cited by 25 as of 22 Oct 2013)
- Rogers, G. O., 1992, "Aspects of Risk Communication in Two Cultures," International J. of Mass Emergencies and Disasters, Vol. 10, 437-464 . • (Cited by 8 as of 22 Oct 2013)
- Rogers, G. O., N. Hummon, and D. Strom, 1990, "A Preliminary Model of Radon Exposure," in New Risks: Issues and Management, L. Abbott et al. (eds.), New York: Plenum Press, p. 349-358. (Cited by 2 as of 22 Oct 2013)
- Hummon, N., L. Mauro, and G. O. Rogers, 1987, "Time Budget Analysis and Risk Management: Estimating the Probabilities of the Event Schedules of American Adults," Risk Assessment and Management, Lester Lave (ed.), New York: Plenum Press, p365-374. (Cited by 2 as of 22 Oct 2013)
- Rogers, G. O., 1987, "Public Recognition of Hazard," Uncertainty in Risk Assessment, Risk Management and Decision Making, V. T. Covello et al. (eds.), New York: Plenum, p. 103-116. (Cited by 7 as of 22 Oct 2013)
- Rogers, G. O., 1985, "On Determining Public Acceptability of Risk," Risk Analysis in the Private Sector, Chris Whipple and Vincent Covello, (eds.) New York: Plenum Press, p. 483-504. (Cited by 9 as of 22 Oct 2013)
- Rogers, G. O., 1984, "Residential Proximity, Perceived and Acceptable Risk," in Low-Probability/High-Consequence Risk Analysis, V. T. Covello and R. Waller, (eds.) New York: Plenum Press, p. 507-520. (Cited by 12 as of 22 Oct 2013)

### **On Disaster Planning and Preparedness**

- Bierling, David H. and George O. Rogers, under revision, Effects of Organizational Behavior on Information Selection in Planning Projects, Journal of Planning Theory and Practice.
- Rogers, George O., Gabriel R. Burns and Ralph Swisher, Author Review, Disaster Preparedness and Response in Disadvantaged Communities: Exploring the Subconscious Foundations of Emergency Behavior, Evaluation Research, (To be submitted 2011).
- Rogers, G. O., 1994, "The Timing of Emergency Decisions: Modelling Decisions by Community Officials During Chemical Accidents," J. of Hazardous Materials, Vol. 37, p. 353-373. (Cited by 18 as of Oct 2013)

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• Peer-reviewed.

- Sorensen, J., S. Carnes and G. O. Rogers, 1992, "An Approach for Deriving Emergency Planning Zones for Chemical Munitions Emergencies", J. of Hazardous Materials, Vol. 30, p223-242. (Cited by 19 as of 22 Oct 2013)
- Rogers, G. O., 1992, "Community Decisions During Chemical Emergencies" Proceedings of the National R&D Conference on the Control of Hazardous Materials, San Francisco, CA February 4-6, (p 163-166). •
- Rogers, G. O., 1992, "Community Decisions During Chemical Emergencies" Hazardous Materials Control, Vol. 5 No.4, p. 34-38. •
- Rogers, G. O., J. H. Sorensen, and A. P. Watson, 1992, "Protecting Civilian Populations During Chemical Agent Emergencies," in S. M. Sumani, (ed.) Chemical Warfare Agents, Academic Press, Inc., p. 357-386. (Cited by 7 as of 22 Oct 2013)
- Sorensen, J., Rogers, G. and M. Meador "Modelling Protective Action Decisions for Chemical Weapons Accidents," pp. 30-35 in J. Sullivan and B. Clymer (eds) Managing Risk with Computer Simulation. San Diego: Society for Computer Simulation, 1992. • (Cited by 1 as of 22 Oct 2013)
- Reed, J. H., G. O. Rogers, and J. H. Sorensen, 1991, "Establishing Functional Requirements for Emergency Management Information Systems," in proceeding of the Society for Computer Simulation Western Multi-Conference, January 23-25, Anaheim, CA, p. 168 - 175. •
- Rogers, G. O. and J. H. Sorensen, 1991, "Diffusion of Emergency Warning: Comparing Empirical and Simulation Results." In Risk Analysis Prospects and Opportunities, C. Zerros et al. (eds.), Plenum Press, New York, p. 117 - 134. • (Cited by 33 as of 22 Oct 2013)
- Rogers, G. O., J. H. Sorensen and J. A. Morell, 1991, "Using Information Systems in Emergency Management," in Advances in the Implementation and Impact of Computer Systems, J. Morell and M. Flescher (eds.) (cited by 1 as of 22 Oct 2013)
- Rogers, G. O. and J. H. Sorensen, 1991, "Adoption of Emergency Planning Practices for Chemical Hazards in the U. S." J. of Hazardous Materials, Vol. 27, No. 1, p. 3-26 (May). • (Cited by 11 as of 22 Oct 2013)
- Adler, V., J. Sorensen, and G. O. Rogers, 1989, "Chemical and Nuclear Emergencies: Interchanging Lessons Learned from Planning and Accident Experience," Proceedings of a Joint NEA/CEC Workshop on Emergency Planning in case of Nuclear Accident: Technical Aspects, OECD Nuclear Energy Agency and Commission of European Communities, Organization for Economic Co-Operation and Development. (Cited by 4 as of 22 Oct 2013)
- Rogers, G. O., J. H. Sorensen, J. F. Long, and D. F. Fisher, 1989, "Emergency Planning for Chemical Agent Releases," Environmental Professional Vol. 11, p. 396-408. Reprinted in Environmental Risks and Hazards, edited by Susan Cutter, Prentice Hall, Englewood Cliffs, NJ, (1994). •
- Rogers, G. O., 1989, "Communication of Emergency Warning: Cyclical Process Involving People and Technology," Disaster Management, Vol. 1, p. 23-32. • (Cited by 8 as of 22 Oct 2013)
- Rogers, G. O. and J. H. Sorensen, 1989, "Warning and Response in Two Hazardous Material Transportation Accidents in the U. S" J. of Hazardous Materials, Vol. 22, p. 57-74. • (Cited by 28 as of Oct 2013)
- Rogers, G. O., and J. Sorensen, 1988, "Diffusion of Emergency Warnings," Environmental Professional, Vol. 10, p. 281-294. •
- Sorensen, J. and G. O. Rogers, 1988, "Local Preparedness for Chemical Accidents: A Survey of U. S. Communities," Industrial Crisis Quarterly, Vol. 2, p. 89-108. • (Cited by 15 as of 22 Oct 2013)
- Sorensen, J., G. O. Rogers, and D. Fisher, 1988, "Public Alert and Warning Systems for Chemical Emergencies," Proceedings of the AIChE Hazardous Material Spills Conference. •
- Rogers, G. O., and J. Nehnevajsa, 1987, "Warning Human Populations of Technological Hazard," Radiological Accidents -- Perspectives and Emergency Planning, C. Chester et al. (eds.), Washington, D.C.: American Nuclear Society, p. 357-361. • (Cited by 6 as of 22 Oct 2013)
- Rogers, G. O., 1986, "Role Conflict in Crises of Limited Forewarning," J. of Applied Sociology, V. 3, p. 33-50. • (Cited by 6 as of Oct 2013)
- Rogers, G. O., 1985, "Community Response to Recurring and Nonrecurring Floods," Flood Hazard Management in the Government and Private Sector, Leslie A. Bond et al., (eds.) Univ. of Colorado, Institute for Behavioral Studies, Boulder, CO, p. 60-66. •

#### **RESEARCH REPORTS (Major Contributor)**

Rogers, George O., Georgianne W. Moore, Jesse Saginor, Sam D. Brody, Gabriel R. Burns, Theepakorn Jithitikulchai and Travis Young, 2012, Impact of Lake-level Reductions on Lake Conroe Area: Lake Area

- Property Values, Property Tax Revenues and Sales Tax Revenues, Prepared for Montgomery County Texas, Hazard Reduction and Recovery Center, Texas A&M University, College Station, TX.
- Rogers, George O. and Gabriel R. Burns, 2010, Disaster Preparedness and Response in Disadvantaged Communities: Exploring the Subconscious Foundations of Emergency Behavior, Final Report for the Federal Emergency Management Agency, Department of Homeland Security, June (61 pages).
- Rogers, George O., David H. Bierling, Annie Protopapas, Deborah Jasek, Jeffrey E. Warner and Leslie E. Olsen 2010, Hazardous Materials Commodity Flow Data and Analysis, Final Project Report, Hazardous Materials Cooperative Research Program, Transportation Research Board, The National Academies, May (346 pages).
- Bierling, David H., George O. Rogers, Deborah Jasek, Anna Protopapas, Jeffrey E. Warner and Leslie E. Olson, 2011, Guidebook for Conducting Local Hazardous Materials Commodity Flow Studies, Hazardous Materials Cooperative Research Program, Transportation Research Board, The National Academies, (184 pages).
- Rogers, George O. and David H. Bierling, 2009, Hazardous Materials Commodity Flow Surveys: Interim Report on Current Practices by Local Emergency Planning Committees, TRB, The National Academies, May.
- Lindell, M. K., G.O. Rogers, C. S. Prater, W. G. Peacock, D. Bilbo and D. E. Wenger, 2005, Protective Response to Air Attack on the Capitol Hill Complex, Hazard Reduction and Recovery Center, Texas A&M University, for the U. S. Capitol Hill Police, Office of Emergency Management.
- Olsen, Leslie E., George O. Rogers, Debbie Jasek, Curtis A. Morgan, David H. Bierling, and Jeffery E. Warner, 2005, Alternative Technologies to Railroad Tank Car Placarding, (HSTS02-04-C-MLS006), Texas Transportation Institute, Texas A&M University System, College Station, Texas 77843-3135, for Transportation Security Administration, U. S. Department of Homeland Security.
- Rogers, George Oliver, Environmental Justice Dimensions of Siting a Low-Level Radioactive Waste Disposal Facility in Texas, prepared in cooperation with the Texas Natural Resource Conservation Commission, 17 November 1997.
- Rogers, G. O., Jea-Guy Park, Jy-Pyng Sah, and Steven Eichner, 1996, Verification of the Protective Action Dosage Reduction Estimator (PADRE), for the Office of Technological Emergency, Federal Emergency Management Agency, and Program Manager for Chemical Demilitarization, U. S. Department of the Army, through the Hazard Management Group, Oak Ridge National Laboratory (April 26, 1996), Draft.
- Shumpert, B. L., A. P. Watson, J. H. Sorensen, G. O. Rogers, J. F. Long, Jr. and R. Brooks, 1995, Planning Guidance for the Chemical Stockpile Emergency Preparedness Program, for U. S. Department of the Army, Office of the Assistant Secretary, Installations, Logistics, and Environment and Federal Emergency Management Agency, Office of Technological Hazards, ORNL-6764.
- Rogers, G. O., R. Gonzalez, R. D. DeBose, P. R. Johnston, and J. Glaser, 1994, Las Colonias del Alto Rio Bravo: Baseline Conditions in Webb and El Paso Counties, Center for Housing and Urban Development, College of Architecture, Texas A&M University, College Station, Texas.
- Rogers, G. O., J. Glaser, P. Johnston, T. Black, A. Kamath, and R. Gonzalez, 1993, Cinco Colonia Areas: Baseline Conditions in the lower Rio Grande Valley, Center for Housing and Urban Development, College of Architecture, Texas A&M University, College Station, Texas.
- Rogers, G. O., B. L. Shumpert, and J. H. Sorensen, 1990, Description of Interview Data Regarding the Pittsburgh and Confluence Toxic Chemical Accidents, Oak Ridge National Laboratory, Oak Ridge, TN, ORNL/TM 11599. (Cited by 2 as of 22 Oct 2013)
- Rogers, G. O. and R. D. Sharp, Protective Action Evaluator for Chemical Emergencies: A User's Manual, for Department of the Army, Office of the Assistant Secretary, Installations, Logistics, and Environment, and Federal Emergency Management Agency, Office of Natural and Technological Hazards, ORNL-TM-11594.
- Rogers, G. O., A. Watson, J. Sorensen, R. Sharp, and S. Carnes, 1990, Evaluating Protective Actions for Chemical Agent Emergencies, for Program Manager for Chemical Demilitarization, and Federal Emergency Management Agency, ORNL-6615 (Cited by 43 as of 22 Oct 2013).
- Carnes, S. A., J. S. Sorensen, G. O. Rogers, B. L. Shumpert, R. L. Miller, A. P. Watson, and C. V. Chester, 1989, Emergency Response Concept Plan for Aberdeen Proving Ground and Vicinity, (ORNL/TM11096), Also for: Anniston Army Depot, (ORNL/TM11093), Lexington-Blue Grass Army Depot, (ORNL/TM11099), Newport Army Ammunition Plant, (ORNL/TM11095), Pine Bluff Arsenal, (ORNL/TM11092), Pueblo Depot Activity, (ORNL/TM11098), Tooele Army Depot, (ORNL/TM11094), Umatilla Depot Activity, (ORNL/TM11097), for the Program Manager for Chemical Demilitarization.

- Zimmerman, G. P. et al., 1989, Disposal of Chemical Agents and Munitions Stored at Tooele Army Depot, Tooele, Utah--Draft Environmental Impact Statement, for the U. S. Department of the Army, Program Manager for Chemical Demilitarization. (Final August 1989)
- Hunsaker, D. B Jr. et al., 1989, Disposal of Chemical Agents and Munitions Stored at Anniston Army Depot, Anniston, Alabama--Phase I Environmental Report, for the U. S. Department of the Army, Program Manager for Chemical Demilitarization.
- Zimmerman, G. P. et al., 1988, Disposal of Chemical Agents and Munitions Stored at Tooele Army Depot, Tooele, Utah,-- Final Phase I Environmental Report for the U. S. Department of the Army, Program Manager for Chemical Demilitarization.
- Carnes, S. A. et al., Program Executive Officer--Program Manger for Chemical Demilitarization, 1988, Chemical Stockpile Disposal Program Final Programmatic Environmental Impact Statement, (January) Aberdeen Proving Ground, MD.
- Sorensen, J., G. O. Rogers and W. Clevenger, 1988, Review of Public Alert Systems for Emergencies a Fixed Chemical Facilities, Oak Ridge National Laboratory Report ORNL/TM-10825. (Cited by 4 as of 22 Oct 2013)
- Rogers, G. O. and C. Chester, Assessing the Energy Emergency Exercise Program: An Evaluation of and Conceptual Framework for Assuring Readiness (DRAFT), Office of Energy Emergencies, Dept. of Energy, 1988.
- Sterling Hobe Corporation, 1988, Test and Exercise (T&E) Planning Manual for the Office of Energy Emergencies, U. S. Department of Energy, Office of Energy Emergencies, Dept. of Energy, ORNL/Sub/87-SA705.
- Rogers, G. O., 1986, Local Impact of a Low-Security Federal Correctional Institution, Federal Bureau of Prisons.
- Rogers, G. O., 1986, Summary Report, NATO Civil Defense Committee, Symposium on Public Information, UCSUR, Univ. of Pittsburgh.
- Rogers, G. O., 1985, Human Components of Emergency Warning, Planning Report, UCSUR, Univ. of Pittsburgh, Pittsburgh, PA. (Cited by 18 as of 22 Oct 2013)
- Rogers, G. O., and J. Nehnevajsa, 1984, Behavior and Attitudes Under Crisis Conditions: Selected Issues and Findings, Federal Emergency Management Agency, Government Printing Office. (Cited by 12 as of 22 Oct 2013)
- Rogers, G. O., 1980, Presidentially Directed Relocation: Compliance Attitudes, Federal Emergency Management Agency, Washington, DC. (Cited 2 as of 22 Oct 2013)
- Doreian, P., N. Hummon, D. Musa, and G. O. Rogers, 1978, The Regional and Sectoral Mobility and Response Characteristics for Engineering and Scientific Labor Force in 1968 to 1974, IRITS, Univ. of Pittsburgh, Pittsburgh, PA.

## FUNDED RESEARCH

- |           |  |
|-----------|--|
| 2014-2015 | “Hazardous Materials – Commodity Flow Surveys for Local Emergency Planning and Hazmat Emergency Operations Plans Review”, Texas Department of Public Safety—Division of Emergency Management, co-PI with David Bierling (\$47k + \$20k supplement)                 |
| 2010-2011 | “Economic Impact of lake-level Reductions on Lake Conroe Area: Lake Area Property Values, Property Tax Revenues, and Sales Tax Revenues,” Montgomery County, Texas, Principal Investigator with S. Brody, G. Moore, and J. Saginor (Co-PIs) (\$142K).              |
| 2007-2009 | “Local Hazardous Materials Commodity Flow Data and Methodology Guidance,” HMCRP, Transportation Research Board of the National Academies, Principle Investigator with David Bierling Co-PI, (\$300k).  |
| 2007-2009 | “Developing a Model Framework for Storm Recovery Planning In Coastal Properties of the National Park Service: A Dynamic Hierarchical Assessment Process for Natural, Cultural and Historical Resources,” Principle Investigator, National Parks Service, (\$130k). |
| 2007-2008 | “Associative Group Analysis in Support of the Emergency Preparedness Demonstration Project,” MDC, Inc., and FEMA, Principal Investigator (\$57k).  |
| 2005-     | “Research Planning Support: EPD Program,” Federal Emergency Management Agency, Department of Homeland Security, Principal Investigator (\$50k).  |
| 2005      | “Capital Hill Project---Air Response,” U. S. Army Corp of Engineers, Baltimore, Principal Investigator (\$45k).  |

- 2004 "Placard Alternative Technology Project," Transportation Security Administration, Department of Homeland Security, Co-Principal Investigator (\$95k)
- 1997-1998 "Review of The Socioeconomic Issues Associated with the Disposal of Low-Level Radioactive Waste," Texas Natural Resource Conservation Commission, Principal Investigator (\$50k).
- 1995-1996 "Verifying the Human Components of PADRE," Oak Ridge National Laboratory, and the U. S. Army, Principal Investigator (\$30k).
- 1995 "Rio Grande Valley Empowerment Zone Benchmarks and Evaluation Plan," to Rio Grande Valley empowerment Zone, Principal Investigator (\$55k).
- 1993-1994 "Survey of Main Racial and Ethnic Groups in Texas," Interdisciplinary Program, Provost for Research, Texas A&M University, Co-Principal Investigator (\$25k).
- 1993-1994 "Perceived Risk and Response to Emergency Events: A Chemical Fire in Odessa, Texas" to National Science Foundation, Decision, Risk, and Management Science, Principal Investigator (\$35k).
- 1992-1997 "Evaluation of Interventions in Las Colonias to Improve Service Delivery" to College of Architecture (Las Colonias Effort), Texas A&M University, Principal Investigator (\$25-\$70k per year).
- 1991-1994 "Public Risk Acceptance: Strategies for Technological Development" to Advanced Research Program, Texas Higher Education, Coordinating Board, Principal Investigator (\$90k)
- 1991-1992 "Accepting Energy Production Risks: From Incentives to Regulation and Compensation to Control" to Center for Energy and Mineral Resources, Texas A&M University, Principal Investigator, (\$25k).
- 1988-1990 "Evaluating Protective Actions for Chemical Agent Emergencies," Program Manager for Chemical Demilitarization, U. S. Department of the Army, Aberdeen Proving Ground, MD, Principal Investigator, (\$450k).
- 1987-1990 "NEPA Documentation and Emergency Management for the Chemical Stockpile Disposal Program," Program Manager for Chemical Demilitarization, U. S. Department of the Army, Aberdeen Proving Ground, MD, Participant (approx . \$5 million).
- 1986-1987 "Social and Behavioral Analysis and Emergency Management--Preparation for and Participation in NATO Civil Defense Committee Symposium," Federal Emergency Management Agency (FEMA), Principal Investigator, (\$75k).
- 1985-1987 "Social and Behavioral Analysis and Emergency Management--Expansion of Emergency Management Official Survey," FEMA, Co-Principal Investigator, (\$300k)
- 1985-1987 "Local Impact of a Federal Low-Security Prison: I. Early Economic Impact, II. Continued Economic Impact, and III. Community Burden," Federal Bureau of Prisons, Loretto, PA, Principal Investigator, (10k).
- 1984-1987 "A Comparison Study of Role Conflict in Crises of Limited Forewarning," Univ. of Colorado National Science Foundation and the National Institutes for Mental Health (NSF/NIMH), Principal Investigator, (\$1k).
- 1982-1987 "Social and Behavioral Analysis in Civil Defense and Emergency Management," FEMA, Washington, DC, Project Manager , (\$1.5 million).
- 1983-1985 "Role Conflict in Crises of Limited Forewarning," Univ. of Colorado (NSF/NIMH), Principal Investigator, (\$2.5k).

### **Recent Research Proposals**

- "Growing Food Security to Adapt to Changing Climates in Central Texas: Raising Sustainable Farmers and Linking Production to Urban Food Deserts" 2012, U. S. Department of Agriculture, AFRI King, Stephen R., PI, P. Lillard, H. Connett, A. Smiley, J. Stewart, M. Tucker, S. Quiring, a. Borron,, W. Heyman, J. Masabni, and G. Rogers Co-PIs, , (\$5 million 5-year). Pending.
- "Valuing Cultural and Natural Park Resources: Tools for Climate Change Planning and Response," 2010, National Park Service Climate Change Response. George Rogers, PI and. Tazim Jamal Co-PI, Eric Bardenhagen, Blanca Camargo, Research Assistants. \$759,000. Unfunded.

### **PRESENTATIONS (Selected)**

- Rogers, George O., 2014, Risk Communication: A Review and a Peek Ahead, Hazard Reduction and Recovery Center's, 25th Anniversary Symposium, April 5, 2014.

- Rogers George O., and E. Bardenhagen, 2014, Valuing Ecological Resources Through Stakeholder Participation, University of Oregon, 5 March, 2014.
- Rogers, George Oliver, Georgianne W. Moore, Jesse Saginor, and, Samuel D. Brody, 2014, Impact of Lake-Level Reductions on Lake Conroe Area, April Sound Men's Club, 20 February 2014.
- Rogers George O., and E. Bardenhagen, 2014, Valuing Ecological Resources Through Stakeholder Participation, University of California at Irvine, 16 January 2014.
- Rogers, G., 2011 "Economic Impact of lake-level Reduction on lake Conroe Area: Lake Area Property Values, Property Tax Revenues and sales Tax Revenues (A progress Report)," Natural Built Virtual '11, College of Architecture, 24 Oct.
- Rogers, G. and E. Bardenhagen, 2011, "Natural and cultural resource valuation: A Place-based, resource-driven approach," ACSP, Salt Lake City Utah, 15 Oct. Not given due to death in family.
- Bardenhagen, E. and G. Rogers, 2011, "Storm Recovery Planning: Using scientific tools to guide recovery in the context of sea level rise," George Wright Society Conference, 15 Mar, New Orleans.
- Rogers, George O., 2009, Sustainability: Human dimensions of survival, Environmental Issues Committee, Texas A&M, 10 Nov.
- Bardenhagen, E., and G. Rogers, 2009, Improving Decision Information through Multi-dimensional Resource Valuation Parks. American Collegiate Schools of Planning Conference. Crystal City, VA, 1-4 October.
- Bardenhagen, E., Rogers, G., Borrelli, M., 2009, Storm Response and Recovery in Ocean and Coastal Parks. George Wright Society Biennial Conference. Portland, Oregon, 2-6 March.
- Rogers, George O., 2009, Uncanny Wisdom: Getting Beyond Sustainability to a Thriving Future, Emerging Green Builders, Texas A&M, 18 Feb.
- Bardenhagen, E., Rogers, G., Borrelli, M., 2009, The Cape Lookout National Seashore Storm Recovery Plan. (Poster) George Wright Society Biennial Conference. Portland, Oregon, 2-6 March.
- Rogers, George Oliver, Paula Lorente, Eric Bardenhagen, Gabriel R. Burns, Himanshu Grover, Blake Godkin, 2009, Limiting Disaster Assistance to Enhance Community Resilience, Resilience in the 21st Century - HRRC 20th Anniversary, College Station TX, Jan 30.
- Bardenhagen, E., Rogers, G., Borrelli, M., R. Kaiser, (2009). The Cape Lookout National Seashore Storm Recovery Plan. (Poster), Resilience in the 21st Century - HRRC 20th Anniversary, College Station TX, Jan 30.
- Bardenhagen, E., and Rogers, G., 2008, Storm Recovery Planning for Cape Lookout National Seashore: Using Multi-Dimensional Valuation to Assess Resource Priorities. PIANC Gulf Coast Hurricane Preparedness, Response, Recovery and Rebuilding Conference, Mobile, AL, Nov 11-14.
- Bierling, D. and G. Rogers, 2008, Hazardous Materials Commodity Flow Data and Analysis, National Association of SARA Title III Program Officials, Las Vegas, NV, Nov. 7.
- Burns, G. and G. Rogers, 2008, Enhancing Communication and Hazard Resiliency in Disadvantaged Communities: Linking Patterns of Free Response to Underlying Cultural Meaning. Hazard Specialty Group, Association of American Geographers, Boston Massachusetts, April.
- Rogers, George Oliver, 2008, Building Resilience: Before, During and After the Event, Hurricane Preparedness and Recovery Workshop, Rice University, Houston Texas, 27 October.
- Rogers, G. O., 2008, "Focus the Nation Roundtable, Texas A&M University, 31 Jan.
- Rogers, G. O., 2007, "Development & Mitigation Banking, Department of Landscape Architecture and Urban Planning (LDEV 671 Sustainable Development), Texas A&M University, Mar 22.
- Rogers, G. O., 2007, "Sustainable Decision Processes, Environmental Interest Committee, Texas A&M University, 22 Mar.
- Rogers, G. O. 2007, "Society's Prime Function: Hazards, Risk, and Sustainability (and other stories worth telling)," Department of Sociology, Texas A&M University, College Station Texas, Feb. 16.
- Rogers, G. O., 2005, "Risk, Hazards & Sustainability," Hazards and Disaster Researchers Meeting, Boulder, Colorado, July 13-14.
- Rogers, G. O., 2004, "Sustainable Decision Processes," Symposium on Healthy Communities, Sponsored by Tsinghua University, Community Design Magazine, Texas A&M University, Beijing, China.
- Rogers, G. and B. DeFee II, 2004, Long-term Development of a Watershed: What determines when enough is enough?, Workshop 10: Reducing Future Flood Losses: The Role of Human Actions, Disasters Roundtable, National Academy of Science, Washington D.C.
- Rogers, G. O., 1997, "Health Risk and Equity" Seminar Presentation, George Bush School of Government, Texas A&M University, October 27, 1997, College Station, Texas.
- Rogers, G. O., 1997, "Quantitative Studies of Human Response to Risk and Hazard," a presentation to the Hazard Reduction and Recovery Center, Texas A&M University, January 30, 1997, College Station, Texas.



- Rogers, G. O., 1996, "Sustainability and Encroachment into the Hinterland in Southern Texas," Hemispheric Congress On Disaster Reduction and Sustainable Development, September 30 -October 2, 1996, Hosted by International Hurricane Center at Florida International University, in Miami, Florida.
- Rogers, G. O., 1996, "Determining the Effectiveness of In-place Protection During Chemical Emergencies," Federal Emergency Management Agency, Region VI, Hazardous Materials Emergency Response Workshop, September 24-26, 1996 -- Little Rock, Arkansas.
- Rogers, G. O. 1996, "Human Response to Technological Hazard," Faculty Abroad Seminar, Texas A&M University Center in Mexico City, June 20, 1996.
- Rogers, G. O. 1996, "Determining the Effectiveness of In-Place Protection for Chemical Agent Emergencies," for the 1996 National Conference, Chemical Stockpile Emergency Preparedness Program, for the Office of Technological Hazards, Federal Emergency Management Agency, and Program Manager for Chemical Demilitarization, U. S. Department of the Army, May 20-23, Seattle, WA.
- Rogers, G. O. 1996, "On Determining Effectiveness of In-Place Protection During Chemical Emergencies," A Shelter In Place Workshop for Calhoun County, Port Lavaca, TX, April 30.
- Rogers, G. O. 1996, "On Determining Effectiveness of In-Place Protection During Chemical Emergencies," A Shelter In Place Workshop for Victoria County, Victoria, TX, May 1.
- Rogers, G. O. 1995, "Perceived and Acceptable Risk: What the Public Believes about Risk Right Here in Bay City," A presentation to the community action panels and Local Emergency Planning Committee of Matagorda County, Bay City, TX, October 2.
- Rogers, G. O. 1995, "On Determining Effectiveness of In-place Protection During Chemical Emergencies," Protecting the Public: Protective Action During Chemical Emergencies, Charleston, West Virginia, September 20-21.
- Rogers, G. O. 1995, "Policy Implication of Social Survey in the Colonias of Texas," Bi National Colonias Conference, Austin, TX, May 5-6.
- Rogers, G. O. 1995, "*Vida en Las Colonias*: Policy Implication from Seven Community Surveys," Southwestern Social Science Association, Dallas, Texas, March 24.
- Rogers, G. O. 1995, "Social and Cultural Factors in Communicating Uncertainty," American Meteorological Society, Applied Climatology, Dallas, Texas, January 19.
- Rogers, G. O. 1994, "The Dynamics of Risk/Hazard Perception During Acute Technological Emergencies," Thirteenth World Congress of Sociology, International Sociological Association, Bielefeld, Germany, July 18-23.
- Rogers, G. O., 1994, "Empowering Colonia Residents: Policy Implications of Colonia Surveys", La Frontera of the 21st Century, the Rio Bravo Association and the Sixth Annual Mexico-Texas Higher Education Conference, Texas A&M University-Kingsville, April 7-9.
- Gonzalez, R., and G. O. Rogers, 1994, "Visual Reflections of a Vibrant People: Relating Visual and Survey Data in a Colonia" La Frontera of the 21st Century, the Rio Bravo Association and the Sixth Annual Mexico-Texas Higher Education Conference, Texas A&M University-Kingsville, April 7-9.
- Wenger, D., G. O. Rogers, and G. Vigo, 1993, "Emergent Behavior and Perceived Risk: Tenant Response to the Bombing at the World Trade Center," Society for Risk Analysis Annual Meeting, Savannah, Georgia, December 8.
- Rogers, G. O. 1993, "Perceived Risk and Response to Emergency Events: A Chemical Fire in Odessa, Texas" Society for Risk Analysis Annual Meeting, Savannah, Georgia, December 8.
- Rogers, G. O., 1993, "The Timing of Emergency Decisions: Modelling Community Decisions During Chemical Accidents," Mid-South Sociological Association, Montgomery, Alabama, October 28 - 30.
- Rogers, G. O., 1993, "Paradoxes in Institutional Confidence and the Regulation of Risk," Natural Hazards Workshop, Boulder, Colorado, July 11-14.
- Rogers, G. O., 1993, "Representing Neighborhood Conditions in Las Colonias: Evaluating Community Centers as Interventions," Third Annual Urban County Conference, Hidalgo County/Urban County Program, South Padre Island, Texas, May 14-15.
- Rogers, G. O., 1993, "The Public Dimension of Risk Vulnerability," United States-Pan American Partnership, organized by the Organization of American States, Memphis, Tennessee, May 5-6.
- Rogers, G. O., 1993, "Representing Neighborhood Conditions in Las Colonias: Aggregating Household Data," Borderlands Conference, Western Social Science Association, Corpus Christi, Texas, April 21-24.
- Rogers, G. O., 1992, "Perceived and Acceptable Risk," Society for Risk Analysis, San Diego, California, December 6-9.
- Rogers, G. O., 1992, "Lessons for Integrating Population-Protection with Emergency Management: Myths and Models" Trends in Community Chemical Emergency Management, Environmental Protection Agency, Governor's Division of Emergency Management, Austin, Texas, April 15.

- Rogers, G. O., 1992, "Evaluating Interventions to Improve Service Delivery in Las Colonias" Society for the Study of Social Problems, Pittsburgh, Pennsylvania, August 18-20.
- Rogers, G. O., 1992, "Implications of Decisions During Chemical Emergencies of Earthquake Preparedness," Poster Presentation, Earthquake Engineering Research Institute, San Francisco, California, February 6-8.
- Rogers, G. O., 1992, "Community Decisions During Chemical Emergencies" National R&D Conference on the Control of Hazardous Materials, San Francisco, California, February 4-6.
- Rogers, G. O., 1991, "Decision Making in Hazardous Materials Emergencies" Midwest Sociological Association, Des Moines, Iowa, April 11-14.
- Reed, J. and G. O. Rogers, 1991, "Perception of Risk: Disposing the Chemical Weapons Stockpile on Johnston Atoll" Pacific Science Congress, Honolulu, Hawaii, May 27-June 2.
- Kartez, J. and G. O. Rogers, 1991, "Lessons Learned from Disaster Research" Managing Health, Environment, and Safety in a Global Environment, 1991 Health, Environment and Safety Conference, Marathon Oil, Houston, Texas, October 11.
- Rogers, G. O., 1991, "Role Conflict and Disaster" 17th Annual Meeting of the Mid-south Sociological, Jackson, Mississippi, October 23-26.
- Reed, J. H., J. H. Sorensen, and G. O. Rogers, 1991, "Automated Decision Making for Evaluating Protective Actions in Chemical Emergencies," 1991, CAMEO Workshop, Washington, D. C., January 15-17.
- Reed, J. H., G. O. Rogers, and J. H. Sorensen, 1991, "Establishing Functional Requirements for Emergency Management Information Systems," Society for Computer Simulation Western Multi-Conference, Anaheim, California, January 23-35.
- Rogers, G. O., 1990, "Evaluating the Consequences of Protective Actions in Chemical Agent Emergencies for Environmenting Social Organizations," Society for the Study of Social Problems, Environmental Problems and Theoretical issues in the Study of Organizations, Washington, D.C., August.
- Rogers, G. O., 1990, "Evaluating Protective Actions for Chemical Agent Emergencies," ISA, XII World Congress of Sociology, Madrid, Spain, July.
- Adler, V., J. Sorensen, and G. O. Rogers, 1989 "Chemical and Nuclear Emergencies: Interchanging Lessons Learned from Planning and Accident Experience," Workshop on Technical Aspects of Emergency Planning, OECD Nuclear Energy Agency and Commission of European Communities, June.
- Rogers, G. O., 1989, "Society's Prime Function: Protection from External Threat," PDS CAPSTONE Seminar, Emergency Management Institute, Federal Emergency Management Agency, Emmitsburg, Maryland.
- Rogers, G. O., 1989, "Diffusion of Emergency Warning," Society for Computer Simulation, San Deigo, California, January.
- Rogers, G. O., 1989, "Community Preparedness for Chemical Emergencies: Where do we go from here?" Natural Hazards Research and Applications Workshop, Boulder, Colorado, July.
- Rogers, G. and J. Sorensen, 1989, Poster Presentation, Emergency Warning and Response, NEPA Symposium, Knoxville, Tennessee, October.
- Sorensen, J. and G. O. Rogers, 1989, "Protective Actions for Extreme Toxic Exposure," Emergency Planning Workshop, Middlesex Polytechnic University, London, England, October.
- Rogers, G. O., 1989, "Evaluating Protective Actions for Acutely Hazardous Environments," Emergency Management Institute, Emmitsburg, Maryland, September.
- Rogers, G. O., 1988, "Society's Prime Function: Protection from External Threat," PDS CAPSTONE Seminar, Emergency Management Institute, Federal Emergency Management Agency, Emmitsburg, Maryland.
- Sorensen, J., G. O. Rogers, and D. Fisher, 1988, "Public Alert and Warning Systems for Chemical Emergencies," The AIChE Hazardous Material Spills Conference, Chicago, Illinois.
- Rogers, G. O. and J. Sorensen, 1988, "Diffusion of Emergency Warnings," Society for Risk Analysis, Washington, D. C., October-November.
- Sorensen, J. and G. O. Rogers, 1988, "Community Preparedness for Chemical Emergencies" at the Society for Risk Analysis, Washington D. C.
- Rogers, G. O., 1987, "On the Responsibility for Risk: Some Social Structural Criteria" Society for Risk Analysis Annual Conference, Houston, Texas.
- Rogers, G. O., 1987, "Use and Abuse of Computer Systems in Emergency Management," Panel on Computer Use in Emergency Management, Hazards Application and Information Workshop, Boulder Colorado, July.
- Rogers, G. O. and J. Nehnevajsa, 1986, "Warning Human Populations of Technological Hazard," Radiological Accidents -- Perspectives and Emergency Planning, Washington D.C., September 15-17.
- Rogers, G., 1986, "Organization and Use of Research Findings," Panel on Issues in Disaster Research, Research Committee on Disasters, International Sociological Association, New York, New York, September 1.
- Rogers, G., 1986, "Some Social Structural Properties of Risk Perception," Sociology of Disaster: Theoretical Issues, American Sociological Association, New York, New York, August 30 - September 3.

- Rogers, G., N. Hummon and D. Strom, 1986, "A Preliminary Model of Radon Exposure," Society for Risk Analysis, Boston, Massachusetts, November.
- Rogers, G., 1985, "Community Response to Recurring and Nonrecurring Floods," Flood Hazard Management in Government and the Private Sector, The 9<sup>th</sup> Annual Conference of the Association of State Floodplain Managers, Co-Sponsored by the Louisiana Floodplain Management Association and Louisiana Dept. of Urban and Community Affairs, New Orleans, Louisiana April 29 - May 3.
- Rogers, G., 1984, "Public Recognition of Hazard," Society for Risk Analysis Annual Conference and Business Meeting, Knoxville, TN, September 30 - October 3.
- Hummon, N., L. Mauro and G. O. Rogers, 1985, "Time Budget Analysis and Risk Management," Society for Risk Analysis Annual Meeting, Washington D. C., October 7 - 9.
- Rogers, G., 1983, "Determining Public Acceptability of Risk," The Workshop on Risk Analysis in the Private Sector, The Annual Conference and Business Meeting of the Society for Risk Analysis, New York, New York, August 1-3.
- Rogers, G., 1982, "Life-Experience as a Determinant of Perceived and Acceptable Risk: Residential Proximity, Perceived and Acceptable Risk," Annual Conference and Business Meeting of the Society for Risk Analysis, Arlington, Virginia, June.
- Rogers, G., 1982, "Social Status and Perceived Risk: Some Social Processes of Risk Perception," The 10<sup>th</sup> World Congress of Sociology, International Sociological Association, Mexico City, Mexico, August 16-21.

### **CONFERENCE PARTICIPATION**

- Moderator, New Directions in Research, 1st Annual Disaster Research Add-on, to the Hazards Research and Applications Workshop, Denver, CO, July 16-17, 1997.
- Recorder, Coping with Hazards: The National Stakes, 22nd Annual Hazards Research and Applications Workshop, Denver, CO, July 13-16, 1997.
- Moderator, Hazards Management and Sustainability: A View for the Future, 21st Annual Hazards Research and Applications Workshop, Denver, CO, July 7-10, 1996.
- Moderator, Coerce or Cooperate? Rethinking Intergovernmental Environmental Management, 20th Annual Hazards Research and Applications Workshop, Boulder CO, July 16-19, 1995.
- Panelist, Risk Communication Before, During and After Chemical Events, U. S. Environmental Protection Agency, Fairfax, Virginia, October 1993.
- Discussant, Technological Emergencies Resulting from Natural Disasters: How likely are they, and are we prepared to deal with them?" Hazards Research and Applications Workshop, Boulder, Colorado July, 14-17, 1991.
- Session Organizer, Technological Hazards and Ecological Disasters, Session 1 and 2, Pacific Science Congress, Honolulu, Hawaii, May 27-June 2, 1991
- Panelist, International Sociological Association, Panel on Sociology and Risk Analysis, Madrid, Spain, 1990.
- Member of U. S. Delegation, "NATO Civil Defense Committee, Symposium on Public Information," NATO Headquarters, Brussels, Belgium, September 30 and October 1, 1986.
- Invited Participant, "Conference on Database Network Elements and Computer-based Training Applications," Federal Emergency Management Agency, Washington, D. C., October 8, 1986.
- Exploring the Risk Analysis and Emergency Management Archives: A Demonstration of Computerized Resources, Federal Emergency Management Agency, Washington, D. C., February 6 - 7, 1986.
- Meeting Chair, "Exploring the Risk Analysis and Emergency Management Archives: A Conference for Researchers," Univ. of Pittsburgh, Pittsburgh, Pennsylvania, December 5 and 6, 1985.
- Panelist, Invitational Conference "Role Conflict in Emergencies," Federal Emergency Management Agency and National Institutes of Mental Health, Organized by the American Psychological Association, Washington D. C., December 6 - 7, 1984.
- Panelist, Workshop on the "Computerization of Disaster and Emergency Research," Univ. of Delaware, Disaster Research Center, Newark, Delaware, November 1984.
- Session Chair, "Some Social Aspects of Risk Analysis," Society for Risk Analysis Annual Conference and Business Meeting, Knoxville, Tennessee, September 30 - October 3, 1984.
- Panelist, "The Information Revolution: Are We Using Available Technology to its Full Potential," Natural Hazards Research and Applications Workshop, Boulder, Colorado, July 15-18, 1984.

### **Book Reviews**

- Kroll-Smith, J. S., and S. R. Couch, The Real Disaster is Above Ground: A Mine Fire & Social Conflict, The University Press of Kentucky, Lexington, KY, 1992, in International J. of Mass Emergencies and Disasters, 1992, Vol. 10, No. 1, p. 249-252.
- Fitzsimmons, A. and A. Kirby, Have Waste Will Travel: An Examination of the Implications of High-Level Nuclear waste Transportation, Institute of Behavioral Science, University of Colorado, Boulder, CO, in International J. of Mass Emergencies and Disasters, 1990, Vol. 8, No. 1, p. 71-74.
- Cashman, J. R., 1989 Hazardous Materials Emergencies: Response and Control, Technomic Publishing, Lancaster, PA, 1988, in Environmental Professional, Vol. 11, p. 460-461.

### **University Service**

- University, Association of Former Student Faculty Awards Committee, 2005
- University, Faculty Advisory Board, Latin American Programs Office, Mexico City Center, 2004-
- University, Advisory Committee for Race and Ethnic Studies Institute, 1993-
- Department of Landscape Architecture and Urban Planning, URSC Program Coordinator, 2001-
- Department of Landscape Architecture and Urban Planning, Executive Committee, Sept. 2003-
- University, Bonfire Memorial Dedication Committee, Co-Chair Dec 2003-Dec 2004
- University, Bonfire Memorial Committee, 2000-2003
- University, Bonfire Memorial Competition Office, Co-director, 2001-2003
- University, University Lecturers Committee, 1996-2000
- University, Council of Principle Investigators, 1998-2003
- University, Graduate Operations Committee, 1998-99
- University, Women's Faculty Network Mentor, 1998-2000
- College of Architecture, Director, Hazard Reduction and Recovery Center 2003-2004
- College of Architecture, Sustainability Search Committee, Sept 2003-2004
- College of Architecture, Advisory Committee Retreat Team, 2003
- College of Architecture, College Research and Interdisciplinary Council, 1997-2004
- College of Architecture, Task Force on Women and Underrepresented Groups, 1994-1995
- College of Architecture, Faculty Excellence and Diversity Committee, 1993-1996
- College of Architecture, Committee on Faculty Worklife, 1993-1994
- College of Architecture, Working Group on Computing Resources, 1992-1998
- College of Architecture, Working Group on International Programs, 1992-1995
- College of Architecture, Working Group on Research, 1991-1994
- Department of Landscape Architecture and Urban Planning, Interim Head, June 1998-May 2001
- Department of Landscape Architecture and Urban Planning, Head, June 2001-September 2003
- Department of Landscape Architecture and Urban Planning, Scholarship Committee, Sept. 2003-2004
- Department of Landscape Architecture and Urban Planning, Masters of Urban Planning, Curriculum Review Committee, 1996-1998
- Department of Landscape Architecture and Urban Planning, Chair, Executive Committee, 1998-2003.
- Department of Landscape Architecture and Urban Planning, Steering Committee, 1993-1998
- Department of Landscape Architecture and Urban Planning, Urban and Regional Science, Ph.D., Curriculum Review Committee, 1993-1998
- Department of Landscape Architecture and Urban Planning, Ad Hoc Committee on Computing Resources (Chair), 1993-1995
- Department of Landscape Architecture and Urban Planning, Ad Hoc Committee on Computing Resources, 1993-1995
- Department of Landscape Architecture and Urban Planning, Bachelors of Landscape Architecture Curriculum Review Committee, 1992-1994

### **Other Professional Activities**

- Council of Educators in Landscape Architecture, 2005, Reviewer
- Emergency Management Institute, Federal Emergency Management Agency, Emmitsburg, MD, 1980-1990, Adjunct Faculty
- *Environmental Professional*, 1989--, Reviewer
- *Environmental Progress*, 1995--, Reviewer
- *IEEE Transactions*, 1994--, Reviewer
- *International Journal of Mass Emergencies*, 1989--, Reviewer

- *International Journal of Risk Analysis*, 1993--, Reviewer
- *International Journal of Risk Management*, 2007, Reviewer
- *J. of American Planning Association*, 1996--, Reviewer
- *J. of Environmental Planning and Management*, 1997--, Reviewer
- *J. of Hazardous Materials*, 1993--, Reviewer
- *Landscape and Urban Planning, An International Journal*, 1994--, Reviewer
- National Research Council, 1992, Reviewer
- National Science Foundation, 1992--, Reviewer
- *Nuclear Safety*, 1989. Reviewer
- Oak Ridge National Laboratory, 1987--, Reviewer
- SE Technologies, 1995. Reviewer
- Society for Risk Analysis, Lone Star Chapter, 1996, Councilor
- Society for Risk Analysis Liason Committee, Representative to American Sociology Association, for the, 1985-1988.
- U. S. Geological Survey, 1992. Reviewer
- *Unscheduled Events*, 1994-1998, Editor
- *Water Resources Research*, 1995, Reviewer

#### **Experience as an Expert Witness**

- City of West, Texas vs. CF Industries Sales, LLC, et al.; In The 170<sup>th</sup> Judicial District Court of McLennan County, Texas, Cause Number: 2013-2476-4, Deposition March 27, 2015.
- GTX, Inc., Application for License to Construct and Operate a Hazardous Waste Incinerator in St. Mary Parish, LA, Hearing in Amelia, LA April 27, 1998. Provided live testimony detailing the extent of environmental justice associated with a proposed waste incinerator. Permit was issued.
- The Texas Natural Resource Conservation Commission, in the matter of the Texas Low-Level Radioactive Waste Disposal Authority's, Application for a License to Construct and Operate a Low-Level Radioactive Waste Disposal Facility. Produced key report to TNRCC on Environmental Justice. Provided nine hours, 30 minutes testimony before administrative law judges. Commission agreed with two major finding of the testimony. They found the testimony regarding Environmental Justice convincing and agreed with overall impact zone designation, but ruled against the issuance of a permit.
- Otis Pointer, Jr. v. Sterling Chemicals, Inc., 56th Judicial District, No. 94CV0514. Provided nine hour and 30 minute deposition, and six hours on witness stand in jury trial, where jury agreed with testimony regarding extent of injuries and culpability in a chemical plant accident.
- D'amico v. Consolidated Rail Corporation and Monsanto Company, U. S. District Court, Western District, PA, Civil Action No. 87831. Provided six hours of testimony where judge found testimony "compelling" in determining a class size for class action lawsuit.

**Graduate Students:** Served on more than 30 graduate student committees, including; chairing eight dissertations, three Master of Urban Planning degrees and three Master of Science in Land Development degrees. Also served as a member on eleven Ph.D. and two-dozen master degrees in Urban Planning, Land Development, Landscape Architecture, Architecture and related fields.

#### **Served as Chair of following Ph.D. Committees**

- Bierling, David, 2012, Participants and Information Outcomes in Planning Organizations, Texas A&M University
- Bardenhagen, Eric K., 2011, Valuing Place Through Its Resources: Incorporation Multi-dimensional Value Structures in Decision Processes, Texas A&M University
- Gao, Shan, 2010, Amenity Value of Wetlands, Texas AM University.
- Park, Joung Im, 2010, Spatial and Temporal Dynamics: Residential Development Process, Texas A&M University.
- Ismayilova, Rubaba, 2007, An Analysis of Producing Ethanol and Electric Power from Woody Residues and Agricultural Crops in East Texas, Texas A&M University.
- Lobyam, Sonchae, 2006, The Effectiveness of Jobs-Housing Balance as a Strategy for reducing Traffic Congestion: A Study of Metropolitan Bangkok, Texas A&M University.
- Dufee, Buren Brooks "Buck" II, 2003, The Long-Term Development of a Watershed: Spatial Patterns, Streamflow and Sustainability, Texas A&M University.

- Touche, George, 2002 Integrating Environmental Equity, Energy, and Sustainability: A Spatial-Temporal Study of Electric Power Generation, Texas A&M University.
- Lee, Do Young, 1998, Immigrant Housing Adjustment: A Case Study of Koreans in the Houston Metropolitan Area, Texas A&M University.
- Park, Jea-Guy, 1998, Technological Risk Management Through the Best Trial-and-Error approach: A Case study, of Nuclear Power Technology, Texas A&M University.
- Sah, Jy-Ping, 1998 Risk Management and Power Structure: A Study of Risk Management in Texas Local Government, Texas A&M University.
- Perkinson, Dennis, 1997, The Diffusion of Regulatory Compliance: Public Transportation Under the Americans with Disabilities Act, Texas A&M University.

**Served on the following Ph.D. Committees**

- Sukolratananetee, Sineenart, 2006, Pedestrian Oriented Design and Sense of Community: A Comparative Study, Texas A&M University.
- Cole, Patricia Starr, 2003, An Empirical Examination of the Housing Recovery Process Following Disaster, Texas A&M University.
- Snowden, Troy Gene, 2002, A Comparison of Administrator, Faculty, and Student Perceptions of the Effectiveness of the Texas Community College, Texas A&M University.
- Bowrowiec, Jeff, 2003, Analysis of the Role and Needs of Business Aviation Users in Texas: The Development and Application of a Business Airport Functional Category, Texas A&M University.
- Kunish, Rosemary, 2000, Socio-demographic differences in access to health care, Texas A&M University.
- Aries, James, 1997, Motivation in Elderly Disaster Victims During Recovery From Loss of Home, Texas A&M University.
- Kim, Young Kyou, 1996, Technological Disaster Subculture: Conceptual Development and Empirical Examination of the Concept Through a Case Study of the Houston-Galveston Area, Texas A&M University.
- Tai, Teresa Wai Chi, 1996, The Effect of Staff's Perceptions of Social Support Systems on Turnover Behavior, Texas A&M University.
- Vigo, Gabriela Norma, 1996, Emergent Behavior in the Immediate Response to Two Disasters: the 1985 Mexico City Earthquake and the 1994 Northridge Earthquake in Los Angeles, Texas A&M University.
- Smith, Gavin Paul, 1995, The Transformation of Environmental Conflict: a Game Theoretic Approach, Texas A&M University.
- Hutabarat, Maruli, 1994, Residential Growth in Different Urban Subcenters in the City of Jakarta, Texas A&M University.

**Served as Graduate Council Representative on following Ph.D. Committees**

- Park, Byungkyu, 1998, Development of Genetic Algorithm-Based Signal Optimization Program for Oversaturated Intersections, Texas A&M University.
- Carter, Michael Shawn, 1997, Industrial Structure Impacts on Stock Price Valuation, Texas A&M University.
- Coats, John Daniel, 1995, A Matter of Perspective: U. S. Policy toward the Caribbean Basin During the Kennedy and Johnson Administrations, 1961-1965, Texas A&M University.

**Served as Chair of following Masters Committees**

- Blouet, Andrew, (M. S. Land Development), 2005, Outsourcing Service Sector Industry to Latin America: The Dominican Republic and El Salvador.
- Lorente-Rodregez, Paula, (M. Urban Plan.), 2005, Market & Non-Market Values in Compensatory Mitigation Banks.
- Whitton, Daniel, 2005, (M.S. Land Development), Final Project:
- Burk, Alison, (M. S. Land Development), 2004, The Influence of Entrepreneurial Mitigation Banks on Surrounding Property Values
- Van Zandt, Shannon, (M. Urban Plan.), 1997, Thesis: Exploring the Relationship Between Sense of Community and Visual Appearance
- Gonzalez, Roberto Jr., (M. Urban Plan.), 1994, Final Project: Evaluation of Social Equity Indicators in the Colonias

**Served on the following Masters Committees**

- Dhaval, Guhya, 2010, (CSMG) Reverse Auction Bidding: A Statistical Review of the First Case Study.
- Cobb, Katrina, 2008, (MArch), Final Project: Kawadapitty Village: Rebuilding a Community in Sri Lanka

- Molina, Hernan, 2007, (MArch) Final Project: A proposed Master plan for the Harbor of Valencia, Spain. Best of Show in the 33rd Annual Ken Roberts Memorial Delineation Competition.
- Rajagopalan, Neethi, 2007, (M.S. Civil Engineering), Impact of Highway Construction (SH 40), .
- Ginsburg, Karen, (M.S. Land Development), 2003, Final Project: New Urbanism—Florida Style.
- Martin, Bryan S., (M.S. Land Development), 2003, Final Project: Accessing your parking situation
- Lin, Lillian, (M.S. Land Development), 2002, Final Project: An Internship with RTKL Urban Design and Planning Group, Dallas Texas, on Sustainable Development in China.
- Martinek, Travis (M.S. Land Development), 2002, Final Project:
- Henry, Brett, (M.S. Land Development), 2002, Final Project:
- Henshaw, Lizabeth, (M.S. Land Development), 2002, Final Project:
- Malik, Shilpa, (M.S. Land Development), 2002, Final Project:
- Lambright, Christy, (M. Urban Plan.), 1999, Final Project: Cancer in the Brazos Valley
- Kartoshov, Andrei, (M. Sociology), 1997, Thesis: Orthodox Ethic and the Spirit on Anti-Capitalism
- Kodamanchaly, Joseph, (M. Sociology), 1997, Thesis: A Study of the Epidemiological Coincidences of Selected Causes of Death and, Toxic Chemical Releases in Texas Counties
- Spoon-Muller, Nancy, (M. Urban Plan.), 1997, Final Project:
- Roe, Deborah, (M. Cos. Mgt.), 1997, Final Project: Risk in Construction Subcontracting
- Mes, Alice Maria, (M. Civil Engr), 1996, Final Project: Nolan Creek Corridor Improvement Project: Flood Hazard Study Revision
- Cassidy, Timothy J., (M. Arch.), 1995, Thesis: An Investigation of Design Principles Necessary to Create Culturally and Environmentally Congruous Architecture
- Kamath, Ashok, (M. Arch.), 1995, Final Project: Place-Specific Sense of Community: A Paradigm for Empowerment Through Community Design
- Cooper, John Jr., (M. Urban Plan.), 1994, Final Project:
- Debose, Richard, (M. Urban Plan.), 1994, Final Project: An Approach to Examining Informal Employment Patterns in Texas Colonias
- Black, Travis, (M. Urban Plan.), 1993, Final Project:
- Johnston, Paul, (M. Urban Plan.), 1993, Final Project:
- Watkins, Rita, (M. Pub. Adm.), 1993, Final Project:
- McGreevey, Elizabeth, (M. Land. Arch.), 1993, Final Project: A Design Approach: Using Spatial Relations to Develop Visual Congruence in the American Landscape

**AVAILABLE TEACHING EVALUATIONS**  
**Teaching Evaluations (1993 - 2005)**

Class	Semester	Total forms	Average	Evaluation Items--listed below													
				1	2	3	4	5	6	7	8	9	10	11	12	13	14
PLAN 614*	1993.1	5	4.71	4.80	4.60	4.80	4.80	4.80	4.60	4.60	4.80	4.80	4.80	4.25	4.80	4.80	4.60
PLAN 616*	1994.1	2	4.78	5.00	4.50	5.00	5.00	5.00	4.50	5.00	4.50	5.00	4.50	5.00	4.00	5.00	5.00
PLAN 614*	1995.1	4	4.89	5.00	5.00	5.00	5.00	5.00	4.50	5.00	4.75	5.00	5.00	4.75	4.50	5.00	5.00
PLAN 613	1996.1	5	3.26	3.40	2.60	2.80	3.80	3.80	3.40	3.80	3.00	3.20	2.75	3.20	3.60	2.40	3.80
PLAN 616	1996.1	6	4.27	4.83	4.67	4.50	4.83	4.33	3.17	4.50	3.17	4.17	4.67	3.50	4.00	4.67	4.50
PLAN 614	1996.3	3	4.43	4.33	4.33	5.00	5.00	4.33	4.33	4.33	4.67	4.00	4.00	4.33	3.67	4.67	5.00
CARC 601	1997.3	10	3.64	3.20	2.40	3.80	4.30	4.20	3.50	3.50	4.00	3.70	3.10	3.60	4.10	3.50	4.11
PLAN 681	1998.1	10	3.84	3.50	3.30	4.30	4.70	4.60	3.32	3.80	3.30	4.00	3.30	3.56	3.90	3.50	4.80
CARC 602	1998.1	8	4.05	4.13	3.89	4.25	4.38	4.00	4.25	4.25	4.38	4.00	3.25	4.13	4.38	3.63	3.86
PLAN 616	1999.1	4	4.37	4.67	4.67	4.67	5.00	4.33	4.00	4.50	3.67	4.33	4.50	4.25	4.00	4.75	3.67
PLAN 414*	2000.1	17	4.11	3.76	4.00	4.12	4.41	4.47	3.81	4.00	4.06	4.18	4.13	4.06	4.00	4.18	4.31
PLAN 414	2000.3	21	4.00	4.10	3.95	4.35	4.40	4.25	4.11	4.15	3.70	4.15	3.65	3.90	3.25	4.05	3.95
PLAN 414	2001.1	7	3.88	4.00	4.14	4.43	4.43	4.29	3.43	4.14	3.57	3.86	3.43	3.71	3.86	3.57	3.43
PLAN 681	2001.1	10	4.07	4.00	3.80	4.20	4.30	4.40	3.90	4.00	3.90	4.00	4.10	4.00	4.30	4.10	4.00
LAND 640	2001.3	20	4.47	4.45	4.30	4.55	4.30	4.60	4.45	4.55	4.55	4.60	4.45	4.50	4.32	4.50	4.50
PLAN 414	2002.1	10	4.31	4.67	4.20	4.70	4.70	4.50	4.10	4.20	4.40	4.40	4.00	4.40	3.80	4.30	4.00
PLAN 681	2002.3	7	4.50	4.71	4.29	4.71	4.57	4.71	4.14	4.57	4.43	3.86	4.71	4.43	4.57	4.71	4.57
PLAN 414	2003.1	10	3.96	4.10	4.00	4.10	4.30	4.00	3.90	4.50	4.40	4.20	3.40	3.90	3.50	3.60	3.56
PLAN 681	2003.1	8	4.29	4.38	4.00	4.75	4.75	4.63	4.25	4.38	4.50	3.75	4.13	4.25	3.38	4.63	4.38
LAND 640	2003.3	12	4.38	4.00	4.27	4.55	4.55	4.58	4.82	4.64	4.45	4.55	3.92	4.50	3.75	4.17	4.64
LAND 681	2003.3	8	4.11	4.13	4.00	4.50	4.50	4.50	3.75	3.50	4.13	3.75	4.25	3.75	4.13	4.38	4.25
PLAN 414	2004.1	18	4.14	4.06	3.94	4.33	4.56	4.28	4.17	4.22	4.17	4.00	4.11	4.28	3.67	4.22	3.94
PLAN 681	2004.1	5	4.37	4.40	4.20	4.60	4.80	4.75	4.00	4.00	4.00	4.00	4.20	4.50	4.80	4.60	4.40
LAND 640	2004.3	7	4.15	3.86	3.86	4.29	4.71	4.00	4.00	4.57	4.14	4.57	3.57	4.43	3.86	4.00	4.29
LAND 681	2004.3	8	4.36	4.50	4.00	4.50	4.63	4.50	4.25	4.13	4.50	4.13	4.00	4.38	4.50	4.50	4.50
PLAN 414	2005.1	16	3.58	3.88	4.06	3.56	4.31	3.69	3.31	3.88	3.19	4.06	3.00	3.19	2.75	3.44	3.75
PLAN 681	2005.1	11	4.45	4.64	4.36	4.73	4.50	4.64	4.45	4.00	4.55	4.27	4.09	4.64	4.55	4.50	4.36
PLAN 414	2005.3	24	2.98	2.88	3.04	2.96	3.74	3.63	3.58	3.75	2.71	3.39	2.08	2.33	2.17	2.63	2.83
LAND 681	2005.3	9	4.36	4.56	4.22	4.67	4.11	4.44	4.22	4.11	4.33	4.33	4.33	4.33	4.44	4.44	4.44
Average			4.16	4.20	4.02	4.37	4.53	4.39	4.01	4.23	4.07	4.15	3.91	4.07	3.95	4.15	4.22

CARC 601--Foundations of Research in Planning and Design

LAND 640--Research Methods in Landscape Architecture

PLAN 414--Sustainable Communities

PLAN 613--Planning Methods and Techniques

PLAN 614--Planning and Technological Change

PLAN 616--Analyzing Risk/Hazard and Public policy

PLAN/LAND 681--Ph.D. Seminar

\*Course taught under special topics banner (489/689).

1. I gained a good understanding of concepts/principles in this field.
2. I was stimulated to discuss related topics outside of class.
3. The instructor stresses important points in lectures or discussions.
4. The instructor appears to have a thorough knowledge of the subject.
5. The instructor acknowledges all questions insofar as possible.

6. The instructor keeps students informed of their progress.

7. The instructor seemed well prepared for each class.

8. Work requirements and grading system were clear from the beginning.

9. The instructor sets high standards for students.

10. I would take another class from this professor.

11. The exams/projects were presented and graded fairly.

12. The amount of work and/or reading was reasonable for the credit hours received in the course.

13. I believe this instructor was an effective teacher.

14. Help was readily available for questions and/or homework outside of class.



## Teaching Evaluations (2006 – Present)

## Evaluation Items--listed below

Class	Sem	Forms	Ave	1	2	3	4	5	6	7	8	9	10	11
PLAN 414	2006.7	13	<b>4.34</b>	4.69	4.69	4.46	3.77	4.62	4.23	3.92	4.54	4.23	4.46	4.15
PLAN 414	2007.7	16	<b>4.15</b>	4.63	4.63	4.38	4.44	3.88	3.88	4.38	3.81	3.75	4.19	3.73
PLAN 414	2008.7	22	<b>3.96</b>	4.10	4.59	4.41	4.05	3.59	4.14	3.91	3.36	3.59	4.09	3.76
URSC 460	2009.7	22	<b>4.03</b>	4.19	4.36	4.41	3.91	4.05	4.00	3.95	3.91	3.77	3.95	3.86
URSC 460	2010.7	32	<b>4.21</b>	4.44	4.59	4.28	4.13	4.19	4.13	4.28	4.25	3.88	4.09	4.06
URPN 460	2011.1	16	<b>4.10</b>	4.44	4.56	4.40	4.07	4.33	3.80	4.13	4.27	3.27	4.00	3.80
URPN 460	2011.7	14	<b>4.19</b>	4.50	4.50	4.43	4.21	4.29	4.07	4.36	3.79	3.65	4.14	4.21
URPN 460	2012.1	35	<b>4.22</b>	4.63	4.77	4.38	4.23	4.41	3.97	4.12	4.38	3.49	4.14	3.97
URPN 460	2012.7	24	<b>3.98</b>	4.58	4.58	4.33	3.71	4.00	3.71	3.75	3.96	3.46	4.37	3.79
URPN 460	2013.1	19	<b>4.35</b>	4.68	4.84	4.16	4.47	4.26	4.37	4.32	4.00	3.87	4.28	3.81
URPN 460	2013.7	16	<b>3.66</b>	4.19	4.25	4.00	3.75	3.32	3.56	3.57	3.38	3.25	3.75	3.45
URPN 460	2014.7	15	<b>3.86</b>	4.40	4.60	4.25	3.80	3.93	3.67	3.87	3.60	3.33	3.60	3.36
URPN 460	2014.7	4	<b>4.02</b>	4.75	4.50	4.50	3.75	4.25	4.00	4.00	3.50	3.75	3.5	3.67
	Ave	<b>21.6</b>	<b>4.11</b>	<b>4.46</b>	<b>4.58</b>	<b>4.33</b>	<b>4.07</b>	<b>4.08</b>	<b>3.99</b>	<b>4.06</b>	<b>3.97</b>	<b>3.66</b>	<b>4.13</b>	<b>3.87</b>
LAND 640	2006.1	11	<b>4.23</b>	4.64	4.55	4.45	3.73	4.27	4.00	3.91	4.00	4.36	4.73	3.93
LAND 640	2007.1	10	<b>4.18</b>	4.30	4.50	3.90	4.20	4.30	4.30	3.60	4.20	4.10	4.70	3.90
LAND 640	2008.1	8	<b>3.53</b>	3.63	4.50	4.43	3.00	3.00	3.14	3.29	3.86	3.86	3.29	2.71
LAND 640	2009.1	5*	<b>4.31</b>	4.80	4.80	4.80	4.20	4.20	4.00	3.40	4.60	4.60	4.20	3.76
LAND 640	2010.1	12	<b>4.44</b>	4.58	4.83	4.67	4.09	4.50	4.25	4.17	4.33	4.58	4.50	4.33
LAND 640	2011.1	12	<b>4.75</b>	5.00	5.00	5.00	4.58	4.92	4.67	4.33	4.58	5.67	4.83	4.67
LAND 640	2012.1	13	<b>4.92</b>	5.00	5.00	4.92	4.92	4.85	4.92	4.85	5.00	5.00	4.92	4.77
LAND 640	2013.1	12	<b>4.80</b>	4.92	4.92	4.75	4.58	4.67	4.64	4.75	4.83	4.92	5.00	4.83
	Ave	<b>11.1</b>	<b>4.40</b>	<b>4.61</b>	<b>4.76</b>	<b>4.62</b>	<b>4.16</b>	<b>4.34</b>	<b>4.24</b>	<b>4.04</b>	<b>4.43</b>	<b>4.64</b>	<b>4.52</b>	<b>4.11</b>
LAND 681	2006.7	5	<b>4.58</b>	4.60	4.80	4.20	4.40	4.60	4.60	4.80	4.60	4.60	4.60	4.60
LAND 681	2007.7	7	<b>4.23</b>	4.00	4.29	4.14	4.14	4.00	4.29	4.29	4.14	4.43	4.57	4.29
LAND 681	2008.7	6	<b>4.47</b>	4.50	4.67	4.50	4.50	4.33	4.50	4.67	4.50	4.33	4.33	3.86
LAND 681	2009.7	12	<b>3.98</b>	4.17	4.17	3.92	3.92	4.25	4.00	3.83	3.92	3.92	4.08	4.50
LAND 681	2010.7	10	<b>3.77</b>	3.90	4.00	3.70	3.60	3.70	3.90	3.50	3.90	3.90	3.70	3.88
URSC 681	2011.7	7	<b>4.30</b>	4.14	4.57	3.86	5.57	4.14	4.43	4.43	4.00	4.43	4.57	4.17
URSC 681	2012.7	6	<b>4.62</b>	4.83	4.83	4.33	4.50	4.67	4.67	4.67	4.67	4.67	4.50	4.50
URCS 681	2013.7	7	<b>4.86</b>	5.00	5.00	4.86	4.71	4.71	4.86	5.00	4.71	4.86	5.00	4.71
	Ave	<b>7.5</b>	<b>4.35</b>	<b>4.39</b>	<b>4.54</b>	<b>4.19</b>	<b>4.38</b>	<b>4.30</b>	<b>4.41</b>	<b>4.40</b>	<b>4.31</b>	<b>4.39</b>	<b>4.42</b>	<b>4.31</b>
PLAN 681	2006.1	8	<b>4.67</b>	4.63	4.88	4.50	4.75	4.50	4.88	4.63	4.38	4.88	4.88	3.78
PLAN 681	2007.1	9	<b>4.38</b>	4.44	4.56	4.11	4.44	4.22	4.33	4.44	4.33	4.33	4.56	4.50
PLAN 681	2008.1	7	<b>3.96</b>	3.71	4.00	4.14	4.14	4.00	3.86	4.14	3.86	3.86	4.00	4.44
PLAN 681	2009.1	6	<b>4.71</b>	4.50	4.83	4.67	4.67	4.50	4.83	4.83	5.00	4.67	4.83	4.33
PLAN 681	2010.1	17	<b>3.90</b>	3.88	4.00	3.82	4.00	3.71	3.94	3.76	3.82	4.00	4.06	3.67
URSC 682	2011.1	7	<b>4.48</b>	4.50	4.50	4.50	4.33	4.50	4.33	4.67	4.57	4.50	4.67	3.70
URSC 682	2012.1	9	<b>4.05</b>	4.11	4.11	3.89	4.11	4.00	3.89	4.00	4.33	4.22	4.22	4.14
URCS 682	2013.1	4	<b>4.57</b>	4.75	4.75	4.50	4.50	4.50	4.50	4.50	4.75	4.75	4.50	4.75
URCS 682	2014.7	4	<b>4.86</b>	5.00	5.00	4.75	5.00	4.75	4.75	4.75	4.75	5.00	5.00	4.75
<b>Average</b>			<b>4.28</b>	<b>4.45</b>	<b>4.58</b>	<b>4.35</b>	<b>4.24</b>	<b>4.23</b>	<b>4.22</b>	<b>4.21</b>	<b>4.25</b>	<b>4.22</b>	<b>4.37</b>	<b>4.10</b>

\* One student commented that research methods should not be required of MLA students removing that student from calculation raised Average from 3.92 to 4.31.

LAND 640--Research Methods in Landscape Architecture  
 PLAN 414/URSC460/URPN 460--Sustainable Communities  
 PLAN/LAND 681--Ph.D. Seminar

1. The instructor was well prepared for each class.

2. The instructor appears to have a thorough knowledge of the subject.
3. The instructor sets high standards for students.
4. The instructor make important principles and ideas clear for this subject matter.
5. The instructor keeps students informed of their progress.
6. I believe this instructor was an effective teacher.
7. I gained a good understanding of concepts/
8. Work requirements and evaluation system were
9. The exams/projects were evaluated fairly.
10. Help was available to students who sought it.
11. On the whole, this was a worthwhile course.