

BRIAN ORLAND: CURRICULUM VITAE (2000 and more recent)

August 4, 2015

Current Position:

Rado Family Foundation Professor of Geodesign, University of Georgia

Previously:

Distinguished Professor of Landscape Architecture, Penn State University

The Professor Arnold Weddle Chair in Landscape, University of Sheffield

Director of Research Operations, College of Arts and Architecture, Penn State University

Director, School of Architecture and Landscape Architecture, Penn State University. 2008-2010

Professor and Head, Department of Landscape Architecture, Penn State University. 2000-2008

Interim Associate Dean for Research and Graduate Studies, College of Arts and Architecture, Penn State. 2008

Professor of Landscape Architecture, University of Illinois at Urbana-Champaign. 1982-2000

Faculty Fellow, National Center for Supercomputing Applications, 1999-2000

Founder and Coordinator, Imaging Systems Laboratory, University of Illinois. 1986-2000

Founder and Coordinator, Environmental Rehearsal Studio, University of Illinois. 1998-2000

Co-Principal Investigator, The East St. Louis Action Research Project. 1990-2000

Education:

BA (Hons) Architecture, University of Manchester. June 1974.

BArch, University of Manchester. June 1976.

MLA, University of Arizona. August 1982.

Professional registration:

Architects Registration Council of the United Kingdom, Reg # 044383B. June 1977-present.

Recognition and outstanding achievements

2015, Professor Arnold Weddle Chair in Landscape, University of Sheffield

2013, Fellow, Council of Educators in Landscape Architecture.

2012, Distinguished Professor of Landscape Architecture, Penn State University

2012, Outstanding Administrator, Council of Educators in Landscape Architecture

2011, Undergraduate Program Leadership award, Pennsylvania State University

2011-12, Faculty Fellow, Pennsylvania State University Social Science Research Institute

2010, Named in "Most Admired Educators of 2010" Design Intelligence

2009, Honorary Scientist, Rural Development Administration, The Republic of Korea

2002, Award of Merit, American Society of Landscape Architects. Taj Mahal Cultural Heritage District

Development Plan (with V. Bellafiore, T. Harkness, A. Sinha, K. McCown)

1999-2000, Faculty Fellow, National Center for Supercomputing Applications

1999, Fellow, American Society of Landscape Architects

Current focal areas of activity:

Research

Environmental perception of physical and manageable characteristics of the built and natural environment.

Decision-making in complex settings. Serious Games. Methodological studies in computer visualization.

Technology Development

Creating and evaluating virtual environments for rehearsing (describing and testing) interventions in urban and natural environments. Performance of representation systems and data visualization techniques.

Publications:*Chapters in Books*

- 2007, Orland, B. and C. Ursavas. Visualizing forest bio-physical characteristics in the context of studies of perceived fire hazard. In, S. McCaffrey (ed.) The Public and Wildland Fire Management: Social Science Findings for Managers. Gen. Tech. Rep. NRS-1. Newtown Square, PA: U.S. Department of Agriculture, Forest Service, Northern Research Station. 187-196.
- 2006, Donaghy, K., J.W. Eheart, E. Herricks and B. Orland. An Integrated Assessment of Impacts of Predicted Climate Change on the Mackinaw River Basin. In Matthias Ruth, Kieran Donaghy, and Paul Kirshen (eds) Regional Climate Change and Variability: Impacts and Responses, Cheltenham, UK: Elgar. 79-127.
- 2005, Orland, B. "Calibrating" images to more accurately represent future landscape conditions in forestry. Chapter 6 In: I. Bishop and E. Lange, (eds.) Visualization in Landscape and Environmental Planning. London: Taylor and Francis. 104-111.
- 2001, Orland, B., and J. Uusitalo, Immersion in a Virtual Forest: Some Implications. Chapter 14 In: Sheppard, S.R.J. and H.W. Harshaw (eds.) (2000) Forests and Landscapes: Linking ecology, sustainability and aesthetics. IUFRO research Series, No. 6. Wallingford Oxon: CABI Publishing. ISBN 0 85199 500 4. 205-224.

Articles in Journals (=refereed)*

- In press*, Orland, B. Persuasive New Worlds: A Commentary on Virtual Technologies and Community Decision-Making. Landscape and Urban Planning. 13pp.
- In press*, Orland, B., T. Murtha. Show me: Engaging citizens in planning for shale gas development. Environmental Practice. 28pp.
- 2014*, Wei, M., K.W. Houser, B. Orland, D. H. Lang, N. Ram, M. J. Sliwinski, M. Bose. Field Study of Office Worker Responses to Fluorescent Lighting of Different CCT and Lumen Output. Journal of Environmental Psychology. 39:62-76.
- 2014*, Orland, B., N. Ram, D. H. Lang, K.W. Houser, M. Coccia, N. Kling. Saving Energy in an Office Environment: A Serious Game Intervention. Energy and Buildings. 74:43-52. ISSN 0378-7788, DOI: 10.1016/j.enbuild.2014.01.036. See also: http://youtu.be/6B_ID9qhAvg
- 2013*, Ram, N., M. Coccia, D. Conroy, A. Lorek, B. Orland, A. Pincus, M. Sliwinski, D. Gerstorff Behavioral Landscapes and Change in Behavioral Landscapes: A Multiple Time-Scale Density Distribution Approach. Research in Human Development. 10, 1, 88-110.
- 2006, Orland, B. The 0.1 Percent Dilemma: How can Academics Grow the Profession when 99.9 percent of High School Students Don't Apply to Landscape Architecture Programs? Landscape Architecture, 96, 11: 88-92.
- 2003*, Stewart, W., K. Larkin, B. Orland, D. Anderson. Boater Preferences for Beach Characteristics Downstream from Glen Canyon Dam, Arizona. J. of Environmental Management, 69, 201-211.
- 2003, Orland, B., and R. Marshack. A Walk Beside the Yamuna: Engaged Communication. Architecture+Design, India. Vol. XX, #6, 68-71. (Vol. features "Taj Mahal Cultural Heritage District Plan": Orland was a co-author.)
- 2001*, Orland, B., K. Budthimedhee, and J. Uusitalo. Considering Virtual Worlds as Representations of Landscape Realities. Landscape and Urban Planning. 54, 139-148.

Papers in proceedings (=refereed)*

- 2015*, Orland, B. The Path to Geodesign: The Family Car of Digital Landscape Architecture? Digital Landscape Architecture. Dessau, Germany.
- 2014*, Orland, B. and T. Murtha. Show me: Engaging citizens in planning for shale gas development. National Association of Environmental Professionals. St. Petersburg, FL.
- 2014*, Murtha, T. and B. Orland. Local lessons for a global landscape challenge: Design and planning responses to unconventional shale gas development. Digital Landscape Architecture. Zurich.
- 2013*, Orland, B., N. Ram, D. H. Lang, K. Houser, N. Kling, M. Coccia. Energy Chickens and Dashboard Players: Giving Occupants the Power to Save Energy. Greenbuild. http://www.greenbuildexpo.org/Files/2013/GRB-Research_v5.pdf.
- 2013*, Orland, B. and T. Murtha. Here comes the boom: shale gas, landscapes and an ecological planning imperative. Fábos Conference on Landscape and Greenway Planning. Amherst, MA.

- 2013*, Wei, M., K.W. Houser, B. Orland, D. H. Lang, N. Ram, M. J. Sliwinski, M. Bose. Office Workers Response to Fluorescent Lamps of Different CCT and Lumens Output. Architectural Engineering Institute.
- 2009, Orland, B., Approaches for Assessing and Managing Rural Amenity Value. International Symposium for Rural Future Vision and Amenity. National Academy of Agricultural Science, Republic of Korea. (invited)
- 2008, Orland, B., Information for design: Interacting environmental systems in space and time. Specialist Meeting—Spatial Concepts in GIS and Design. National Center for Geographic Information and Analysis, UC-Santa Barbara. <http://ncgia.ucsb.edu/projects/scdg/docs/position/Orland-position-paper.pdf> (invited)
- 2004*, Rusnak, C., B. Orland, J. Hendrych. Reciprocal Benefits of Student Service-Learning in Addressing the Needs of Heritage Landscapes. In: Proceedings, 7th Symposium US-ICOMOS (International Commission on Monuments and Sites) CD-ROM 9pp.
- 2002*, Kalisperis, L., Otto, G., Muramoto, K., Gundrum, J., Masters, R., Orland, B. An Affordable Immersive Environment in Beginning Design Studio Education. ACADIA 2002, San Luis Obispo, CA.
- Abstracts (*=refereed)*
- 2014*, Orland, B., Schwartz, D., Sorvig, K. & Callaway, D. Subsurface to Surface: Fracking Necessitates Landscape Architectural Practice. American Society of Landscape Architects, Washington, DC. November 23, 2014.
- 2013*, Orland, B., D. Lang, N. Ram. Serious Games and Serious Energy Saving. Behavior, Environment and Climate Change. Sacramento, CA.
- 2013, Orland, B., D. Lang, N. Ram. Serious Games Interventions for Energy-Saving. Research Conference. Greater Philadelphia Regional Innovation Cluster for Energy Efficient Buildings, US Dept of Energy.
- 2013*. Bose, M., B. Orland. Assessing the impact of an immersive service-learning program in Tanzania: Lessons from the field. Council of Educators in Landscape Architecture. Austin, TX.
- 2013*. Orland, B., T. Murtha and C.A. Cole. A Geodesign Approach for Energy Development-enabled Sustainability. Council of Educators in Landscape Architecture. Austin, TX.
- 2012, Orland, B., D. Lang, N. Ram, K. Houser and J. Smyth. Occupant Behavior and Energy Efficiency: Well-being, Intervention. Strategic Management Review. Greater Philadelphia Regional Innovation Cluster for Energy Efficient Buildings, US Dept of Energy.
- 2012*. Bose, M., B. Orland, K. D. Davis, M. Sliwinski, M. Sciegaj, C. A. Cole, C. P. Ferreri. The impact of Marcellus Shale drilling activity on rural communities in Pennsylvania: exploring the role of the natural environment. Council of Educators in Landscape Architecture. Champaign, IL.
- 2011*, Gorenflo, L.J., B. Orland. Human Dimensions of Biodiversity Conservation at Udzungwa Mountains National Park, Tanzania: Challenges and Opportunitites of Community Design. 8th TAWIRI Scientific Conference. Arusha, Tanzania.
- 2011*. Orland, B., M. Bose, K. D. Davis, M. Sliwinski, M. Sciegaj, C. A. Cole, C. P. Ferreri. Effects of Marcellus Shale Gas Development on Environment and Health. Association of Collegiate Schools of Planning. Salt Lake City, UT.
- 2011*. Sliwinski, M., B. Orland, K. D. Davis, M. Bose, M. Sciegaj, C. A. Cole, C. P. Ferreri, and E. Munoz. Perceptions of the Natural Environment and Health among Residents in Marcellus and Non-Marcellus Communities. Marcellus Shale Academic Applied Research Conference. Altoona, PA.
- 2006*. Orland, B. and C. Rusnak. Service Learning in the Service of Historic Preservation. European Council of Landscape Architecture Schools. Bratislava, Slovakia.
- 2006*. Orland, B. Seeking a Common Vision in a Multifaceted World. European Council of Landscape Architecture Schools. Bratislava, Slovakia.
- 2004*, Orland, B. Image Creation Challenges for Study of Public Perceptions of Projected Fire Hazard Conditions. International Symposium on Social Science in Resource Management. Keystone Resort, CO.
- 2002*, Orland, B., L. Armstrong , C. Ursavas, K. Donaghy, N. Balta, B. Hinsman, M. Plotnikova, Y-W. Kim, E. Herricks, W. Eheart. Integrating Information about Social and Natural System Responses to Regional Climate Change. International Symposium on Social Science in Resource Management. Bloomington, IN.
- 2002*, Orland, B., N. Korostoff, L. Armstrong, D. Pentland. Constructing "calibrated" image sets for investigation of perceived fire hazard. Int'l Symposium on Social Science in Resource Management. Bloomington, IN.
- 2002*, Hines, D., Daniel, T., Weideman, E., Orland, B. Public Response to Restoration Options in Midwestern

Woodland and Savannah Ecosystems. Int'l Symposium on Social Science in Resource Management.
Bloomington, IN.

Bulletins or Reports

2008. Contributor to reports to the Vice President of Research and Dean of Graduate School, Penn State: "Globalization of Graduate Education" and "Interdisciplinary Graduate Education"
- 2007, Contributor to White Paper "Building the Profession" American Society of Landscape Architects, Council on Education. Washington DC: ASLA. 12pp.
- 2007, Orland, B. Status of Reforestation in the Bwa Gauche and Gros Mont Watersheds of Haiti. Report to CODEP (Comprehensive Development Program of HaitiFund Inc.) 36pp.
- 2004, Orland, B., "Reading LABOK" Chapter in Williams, K., B. Orland and Thomas, N., Landscape Architecture Body of Knowledge Report ASLA, CELA, CLARB, LAAB, CSLA. Pp 13-24.
- 2003, Orland, B. Status of Reforestation in the Bwa Gauche and Gros Mont Watersheds of Haiti. Report to CODEP (Comprehensive Development Program of HaitiFund Inc.) 36pp.
- 2000, Bellafiore, V., A. Sinha, B. Orland, and T. Harkness. Taj Mahal Cultural development District: Development Plan. Project report. Ministry of Tourism, Government of Uttar Pradesh. University of Illinois, Urbana. 64pp.

Published Computer Software

- 2014, Orland, B., D. Lang, N. Ram, K. Houser, N.Kling. Energy Chickens: Serious game intervention for energy saving. Creative Commons release. StudioLab, Penn State University.
- 2002, Orland, B., M. Davis, SmartForest: Dynamic forest visualization (for AIX/UNIX). Software release to US Forest Service. Imaging Systems Laboratory, Penn State University.
- 2002, Orland, B., L. Wu-Cavener, Java-SmartForest: Dynamic forest visualization. Software release to US Forest Service. Imaging Systems Laboratory, Penn State University.
- 2000, Orland, B., and R. Marshack. Taj Mahal Cultural development District: Development Plan. CD-ROM. Ministry of Tourism, Govt. of Uttar Pradesh. Dept of Landscape Architecture, University of Illinois, Urbana.

Videotape and Information Media

- 2000, Orland, B., and R. Marshack. Taj Mahal Cultural development District: Development Plan. CD-ROM. Ministry of Tourism, Government of Uttar Pradesh. Department of Landscape Architecture, University of Illinois, Urbana.

Exhibitions

- 2013, Ram, N., B. Orland, C. Ng, M. Ballora, S. Ostoff. Playing the Archive. StudioLab-sponsored exhibit and performance, February 4, 2013. BioBehavioral Health Building, Penn State University Park.

Plenary Presentations

- 2015, Orland, B. The Path to Geodesign: The Family Car of Digital Landscape Architecture? Digital Landscape Architecture. Dessau, Germany.
- 2014, Orland, B. Lightning Talk: Engaged Geodesign in the Forgotten Quarter of Pennsylvania. Geodesign Summit, Redlands, CA. January 29-30, 2014. <http://proceedings.esri.com/library/userconf/geodesign14/>
- 2013, Orland, B. and V. Loftness. Energy Chickens and Dashboard Players: Giving Occupants the Power to Save Energy. *Greenbuild*. http://www.greenbuildexpo.org/Files/2013/GRB-Research_v5.pdf.
- 2008, Orland, B. Keynote: A Crisis in Numbers? Spring meeting: LeNOTRE-Mundus network of ECLAS-European Council of Landscape Architecture Schools. Brussels.
- 2008, Orland, B. Keynote: LABOK—The Landscape Architecture Body of Knowledge. Spring meeting: LeNOTRE-Mundus: ECLAS-European Council of Landscape Architecture Schools. Brussels.
- 2007, Orland, B. Keynote: The 0.1 Percent Dilemma: How can Academics Grow the Profession when 99.9 percent of High School Students Don't Apply to Landscape Architecture Programs? Annual meeting: Pennsylvania/Delaware Chapter of ASLA.
2006. Orland, B. Seeking a Common Vision in a Multifaceted World. European Council of Landscape Architecture Schools. Bratislava, Slovakia.

2004, Orland, B. Reciprocal Benefits of Student Service-Learning in Addressing the Needs of Heritage Landscapes. 7th Symposium US-ICOMOS (International Commission on Monuments and Sites). Natchitoches, LA.

Invited Presentations

- 2012, Orland, B. and C. A. Cole. Land Use and Development Planning in the Chesapeake Watershed. Whitaker Center, Harrisburg, PA.
- 2011, Orland, B. and L. Gorenflo. Food and fuel security adjacent to Udzungwa Mountains National Park, Tanzania: Student learning and research outcomes. Geography Coffee Hour. Penn State University.
- 2009, Orland, B., Approaches for Assessing and Managing Rural Amenity Value. International Symposium for Rural Future Vision and Amenity. National Academy of Agricultural Science, Republic of Korea.
- 2009, Orland, B., Emerging opportunities for managing rural visual resources. Yesan University, Republic of Korea.
- 2009, Orland, B., Information for landscape planning: Interacting environmental systems in space and time. National Academy of Agricultural Science, Republic of Korea.
- 2003, Orland, B., Rehearsing environmental change, synthesizing solutions to environmental problems. Geography Department Coffee Hour. Penn State University.
- 2002, Orland, B., Understanding and representing fire behavior in investigations of perceived fire hazard Fire Hazard Perception Workshop. North Central Forest Experiment Station, Chicago.
- 2001, Orland, B., Visualization: How real is real enough? Invited speaker. Looking Beyond the Trees: Visual Stewardship of the Working Forest. British Columbia Ministry of Forests. Kamloops, BC.
- 2000, Orland, B., K. Donaghy, N. Balta, B. Hinsman, J. Li, M. Plotnikova, E. Dancuart, Y-W. Kim. A Support System for Regional-scale Decision-making in Response to Global Climate Change Issues Workshop: Regional Impacts of Global Climate Change. University of Illinois at Urbana-Champaign.
- 2000, Balta, N., K. Donaghy, B. Orland. Understanding and Responding to Climate Change at the Regional Level: Applications of On-line DSSs. Association of Collegiate Schools of Planning, Atlanta.

Grants Received

- 2013, Brantley, S. (PI) Orland and others (Investigators) Using the Susquehanna - Shale Hills CZO to Project from the Geological Past to the Anthropocene Future." National Science Foundation. \$33,000 (Student support)
- 2013, Ram, N., B. Orland, S. Osthoff, M. Ballora (Co-PIs), Playing the Archive. Penn State Institute for Arts and Humanities. \$7,500
- 2013, Royer, M., B. Orland, S. Smith (Co-PIs), Greening the Lower Susquehanna. National Fish and Wildlife Foundation. \$1,456,276
- 2012, Orland, B., T. Lang, N. Ram, K. Houser and J. Smyth, Co-Investigators. Occupant Behavior and Energy Efficiency: Serious Games. Component of H. Foley (PI) Greater Philadelphia Regional Innovation Cluster for Energy Efficient Buildings, US Dept of Energy. \$200,000 of \$129m total.
- 2012, Echols, S. (PI) S. Clark, B. Gray, B. Orland, R. Ready, K. Saacke-Blunk, J. Shortle, C. Duffy. Center for Green Infrastructure and Stormwater Management. Environmental Protection Administration. \$2,173,026
- 2011, Orland, B., T. Lang, N. Ram, K. Houser and J. Smyth, Co-Investigators. Occupant Behavior and Energy Efficiency: Well-being, Intervention and Energy Saving Behavior. Component of H. Foley (PI) Greater Philadelphia Regional Innovation Cluster for Energy Efficient Buildings, US Dept of Energy. \$506,000 of \$129m total.
- 2011, Arthur, M.(PI) K. Brasier, D. Miller, B. Orland, E. Prins, Co-Investigators, Marcellus Matters: Engaging Adults in Science and Energy (EASE), National Science Foundation. \$2,541,418.
- 2010, Orland, B., M. Bose and M. Sliwinski, Co-Investigators, Interaction of Building Environmental Factors and Human Health. Component of H. Foley (PI) Greater Philadelphia Regional Innovation Cluster for Energy Efficient Buildings, US Dept of Energy. \$600,000 of \$129m total.
- 2010, Orland, B. (PI), An iPad -based Augmented Reality Tool for Design, Planning and Research in Environmental Change. Penn State University Stuckeman Fund for Collaborative Design Research. \$14,758
- 2010, Sliwinski, M. and B. Orland (Co-PIs), Environmental and psychosocial risk regulators of stress in time and context. Penn State University Marcellus Shale Initiative. \$65,881
- 2010, Orland, B. and L. Gorenflo (Co-PIs) Habitat, Hunger, Health—Human and Biodiversity Needs Where Parks and People Meet: Udzungwa Mountains National Park, Tanzania. Private foundation support, \$250,000

- 2009, Cole, C.A., M. Brittingham-Brant, B. Evans, L. Gorenflo, M. Kaye, B. Orland, K. Tamminga, C. Ferreri, C. Tzilkowski (Co-PIs) Assessment of Natural Resource Condition at National Parks throughout the Northeast Region. National Park Service. \$124,930 (renewable)
- 2007, Bose, M., and B. Orland. Investigating minority student perception and participation in landscape architecture as a career choice. College of Arts and Architecture Faculty research Grant \$9,000
- 2003, Daniel, T., B. Orland, J. Vining (PIs). Integrated quantitative and qualitative evaluations of public response to the modeled effects and outcomes of fuels management programs. USDA Forest Service North Central Experiment Station. \$250,565
- 2002, Orland, B. (PI), and N. Korostoff. Connectivity and fuels in Pine Barrens forest types and their influence on perceived fire hazard. North Central Forest Experiment Station, RWU NC-4902. \$57,750
- 2002, Orland, B. (PI) and D. Nadenicek. Planning a Graduate Level Practicum in the Czech Republic. Heinz Endowments. \$38,000
- 2001, Orland, B., PI. Interface Development: Integrated Assessment of Climate Change Impact in the Mackinaw River Watershed, Illinois. Sub-contract to the University of Illinois at Urbana-Champaign. EPA Agreement Number: R827551-01. \$82,683
- 2001, Orland, B., PI, and N. Korostoff. The influences of forest bio-physical characteristics on perceived fire hazard. USDA Forest Service. North Central Forest Experiment Station, RWU NC-4902. \$70,434
- 2000, Orland, B., PI. Developing the SmartForest Interface: Integration with INFORMS and Java Development. Completion of work initiated at University of Illinois. USDA Forest Service. \$35,584.
- 2000, Orland, B., PI. Developing the SmartForest Interface: Integration with INFORMS and Java Development. USDA Forest Service. \$64,977.
- 2000, Orland, B., PI. The Impact of Visualization on Natural Resource Decision-Making. Completion of work initiated at University of Illinois. USDA RMRS-99149-RJVA. USDA Resource Conservation Service. \$31,255.
- 2000, Orland, B., PI. Visualization development to support study of the relationships between natural resource aesthetics and biophysical conditions relevant to ecosystem management. Sub-contract to the University of Arizona in support of: "Prospects for an Ecological Aesthetic", T.C. Daniel (PI). USDA Forest Service. \$31,522.

Supervision of Student Research

*PhD Research advised, * = co-supervised*

- 2014, R. Bianchetti, PhD, Geography. Cognitive Task Analysis in the Training of Aerial Sketch Mapping
- 2013, S. Ayer, PhD, Architectural Engineering. Teaching Sustainable Design Principles with Serious Games
- 2004,* K. Budthimedhee, PhD, Urban and Regional Planning, University of Illinois. Evaluation of Visualization Strategies for Decision Support Systems.
- 2002, *B. Deal, PhD, Urban and Regional Planning, University of Illinois. Evolution of Urban Ecosystems.
- 2000, E. Tyler, PhD, Urban and Regional Planning, University of Illinois. An Environmental Values Scheme.

*Master's theses advised, * = supervised.*

- (in progress) *M. Oliver, MS
- (in progress) K. Stauffer, MS
- (in progress) Brittany Wong, MArch
- 2012, *J. Powell, MS, Recreation Opportunities in Three Pennsylvania State Parks
- 2010, J. Cook – MLA, Examining the Relationship between Design Quality Indicators (DQI) of the Built Environment and Health Status in Rural Pennsylvania.
- 2008, *J. Fitzpatrick, MLA. Willingness to pay for sustainable features in suburban development
- 2005, *C. Ursavas, MS, Industrial Engineering. Visualizing Data for a Forest Environment
- 2004, Y. W. Kim Using GIS-generated visualization for environmental evaluation.
- 2004, S. Cheng. GIS and Genius Loci: Participatory GIS in community design.
- 2004, *E. Mainzer, MLA. Develop and Validate the ITS/SALA Immersive Environments Lab
- 2004, *D. Pentland, MLA. Issues of Human Perception and Fire Hazard in the Wildland Urban Interface
- 2004, *L. Harris, MLA. Digital Tools for Communicating Human-Wildlife Interaction Issues
- 2004, *J. Zelinski, MLA. Comprehending the Products of Design: Digital and Traditional
- 2000, *N. Tomar, MLA. Evaluations of Visualization Techniques

University Service:*Departmental/College/University Committee work:*

2013-2014, University Presidential Search Committee

2013-2014, University CyberInfrastructure Governance Task Force

2012-2013, University Education Abroad Task Force

2011-12, Promotion and Tenure, Department of Landscape Architecture

2011-present, Search Committee: Hankin Chair, College of Engineering

2011-present, Evaluation Committee: Evan Pugh Professorship (Chair, 2013-14)

2010-present, Steering Committee, Penn State Social Science Research Institute

2010-present, Cluster lead, University Cyber Task Force

2010-present, Steering Committee, Alliance for Education, Science, Engineering and Development in Africa

2009, Task Force on a Global Engagement Node in China

2008, Interim Associate Dean for Research and Graduate Studies, College of Arts and Architecture

2008-present, Steering Committee, Penn State Institute for Energy and Environment

2008, Task Force on the Globalization of Graduate Education

2008, Task Force on Interdisciplinary Graduate Education

2008-2010, Steering Committee: SmartSpaces Initiative

2007-2009, Coordinating Council on University Assessment

2005-2007, Steering Committee, University Academic Leadership Forum

2000-2008, Head, Department of Landscape Architecture

2000-2008, Chair, School of Architecture and Landscape Architecture (SALA) Council

2000-2008, Co-Chair, Center for Watershed Stewardship Executive Committee

Advising:

Fall 2006, Spring 2008, Graduate Program Coordinator

2002-2008, Advisor – 70+ first-year and change-of-major/transfer students

Special service to the college and department that has contributed to college and departmental goals

2005-2007, Planning department's 100th birthday celebration with Asst. Dept. Head Kelleann Foster.

2000-2008, Direct participation in Recruiting: FTCAP, Spend a Summer Day, Offer Group and Open House visits.

2000-2008, Participation in Heads and Chairs meetings at ASLA and CELA

Professional and Public Service:*Program Reviews*

2008. Review panel – National Science Foundation IGERT. Washington, DC

Journal Reviews

Editorial Board, Environment and Behavior (2012 to date)

Landscape Journal (1987 to date)

URISA Journal (Urban and Regional Information Systems Association) (1990 to date)

Landscape and Urban Planning (1987 to date)

Computers, Environment and Urban Systems (1989 to date)

Forest Science (1989 to date)

Service to professional organizations

2014. Chair, Accreditation team – BLA Program, University of Kentucky

2013. Chair, Accreditation team – MLA Program, University of Florida

2012. Chair, Accreditation team – BLA Program, Colorado State University

2011. External evaluation team, College of Architecture, Illinois Institute of Technology

2010. Chair, Accreditation team – BSLA Program, Purdue University

2009. Chair, Accreditation team – BLA Program, University of Nevada-Las Vegas

2008. Chair, Accreditation team – BLA Program, Kansas State University

2008. Accreditation team member – BLA Program, Cal Poly San Luis Obispo

2007 Planning, Annual Meeting of the Council of Educators in Landscape Architecture, Penn State August 2007.

2006-8 (with Asst. Dept. Head Kelleann Foster) Planning and development of a recruiting CD-ROM for the five landscape architecture programs in PA/Del – Penn, Temple, Philadelphia, Chatham College and PSU.

2004-present, Council on Education, American Society of Landscape Architects

2004-2006, Landscape Architecture Body of Knowledge Task Force, ASLA Appointee

2003-2004, Landscape Architecture Body of Knowledge Task Force, CELA Appointee

External reviewer: Promotion and Tenure reviews, Iowa State University, Cornell University, University of Illinois, Clemson University, University of Kentucky, Rutgers University, UC-Davis, .

Community services

2009-present, Co-director, Study Abroad at Udzungwa Mountains National Park, Tanzania

1992-2000, Department coordinator, East St Louis Action Research Project.