

## **David L. Tulloch, Ph.D.**

Associate Professor  
Department of Landscape Architecture  
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Grant F. Walton Center for Remote Sensing and Spatial Analysis  
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### **EDUCATION**

Ph.D. in Land Resources, University of Wisconsin-Madison, May 1997  
Dissertation: A Theoretical Model of the Life Cycle of Community Multipurpose Land  
Information Systems Development, Major Professor: Bernard J. Niemann, Jr.  
M.L.A., Louisiana State University, May 1994  
Thesis: Suitability Study Using a Multiple Objective Decision Model and Regional Planning  
Techniques, Major Professor: Daniel Earle  
B.S.L.A., University of Kentucky, May 1992

### **Professional Experience**

Research Consultant, National States Geographic Information Council, 1997  
Assistant Planner, D. N. Young & Associates, Inc., Gonzales, LA, 1993-1994  
AutoCAD Operator, Brown & Butler, Inc., Civil Engineers, Baton Rouge, LA, 1993  
Assistant Landscape Architect, Scruggs and Hammond, Inc., Landscape Architects,  
Lexington, KY, 1988-1992

### **Academic Experience**

Associate Professor, Department of Landscape Architecture, 2003-present  
Curriculum Coordinator, Environmental Planning and Design (150 students), 2003-present  
Assistant Professor, Department of Landscape Architecture, 1997-2003  
Associate Director for Program Development and GIS Applications Program Leader,  
Center for Remote Sensing and Spatial Analysis, Cook College, Rutgers University,  
1997 - present  
Graduate Faculty of Geography, 1997 - present  
Graduate Research Assistant, Land Information and Computer Graphics Facility,  
University of Wisconsin - Madison, 1994 - 1997

Graduate Teaching Assistant, School of Landscape Architecture, Louisiana State University, 1992-1994  
Instructor, The Princeton Review, Baton Rouge, LA and Madison, WI, 1993-1994  
Instructor, PrepMaster GRE Intensive Review, Baton Rouge, LA, 1992-1993  
Teaching Assistant, Department of Horticulture and Landscape Architecture, University of Kentucky, 1991

## **SCHOLARLY ACTIVITY**

### **Refereed Papers**

- Tulloch, D., and E. Graff, 2007. "Green Map exercises as an avenue for problem-based learning in a data-rich environment," *Journal of Geography* Special Issue on Geographic Data and Education (Accepted; Forthcoming).
- Tulloch, D., and F. Harvey, 2007, "When Data Sharing Becomes Institutionalized: Best Practices in Local Government GI Relationships," *URISA Journal*, [http://www.urisa.org/Journal/Under\\_Review/tulloch/when\\_data\\_sharing.htm](http://www.urisa.org/Journal/Under_Review/tulloch/when_data_sharing.htm) (Accepted).
- Tulloch, D., 2007. "Many, many maps: Empowerment and the rapid growth of online participatory mapping," *First Monday* 12:2 (online at: [http://www.firstmonday.org/issues/issue12\\_2/tulloch/index.html](http://www.firstmonday.org/issues/issue12_2/tulloch/index.html)).
- Lathrop, R.G., D. L. Tulloch, C. Hatfield, 2007. "Consequences of Land Use Change in the New York-New Jersey Highlands, USA: Landscape Indicators of Forest and Watershed Integrity," *Landscape and Urban Planning* 79: 2, 150-159.
- Harvey, F., and D. L. Tulloch, 2006. Local Government Data Sharing: Evaluating the Foundations of Spatial Data Infrastructures. *International Journal of Geographical Information Science*, 20(7), 743-768.
- Tulloch, D. L., and T. Shapiro, 2003, "The Intersection Of Data Access And Public Participation: Impacting GIS Users' Success?" *URISA Journal* (<http://www.urisa.org/Journal/APANo2/Tulloch.pdf>).
- Tulloch, D. L., Hasse, J., Myers, J., Parks, P., and Lathrop, R. 2003. The Challenge of Automating Public Farmland Preservation Techniques, *Landscape and Urban Planning*, 63:1, 33-48.
- Tulloch, D., 2002. Data Shaping the Landscape: How Institutionalizing GIS Can Impact Public Decisionmaking and Policies About Our Landscapes, Council of Educators in Landscape Architecture 2002 Conference Proceedings.
- Tulloch, D., 2002. "Locally Produced Geodetic Control and Cadastral Framework Data in the United States," *Surveying and Land Information Systems*, 61 (3): 201-205.
- Tulloch, D. L., and E. Epstein. 2002. "Benefits of Community MPLIS: Efficiency, Effectiveness, and Equity," *Transactions in Geographic Information Systems*, 6 (2): 195-212.
- Tulloch, D. L., and J. Fuld. 2001. "County-level Production of Framework Data: Pieces of a National Spatial Data Infrastructure?" *Journal of the Urban and Regional Information Systems Association*, 13 (2), 11-21. Available on-line at: ["http://www.urisa.org/Journal/Under\\_Review/tulloch/exploring\\_county\\_level\\_production\\_of.htm"](http://www.urisa.org/Journal/Under_Review/tulloch/exploring_county_level_production_of.htm)
- Tulloch, D., and M. Robinson. 2000. A Progress Report on a U.S. National Survey of Geospatial Framework Data, *The Journal of Government Information*, 27: 285-298.
- Tulloch, D., 2000. "Data Shaping The Landscape: GIS and Stewardship," *Landscape Journal*, 19: 211-219.
- Tulloch, D. L. 1999. "Theoretical Model of Multipurpose Land Information Systems Development," *Transactions in Geographic Information Systems*, 3: 3, 259-83.
- Tulloch, D. L., D. Barnes, D. Bartholomew, D. Danielson, and N. von Meyer. 1997. "The Wisconsin Land Information Program: Supporting Community Land Information

System Development," *Surveying and Land Information Systems*, 57 (December): 4, 241-248.

Tulloch, D. L. 1994. "Areal Changes in US Forested Wetlands from 1940-1990," *Wetlands Ecology and Management*, 3 (1994) 1, 49-53.

### **Book Chapters**

Tulloch, D., 2007. "Public Participatory GIS," Entry in K. Kemp and D. Unwin (Eds.) *Encyclopedia of GIS* (Forthcoming).

Tulloch, D., 2008, "Institutional GIS" Chapter 25 in J. Wilson and S. Fotheringham (Eds.) *Handbook of Geographic Information Science* pp. 449-465.

Elmes, G., E. Epstein, R. McMaster, B. Niemann, B. Poore, E. Sheppard, and D. Tulloch, 2004. "GIS and Society: Interrelation, Integration, and Transformation," Chapter 10 in R. B. McMaster and E. L. Utery, *A Research Agenda for Geographic Information Science*, Boca Raton: CRC Press, pp. 287-312.

Lathrop, R.G., and D. Tulloch, C. Hatfield, P. Parks, C. Phillipuk, J. Bogner, R. Pirani, M. Phelps and M. Hoppe. 2004. GIS-based Conservation Values Assessment of the New York-New Jersey Highlands. In: *Message for the Tatra: Geographical Information Systems and Remote Sensing in Mountain Environmental Research*. W. Widacki, A. Bytnerowicz and A. Riebau (Eds.), Jagiellonian University Press and USDA Forest Service. pp. 201-216.

Tulloch, David L. 2002. Environmental NGOs and Community Access to Technology as a Force for Change. In Craig, Will, Trevor Harris, and Daniel Weiner. *Community Participation and Geographic Information Systems*. London: Taylor and Francis. 192-204.

Tulloch, D. L. 1999. "The Wisconsin Approach: A State-Wide, Parcel-Based, Grass Roots Solution," in *Digital Parcel Mapping: Standards and Strategies for New Jersey's Parcel Mapping Communities*, K. Parrish (ed.), Trenton, NJ, New Jersey State Mapping Advisory Committee.

Tulloch, D. L. 1999. "The Wisconsin Approach: A State-Wide, Parcel-Based, Grass Roots Solution," in *Digital Parcel Mapping Handbook: Standards and Strategies for New Jersey's Parcel Mapping Communities*, K. Parrish (ed.), Chicago, IL, Urban and Regional Information Systems Association. (Nationally marketed and distributed version of above document)

Wiggins, L., D. L. Tulloch, R. Sieber. 1999. "Organizational Issues," in *Digital Parcel Mapping: Standards and Strategies for New Jersey's Parcel Mapping Communities*, K. Parrish (ed.), Trenton, NJ, New Jersey State Mapping Advisory Committee.

Wiggins, L., D. L. Tulloch, R. Sieber. 1999. "Organizational Issues," in *Digital Parcel Mapping Handbook: Standards and Strategies for New Jersey's Parcel Mapping Communities*, K. Parrish (ed.), Chicago, IL, Urban and Regional Information Systems Association. (Nationally marketed and distributed version of above document)

### **Selected Conference Proceedings**

Tulloch, D. L. and J. M. Hartman, 2005. "Moving the Appalachian Trail: Inventory, Analysis, Models, and Maps," ESRI User Conference, San Diego, CA (<http://gis.esri.com/library/userconf/proc05/papers/pap2060.pdf>).

Tulloch, D., 2004. "The Green Map System as a Means for PPGIS Education and Exploration," 3rd Annual PPGIS Conference, Madison, WI, URISA (<http://crssa.rutgers.edu/ppgis/PPGIS2004.pdf>).

Tulloch, D., 2003. "What PPGIS Really Needs Is...," 2nd Annual PPGIS Conference, Portland, OR, URISA.

Tulloch, D., 2000. "Looking Back and Looking Ahead: The State of Framework Data," Proceedings of URISA 2000, 427-36 (CD-ROM).

- Tulloch, D. L. 1998. "Environmental NGOs: Community Access to Technology as a Force for Change," Workshop Paper for National Center for Geographic Information Analysis Specialist Meeting on Empowerment, Marginalization, and Public Participation GIS (<http://ncgia.ucsb.edu/varenius/ppgis/papers/tulloch/tulloch.html>).
- Sheppard, E., G. Elmes, B. J. Niemann, D. L. Tulloch, E. F. Epstein, and R. Taupier. 1998. "GIS and Society," UCGIS White Paper.
- Epstein, E. F., Tulloch, D. L., and B. J. Niemann, Jr. "Efficiency, Effectiveness, and Equity: Necessary Benefits for Community MPLIS Justification," Proceedings of URISA '97 (CD-ROM).
- Tulloch, D. L., E. F. Epstein, and B. J. Niemann. 1997. "Will Concern For Equity Be A Defining Trend In LIS/GIS In The Next Decade?," 1997 ACSM/ASPRS Annual Convention and Exposition, Technical Papers Volume 5: Auto-Carto, 13 429-438.

### Poster Session

- Shao, N., J. Hasse, D. Tulloch, J. Hartman, S. Strom. 1999. "The Value of Green in the City: Analyzing Relationships of Housing to Components of Urban Forestry Using GIS and Remote Sensing Imagery," Contributed Poster Session, International Association for Landscape Ecology: 5th World Congress, Snowmass, CO.

### Other Select Publications

- Graff, E. and D. Tulloch, 2007. "Integration von Jugendlichen in die Stadtplanung," *Garten + Landschaft*. 117: 4, 32-34. (Invited; in German)
- Lathrop, R.G., C. Hatfield and D. Tulloch. 2003. Section 2: Land Resources. In: New York-New Jersey Highlands Regional Study Technical Report. Ed. M. Hoppe. USDA Forest Service NA-TP-04-03, Newtown Square, PA. pp. 45-219.
- US Forest Service. 2002. *The Highlands of New York and New Jersey Regional Assessment: Final Report*. Government Printing Office: Washington, DC.
- Tulloch, D., 2002. "Institutional GIS," Draft Research Challenge for the Universities Consortium for Geographic Information Sciences. (<http://www.crssa.rutgers.edu/InstitutionalGIS.html>)
- Carlile, J., B. H. Davis, P. Brainard, D. L. Tulloch, and J. M. Hartman. 2002. *High Lakes Greenway: Vision Plan*, Morris Land Conservancy. Boonton, NJ. (Forthcoming)
- Tulloch, D., 2001. "Position Paper on Landscape Change," for the Workshop on Landscape Change, Santa Barbara, CA, January 2001. (<http://www.ncgia.ucsb.edu/landscape-2/landscape.htm>)
- Tulloch, D. 1999. "The Portland Community: A Working Model of Framework Data Sharing and Coordination," sidebar article in Framework Data Survey Preliminary Report, a Supplement to Geo Info Systems, 32.
- Tulloch, D. L., E. F. Epstein, D. D. Moyer, B. J. Niemann, S. J. Ventura, and R. Chenoweth. 1998. "GIS and Society: A Research Agenda," ViewPoint. Winter 1998.
- Tulloch, D. L., D. D. Moyer, and B. J. Niemann. 1998. "Modernizing Dane County's Register of Deeds: Saving Property Owners \$4.6 Million," Land Information Bulletin, No. 1.
- Tulloch, D. L., E. F. Epstein, B. J. Niemann., and S. J. Ventura. 1997. Multipurpose Land Information Systems Development Bibliography: A Community-wide Commitment to the Technology and its Ultimate Applications. National Center for Geographic Information Analysis Technical Report 97-1. Santa Barbara, CA.
- Tulloch, D. L., B. J. Niemann, S. J. Ventura, and E. F. Epstein. 1996. "The Final Stages of Land Records Modernization and Their Associated Benefits: The Pot at the End of the Rainbow?" White Paper for the Workshop on The Future of Spatial Data and Society, Mapping Science Committee, National Academy of Sciences/National Research Council, April 1996.

Tulloch, D. L., and B. J. Niemann. 1996. "Adoption and Diffusion of GIS: Working Bibliography," White Paper for the Workshop on The Future of Spatial Data and Society, Mapping Science Committee, National Academy of Sciences/National Research Council, April 1996.

Tulloch, D. L., and B. J. Niemann. 1996. "Evaluating Innovation: The Wisconsin Land Information Program," *Geo Info Systems* 6 (October) 10, 40-44.

### **Select Presentations, Panels, and Lectures**

Tulloch, D., 2006. "Land Use, Landscape Architecture and GIS," Guest Lecture at University of Kentucky.

Tulloch, D., 2005. "Backsights and Foresights: Some thoughts on Digital Stewardship and Landscape Architecture," Presented in GIS in LA Workshop, ASLA 2005, Ft. Lauderdale.

Steinitz, C, S. Ervin, D. Olsen, and D. Tulloch, 2005. "Spatial Technology in Landscape Architecture," Panel in GIS in LA Workshop, ASLA 2005, Ft. Lauderdale.

Tulloch, D., 2005. "Moving the Appalachian Trail: Inventory, Analysis, Models, and Maps," ESRI User Conference, August 2005.

Tulloch, D., 2004. "GIS-based Green Mapping with Landscape Architecture Students," Municipal Art Society Panel on Sustainability Education and Mapping, October 2004.

Tulloch, D., 2004. "The Green Map System as a Means for PPGIS Education and Exploration," 3rd Annual PPGIS Conference, Madison, WI.

Tulloch, D., 2003. "A Multidisciplinary Approach to Developing a Landscape Change Research Agenda and Program Through Research, Teaching, and Outreach," *Council of Educators in Landscape Architecture*, September 2003.

Tulloch, D., 2003. "What PPGIS Really Needs Is...", 2nd Annual PPGIS Conference, Portland, OR.

Tulloch, D. L., and F. Harvey. 2002. "Best Practices for Data Sharing in Local Government," 2002 Annual Conference of *the Urban and Regional Information Systems Association*, October 2002.

Tulloch, D. L., 2002. "Data Shaping the Landscape: How Institutionalizing GIS Can Impact Public Decisionmaking and Policies About Our Landscapes," *Council of Educators in Landscape Architecture*, September 2002.

Tulloch, D., 2002. "Farmland Preservation in the Garden State: Automation and Advancement of a Spatially-Implicit Policy," College of Agriculture, University of Kentucky, Lexington, KY, January, 2002. (Invited)

Tulloch, D., 2001. "GIS and Landscape Architecture and Stewardship," Department of Landscape Architecture and Regional Planning, University of Massachusetts-Amherst, Amherst, MA, February 2001. (Invited)

Tulloch, D., 2000. "Looking Back and Looking Ahead: The State of Framework Data," 2000 Annual Conference of the Urban and Regional Information Systems Association.

Tulloch, D., "What is METRO GIS worth? And to Whom?," Portland METRO, Portland, OR, April 2000. (Invited)

Tulloch, D., "Land Information Systems: Benefits of Community Applications," Portland State University, Portland, OR, April 2000. (Invited)

Tulloch, D., "Benefits Of The Development Of Community Multipurpose Land Information Systems," Technical University of Vienna, Vienna, Austria, March 2000. (Invited)

Tulloch, D., "What are the Costs and Benefits of GIS Adoption and Use," presented to the Open Space Workshop, organized by the Morris Land Conservancy, December 1999. (Invited)

Tulloch, D., "Messages from the Landscape: What Our Landscapes Tell Us, and What They Say About Us," Rutgers Alumni College, Winston-Salem, NC, 1999. (Invited)

Tulloch, D., "Democratization of GIS," Roundtable Moderator, URISA '99, Chicago. (Invited)

Tulloch, D., "Environmental NGOs: Community Access to Technology as a Force for Change," PPGIS Specialist Meeting: Empowerment, Marginalization, and Public Participation GIS, Santa Barbara, CA, 1998.

Tulloch, D., "Publicly Accessible Geo-Spatial Data: Different Needs for Different Users," 1998 Annual Conference of the Council of Educators in Landscape Architecture, Arlington, TX.

## **TEACHING EXPERIENCE**

### **Teaching Activity (at Rutgers)**

#### **Programs Served:**

Environmental Planning and Design (Cook College Curriculum)

Landscape Architecture (Undergraduate Option)

Environmental Planning (Undergraduate Option and Certificate)

Environmental Geomatics (Undergraduate Option and Certificate)

Geography (Graduate faculty member)

Human Dimensions of Environmental Change (Graduate Certificate)

Geospatial Information Science (Graduate Certificate)

#### **Rutgers University Classes Taught (or co-taught):**

11:550:331 Intermediate Landscape Architecture I (<http://hahawall.rutgers.edu/jrstudio/>)

11:550:332 Intermediate Landscape Architecture II

11:372:478 Vector Geomatics

11:372:231 Fundamentals of Environmental Planning

(<http://deathstar.rutgers.edu/envplan/>)

01:450:625 Graduate Seminar: History of Geospatial Technologies

11:372:362 Intermediate Environmental Geomatics (<http://deathstar.rutgers.edu/intgeo/>)

11:372:462 Advanced Environmental Geomatics and

11:015:425 Cook Junior/Senior Colloquium: Applications of Information Technology to Land Use Issues (<http://deathstar.rutgers.edu/advgeo/>)

#### **Professional Classes Taught:**

Fundamentals of Geomatics, Cook Continuing Education, Geomatics Professional Certificate Program, October/November 2004.

Introduction to ArcView 8, Cook Continuing Education, Geomatics Professional Certificate Program, October/November 2003.

Introduction to ArcView 8, Cook Continuing Education, Geomatics Professional Certificate Program, June 2003.

Introduction to ArcView 8, Cook Continuing Education, Geomatics Professional Certificate Program, November 2002.

Introduction to ArcView, Cook Continuing Education, Geomatics Professional Certificate Program, (Co-taught with Rowan and Wiggins), October 1999.

Introduction to ArcView, Cook Continuing Education, Geomatics Professional Certificate Program, (Co-taught with Rowan), February 1999.

Introduction to Geographic Information Systems Workshop, Annual Joint Meeting of the New Jersey State Mapping Advisory Committee and the Mid-Atlantic Chapter of the Urban Regional Information Systems Association, (Co-taught with Chris Perks) June 1998.

**Graduate Committees Served:**

Masters – Chair of 3  
Masters – Served on 4  
Doctoral – Chair of 2  
Doctoral – served on 5

**Undergraduate Advising:**

Currently serve as an advisor for roughly 60 students in Environmental Planning and Design  
Served as Internship or Co-operative Education advisor for about 18 students

**FUNDING****Funded Research and Projects**

- Tulloch, D., 2007-12. Umbrella station project, "Advancing New Jersey Landscape Change Research," New Jersey Agricultural Experiment Station. (amount unspecified)
- Tulloch, D., 2006-07 "The NJ E-Scape: A Landscape Information Resource for the New Millennium," NJASLA/ASLA Chapter Initiative Program grant.
- Cook College. 2006-07. "Waste Stream and BioEnergy Technology Assessment Project," NJ Board of Public Utilities \$160,000. Co-PI, Proposal Co-author, GIS team leader.
- Tulloch, D. 2006-07. "GIS Case Studies in Landscape Architecture," Rutgers University, Research Council Grant, \$1,000.
- Tulloch, D., and J. Myers, 2006. "Exploratory Study Using GIS and Aerial Photography to Remotely Identify Equine Facilities," through New Jersey Agricultural Experimentation Station, \$2,500.
- Future City, Inc., 2005-06. Sustaining Our Spaces, Elizabeth River/Arthur Kill Watershed, Geraldine R. Dodge Foundation, \$35,000. (Co-author, research leader)
- Lathrop, R., and D. Tulloch. 2004. "Advancing GIS-based Tools for Land Use Planning in the New Jersey Highlands," USDA Forest Service \$45,000.
- Lathrop, R., and D. Tulloch. 2002-03. "Applying GIS-based Tools for Land Use Planning in the New Jersey Highlands," Geraldine R. Dodge Foundation \$45,000.
- Tulloch, D., and Lathrop, R. "Evaluation of New Jersey Land Use Change in Relation to Spatial Proximity to Wetlands" New Jersey Center for Environmental Indicators, 6/03-12/03, \$5,000.
- Lathrop, R., D. Tulloch and C. Hatfield. "Assessment of the New York/New Jersey Highlands," US Forest Service/US Congress, \$175,000 5/01 – 6/02.
- Harvey, F., and Tulloch, D. "Building the NSDI at the Base: Establishing Best Sharing and Coordination Practices among Local Governments" UCGIS/FGDC, 12/01-12/02, \$45,000.
- Tulloch, D., " Exploratory Studies of the NSGIC/FGDC Framework Survey: Looking at the State of the Nation," The Universities Consortium for Geographic Information Sciences, \$29,000.
- Tulloch, D., " Comparative Study of Community GIS," Rutgers University, Research Council Grant, \$900.
- Tulloch, D., R. Lathrop, and P. Parks, United States Department Of Agriculture Cooperative State Research, Education, And Extension Service, National Research Initiative Competitive Grants Program, "Developing Community-based Tools for Farmland Preservation Evaluation," \$145,000, 9/99-8/01.
- Tulloch, D., 1998-2006. Umbrella station project, "Study Of Local Government Development And Application Of Geo-Spatial Technologies," New Jersey Agricultural Experiment Station. (amount unspecified)

Strom, S., J. M. Hartman, and D. L. Tulloch, United States Department Of Agriculture - National Urban and Community Forestry Advisory Council, \$104,700, 7/97-12/99.

### **AWARDS AND RECOGNITION**

NJASLA, 2005 Merit Award in Analysis and Planning, "The AT at Bear Mountain; Inventory and Analysis" given to 11:550:331 Intermediate Landscape Architecture II.

National Park Service, 2004, Appalachian Trail 100-Hour Volunteer.

Young Scholar Award, Universities Consortium for Geographic Information Sciences, 2002.

### **Awards to Students**

1<sup>st</sup> Place Newbie of the Year, 2<sup>nd</sup> Place Most Unique, 2<sup>nd</sup> Place Best Overall Non-DEP, 2007 New Jersey Department of Environmental Protection Annual Mapping Contest, Student team from 11:372:462 Advanced Environmental Geomatics (<http://www.state.nj.us/dep/gis/mapcon20.htm>)

1<sup>st</sup> Place Newbie of the Year, 2<sup>nd</sup> Place Most Unique, 2006 New Jersey Department of Environmental Protection Annual Mapping Contest, Serkan Talip, Nicholas Laub, Dan Sgrizzi, Peter Kovac, David Gates, Student team from 11:372:462 Advanced Environmental Geomatics (<http://www.state.nj.us/dep/gis/mapcon19.htm>)

1<sup>st</sup> Place Best Newbie, 2<sup>nd</sup> Place Best Cartographic Design, 2005 New Jersey Department of Environmental Protection Annual Mapping Contest, Bill Millette, Steven Rainey, Shaughn Norton, Student team from 11:372:462 Advanced Environmental Geomatics (<http://www.state.nj.us/dep/gis/mapcon18.htm>)

Best Overall Map (Non-NJDEP), 2<sup>nd</sup> Place Most Unique, 2<sup>nd</sup> Place Best Newbie, 2003 New Jersey Department of Environmental Protection Annual Mapping Contest, Matt Jones, Tsz Ting Liu, Marina Lotarevich, Robert Martin, Brett Taylor, Alan Lee, Jeffrey Skinner, Student team from 11:550:332 Intermediate Landscape Architecture II, (<http://www.state.nj.us/dep/gis/mapcon16.htm>)

2003 New Jersey Department of Environmental Protection Annual Mapping Contest, Matt Jones, Tsz Ting Liu, Marina Lotarevich, Robert Martin, Brett Taylor, Alan Lee, Jeffrey Skinner, Student team from 11:550:332 Intermediate Landscape Architecture II, (<http://www.state.nj.us/dep/gis/mapcon16.htm>)

2<sup>nd</sup> Place, 2002 National Green Space Design Competition, Joann Diez, April Dewart, Tina Travers, Student team from 11:550:332 Intermediate Landscape Architecture II ([http://www.greenspacedesign.org/news\\_competition.html](http://www.greenspacedesign.org/news_competition.html)).

### **SERVICE**

#### **Service to the University Community (including the department)**

Undergraduate Program Director for Environmental Planning and Geomatics (~150 students), 2003-present

Faculty search committees, 8 positions 1999-present

Hutcheson Memorial Forest Steering Committee, School of Environmental and Biological Science, 2007-present.

Geography Graduate Admissions Committee, 2003

Planned and led Department Fall Field Trip ~40 students on four-day field trip 2000, 2002, 2003, 2005, 2007.

Member, Cook College Building and Grounds Committee, 2005-present

Member, Cook College Committee on Teaching Effectiveness, Evaluation and Improvement, 2000-2005.

Board Member, Rutgers Delegate, the University Consortium for Geographic Information Sciences, 1998-present

Guest Design Studio Juror, averaging three juries per semester, 1997 - present  
Faculty advisor to the LA Club/Student Chapter of the ASLA, 1998-2002  
Faculty advisor to Sigma Lambda Alpha, 2002-present  
Planned and led Rutgers University Outdoors Club hike, Manhattan Tip-to-Tip, Spring 2002-05  
Planned and led Rutgers University Outdoors Club hike, Brooklyn Tip-to-Tip, Spring 2006

### **State & Public Community**

GIS Technician Personnel Examination Author, NJ Department of Personnel, 2007.  
NJ Landscape Project Peer Review Committee, NJ Department of Environmental Planning, 2005-present.  
Board Member, Future City Inc, Elizabeth, NJ. 2005-2007.

### **Service to the Scientific and Professional Community**

Visiting Team Member, LAAB Reaccreditation Team, Iowa State University, November 2007  
DiBiase, D., M. DeMers, A. Johnson, K. Kemp, A. T. Luck, B. Plewe, E. Wentz (Eds.). 2006. *Geographic Information Science and Technology Body of Knowledge, 1<sup>st</sup> Ed.* University Consortium for Geographic Information Science. (Advisory Board)  
NJ ASLA, NJ E-Scape Project Leader  
Book Review Editor for URISA Journal 2004-present  
Board of Trustees for the Universities Consortium for Geographic Information Science ([www.ucgis.org](http://www.ucgis.org)) 2004-07  
Proposal Reviewer for National Science Foundation and Federal Geographic Data Committee  
Paper Reviewer for Landscape Journal, International Journal of Geographic Information Science, Transactions in GIS, URISA Journal, Journal of Soil and Water Conservation