Kevin L. Kane

126 College of Design / Iowa State University / Ames, Iowa 50011 / (515) 294-0526
kkane@iastate.edu

Education

Ph.D., Educational Leadership and Policy Studies, May 2007.
Dissertation topic: *University academic professional staff: Augmenting traditional faculty teaching, advising, and research roles.*
Iowa State University, Ames, Iowa. January 2002 to May 2007. Higher Education

Master of Landscape Architecture (Geographic Information Systems), May 1986.
Thesis topic: *Integration of Landsat data into the MSDAMP geographic information system for regional recreation planning applications.*
Iowa State University, Ames, Iowa. June 1983 to May 1986. Landscape Architecture

Bachelor of Arts, Physical Education and Leisure Studies (Outdoor Recreation Planning), July 1982.
Iowa State University, Ames, Iowa. September 1977 to July 1982.

Bachelor of Science, Landscape Architecture, May 1982.
Iowa State University, Ames, Iowa. September 1977 to July 1982.

Current Positions

Associate Dean for Research and Outreach, College of Design, Iowa State University.
(8/12 to present).

Associate Director, Institute for Design Research and Outreach (IDRO).
Responsibilities include research and outreach support of College of Design faculty, staff, and students including leading the Institute for Design Research and Outreach, the research institute of the College of Design. Serve on the Dean's administrative and executive teams. Represent the College of Design on campus-wide research and outreach committees and initiatives and external research and outreach liaison with governmental, corporate, and citizen groups. (8/12 to present).

Director, ISU Geographic Information System (GIS) Support and Research Facility.
Iowa State University GIS Support and Research Facility, Ames, Iowa. Direction and administration of the ISU GIS Facility and supervision of Facility employees; GIS coordination within all colleges and departments at Iowa State University (ISU), developing internal research and programs to help ISU faculty, staff, administrators, graduate and undergraduate students understand and use GIS; preparing and administering contracts for GIS and remote sensing work throughout Iowa State; keeping GIS planning efforts current; liaison with state of Iowa GIS organizations; represent ISU and the State of Iowa in the Iowa Geographic Information Council (IGIC), MidAmerica Geographic Information Consortium (MAGIC), and AmericaView. Assist the Dean of the College of Design to develop and support specialized GIS and remote sensing needs throughout Iowa State University and Iowa. (2/97 to present).

Adjunct Assistant Professor, Department of Landscape Architecture.
Teaching graduate coursework for the GIS Certificate program, member of the ISU Graduate Faculty, leading the new undergraduate GIS minor, independent studies in GIS, and professional reviewer in the seven design disciplines. (2/97 to present).

Previous Positions

Director, Iowa State University GIS Graduate Certificate Program.
Managed applications, program of study, curriculum development, seminar, and mentoring for the ISU GIS Graduate Certificate program. (1/15 to 9/15)

Research Collaborator, Department of Natural Resource Ecology and Management.
Research collaboration, teaching graduate independent studies in the GIS Certificate Program, graduate students program of study committee member. (2/97 to 5/12).

Manager, ISU Geographic Information System (GIS) Support and Research Facility.
Managing the ISU GIS data and software libraries; providing technical assistance to ISU GIS users, coordinating and providing GIS training within ISU; providing geographic data and other information to ISU faculty, staff, administrators, and graduate students; development of high priority GIS data layers for Iowa State; review and recommend GIS hardware and software for ISU; manage the ISU GIS site license, and other project specific tasks. (2/97 to 8/12)

Assistant Director, Office of Academic Information Technologies (AIT).
Assist Director of Academic Information Technologies (AIT); direct, manage, and supervise AIT's ISU GIS Research and Support Facility, AIT Communications, and AIT Web Development Services; member of the AIT Planning Committee, AIT management team; AIT Project Management Team chair and facilitator; liaison with college IT coordinators. Assist ISU CIO in IT reorganization (7/04 to 7/05).

President, Professional and Scientific (P&S) Council, Iowa State University.
Lead the P&S Council in its mission to serve as a resource and as an advocate for ISU's professional and scientific employees. The Council identifies and communicates the needs of its constituents to the administration, provides information and advice in response to those needs, and recommends to the administration policies and procedures that benefit P&S employees and assist in fulfilling the mission of the university. Member of the President's Advisory Committee on Budget and Planning, Strategic Planning Committee, and Strategic Planning Facilitation Group. (Two terms from 6/03 to 6/05).

Vice President , Professional and Scientific (P&S) Council, Iowa State University
With the president, lead the P&S Council in its mission to serve as a resource and advocate for P&S employees. The Council identifies and communicates needs of its constituents, provides information and advice in response to those needs, and recommends to the administration policies and procedures that benefit P&S employees and assist in fulfilling the mission of the university. (6/02 to 6/03).

Chairperson, Iowa Geographic Information Council (IGIC)
Lead the IGIC in its mission to act as a clearinghouse for GIS information and expertise in Iowa, encourage the development of open GIS standards, facilitate the voluntary exchange of data among GIS users in Iowa, encourage the use of telecommunications networks, including the Iowa Communications Network, for exchange of ideas improve policy makers' knowledge of GIS and related technologies, and serve as a focal point for intergovernmental efforts to receive additional funds, especially federal funds, for GIS development in Iowa. The Chairperson presides at all meetings of IGIC and is responsible for the implementation of the Council's decisions and is the chief representative of the IGIC with other organizations. (7/98 to 6/99 and 7/02 to 6/03).

Past Chairperson, Iowa Geographic Information Council (IGIC)
Lead the IGIC in its strategic planning initiatives. Serves as part of the IGIC Executive Committee implementing its mission to act as a clearinghouse for GIS information and expertise in Iowa, encourage the development of open GIS standards, facilitate the voluntary exchange of data among GIS users in Iowa, encourage the use of telecommunications networks, like the Iowa Communications Network, for exchange of ideas improve policy makers' knowledge of GIS and related technologies, and serve as a focal point for intergovernmental efforts to receive additional funds, especially federal funds, for GIS development in Iowa. (7/99 to 6/00 and 7/03 to 6/04).

Adjunct Assistant Professor of Geography & GIS Lab Manager, Drake University.
Teaching GIS lectures and labs for the Department of Geography and Geology; assisting in curriculum development for geotechnical series of courses; department involvement in campus-wide GIS initiatives; and working with other Drake faculty and staff to attract students and funding for the Drake GIS program. Classes taught include Geography 052 (sophomore level), Introduction to Geographic Information Systems; Geography 152 (senior level), Applications of Geographic Information Systems; and Geography 192 (senior level), Advanced Topics in Geography. Lab manager responsibilities include day to day management of the Drake University Geographic Information Technologies Lab including hardware and software purchasing and operations, hiring student staff for lab research and contract projects, administration of lab project contracts, writing grant proposals for lab projects, lab equipment, and program expansion. (8/93 to 5/98, promoted from instructor to adjunct assistant professor 2/96).

Geographic Information System Coordinator, Iowa Department of Natural Resources (DNR)
GIS coordination within all divisions of the DNR, with other Iowa state agencies, the federal government and other state governments, and representing the state of Iowa in the Iowa Geographic

Information Council (IGIC) and the National States Geographic Information Council (NSGIC); developing internal programs to help administrators and staff understand and use GIS across all DNR programs; preparing and administering contracts for GIS work throughout the Iowa DNR; managing the DNR GIS data and software libraries; liaison with the Iowa Legislature and citizens of Iowa regarding GIS issues; providing technical assistance to all DNR GIS users, coordinating and providing GIS training within the DNR, providing geographic data and other information to DNR staff, administrators, commissions, and legislators as required; development of high priority GIS data layers as specified in NRGIS Implementation Plan; keeping GIS planning efforts current; review and recommend GIS hardware and software for the DNR; and other project specific tasks. (1/87 to 2/97).

Continuous Quality Improvement (CQI) Coordinator, Iowa DNR.
CQI coordination throughout the DNR; facilitating and leading CQI Steering Team and project improvement teams; facilitating strategic planning and team training; and representing the DNR's quality initiatives in Iowa state government and outside organizations. Member of State of Iowa CQI coordinating committee. (1/94 to 2/97).

Lecturer, Drake and Iowa State Universities.
Assisting in teaching lectures and labs for Community and Regional Planning 451X, Introduction to Geographic Information Systems at Iowa State University. Developed the Geographic Information Systems curriculum for Drake University Department of Geography and Geology. (1/93 to 5/93).

State Comprehensive Outdoor Recreation Planner, Iowa DNR.
Preparation of the 1988 Iowa State Comprehensive Outdoor Recreation Plan (SCORP) and yearly Action Plan reports for the National Park Service; conducting and coordinating all recreation-related studies and surveys; development and implementation of the Iowa Outdoor Recreation Facilities database; coordinating Land and Water Conservation Fund project review and scoring system; statewide recreation trails planning; County Conservation Board technical assistance; and liaison to the Iowa Legislature and citizens of Iowa regarding outdoor recreation issues in Iowa. (1/85 to 1/87).

Graduate Research Assistant, Land Use Analysis Laboratory, Department of Agronomy, ISU.
Supervision of land cover/land use database development for use in GIS, and preparation for several projects under contract at the Land Use Analysis Lab. (8/83 to 1/85).

Graduate Teaching Assistant, Department of Landscape Architecture, ISU.
Developing FORTRAN computer programs and other related materials for use in landscape analysis and geographic information system courses at Iowa State and research work at the Land Use Analysis Lab at ISU. (8/83 to 1/85).

Research Consultant, Iowa Inter-Agency Research Council, in cooperation with the Iowa Conservation Commission and the Iowa Department of Soil Conservation, Des Moines, Iowa.
Development of detailed guidelines for the preparation of county land use inventories as required by 1982 Iowa legislation; development of computerized methods for compiling and analyzing county land use inventory data; development of computerized techniques for graphic presentation of data compiled from county land use inventories. (11/82 to 7/84).

Planning Assistant, Story County Planning Department, Nevada, Iowa.
Supervision and compilation of the 1983 Story County Land Use Inventory and accompanying land use policy revision studies. (5/83 to 8/83).

Data Specialist, Iowa Natural Areas Inventory (INAI), The Nature Conservancy (TNC), Des Moines, Iowa.
Mapping information on endangered species habitats and significant natural areas in Iowa; developing report programs for computerized database. (7/82 to 5/83).

Data Specialist (Intern), INAI, TNC, Des Moines, Iowa.
Mapping managed natural areas and endangered species habitats in Iowa. (5/82 to 7/82).

Planning Aid (Intern), Iowa Conservation Commission, Des Moines, Iowa.
Resource inventory and analysis for Brushy Creek State Recreation Area; development of detail drawings for landscape demonstration area in Springbrook State Park. (5/82 to 7/82).

Secretary, University Recreation Services (URS), Executive Council, Iowa State University, Ames, Iowa.
Formulating URS policy, funding and budgeting approvals, and URS judicial appeals board. (9/80 to 5/82).

Undergraduate Research Assistant, Department of Landscape Architecture, ISU.
Aerial photo interpretation and classification of Iowa vegetation and landform types. (2/81 to 5/81).

Publications, Research Papers, & Reports

Otis, D., et. al. (2010). Assessment of Environmental Services of CREP Wetlands in Iowa and the Midwestern Corn Belt. Iowa State University, Ames.

Junggoth, R., W. Wirojanagud, S. Pitaksanurat, and K.L. Kane. (2008). Analysis of Integrated Expert Geographic Information Systems for Secured Landfill Sites. Journal of Applied Sciences, 8(4), 562-573.

Kane, K.L. (2008). Book Reviews [Review of the book *Connecting non full-time faculty to institutional mission*]. *Journal of College Student Development, 49(2),* 155-156.

Loan-Wilsey, A., R.L. McNeely, K.L. Kane, D. Otis. (2008). Assessment of wildlife benefits of CREP projects in Iowa. Interim research report, Iowa State University, Ames.

Johnson, R.M. & ISU P&S Survey Committee. (2007). Professional and Scientific Employee Survey, 2006-2007. Iowa State University Professional and Scientific Council Report, Iowa State University, Ames.

Kane, K.L. (2007). University academic professional staff: Augmenting traditional faculty teaching, advising, and research roles. Ph.D. Dissertation, Iowa State University, Ames.

Kane, K.L. (2006). Assessing the increasing responsibilities of professional staff at Iowa State University. Unpublished manuscript, Iowa State University, Ames.

Loan-Wilsey, A., R.L. McNeely, P.D. Brown, K.L. Kane, and C.L. Pierce (2005). The Iowa Aquatic Gap Analysis Project Final Report. Iowa Cooperative Fish and Wildlife Research Unit, Iowa State University, Ames.

Kane, K.L. (2005). A multivariate statistical analysis of upper-level academic professional staff at Iowa State University. Unpublished manuscript, Iowa State University, Ames.

Kane, K.L. (2004). An analysis of non-faculty academic professional staff in higher education. Unpublished manuscript, Iowa State University, Ames.

Kane, K.L. (2004). The organization and roles of non-faculty academic professionals at large research universities: An investigation of the literature. Unpublished manuscript, Iowa State University.

Kane, K.L. (2004). Academic professionals in the university workplace: Issues of cultural equity. Unpublished manuscript, Iowa State University

Loan-Wilsey, A., R.L. McNeely, P.D. Brown, K.L. Kane, and C.L. Pierce (2004). A Comprehensive Biological Inventory Database for the Iowa Aquatic GAP Project, in The Gap Analysis Bulletin, Vol. 12, 2002, pp. 2 & 3.

Kane, K.L. (2004). Iowa Gap Analysis Final Report Summary, in The Gap Analysis Bulletin, Vol. 12, 2002, pp. 41 & 42.

Kane K.L., E. E. Klaas, K. L. Andersen, P. Brown and R. L. McNeely. (2004). The Iowa Gap Analysis Project Final Report. Iowa Cooperative Fish and Wildlife Research Unit, Iowa State University, Ames.

Kane, K.L. (2003). Iowa Gap Analysis Project Report, in The Gap Analysis Bulletin, Vol. 11, 2002, pp. 64 & 65.

Kane, K. L. (2002). Competition for human resources funding: The uneasy balance of merit staff, professional staff, and faculty at research universities in recessionary times. Unpublished manuscript, Iowa State University, Ames.

Kane, K.L. (2002). Iowa Gap Analysis Project Report, in The Gap Analysis Bulletin, Vol. 10, 2001, pp. 54.

Kane, K.L. (2001). Summary Report, Analysis of Biological Diversity Conservation in Iowa Using Geographic Information Systems and Gap Analysis, in Iowa Cooperative Fish and Wildlife Research Unit Annual Report, Vol. 66, pp. 18-19.

Kane, K.L. (2001). Development of Aquatic GAP Analysis for Iowa, in Iowa Cooperative Fish and Wildlife Research Unit Annual Report, Vol. 66, p. 10.

Kane, K.L. (2001). Development and Use of the Iowa Rivers Information System, in Iowa Cooperative Fish and Wildlife Research Unit Annual Report, Vol. 66, pp. 6-7.

Kane, K.L. (2001). Iowa Gap Analysis Project Report, in The Gap Analysis Bulletin, Vol. 9, 2000, pp. 59-61.

Kane, K.L. (2000). Analysis of Biological Diversity Conservation in Iowa Using Geographic Information Systems and Gap Analysis, in Iowa Cooperative Fish and Wildlife Research Unit Annual Report, Vol. 65, pp. 15-17.

Kane, K.L. (2000). Development and Use of the Iowa Rivers Information System, in Iowa Cooperative Fish and Wildlife Research Unit Annual Report, Vol. 65, p. 2.

Kaufman, G., Kane, K., et al. (2000). Partnering in Great Plains Regional GAP, in The Gap Analysis Bulletin, Vol. 9, 2000, pp. 5-7.

Kane, K.L. and G. Hadish, (2000). The Iowa Geographic Image Map Server, Coordinated GIS, October 2000, Ames, IA.

Prairie Rivers RC&D. (1999). Environmental Atlas of the Prairie Rivers RC&D. Iowa State University, Ames, IA.

Klaas, E.E. and Kane, K.L. (1998) Iowa Vegetation Cover Mapping, Project Quality Assurance Project Plan. US EPA, Kansas City, MO.

Kane, K.L. (1998). Hydrological Systems as a Three Dimensional Surface: Toward a Predictive Spatial Model for the Aquatic/Terrestrial Transition Zone. Unpublished manuscript, Iowa State University, Ames, IA.

GIS Committee, Iowa Intergovernmental Information Technology and Telecommunications Committee. (1997). Project 8 Action Plan: Geographic Information Systems. State of Iowa, Des Moines, IA.

GIS Task Force, Iowa Intergovernmental Information Technology and Telecommunications Committee. (1997). Establishing a GIS Infrastructure for the State of Iowa. State of Iowa, Des Moines, IA.

Jackson, Laura Spess, et al. (1996). The Iowa Breeding Bird Atlas. University of Iowa Press, Iowa City, IA.

Kane, K.L. (1996). Iowa Geographic Information Council (IGIC) Home Page. http://www.geo.drake.edu/igic/index.htm (no longer operational), Drake University, Des Moines, IA.

Kane, K.L. (1996). National States Geographic Information Council (NSGIC) Home Page. Original site. (original no longer operational - now at http://www.nsgic.org/) Drake University, Des Moines, IA.

Kane, K.L. (1996). Drake University Department of Geography and Geology Home Page. http://www.geo.drake.edu (no longer operational), Drake University, Des Moines, IA.

Iowa Department of Natural Resources, Geographic Information Section. (1995). GIS Internet Resource of the Month. GIS World, June 1995, Fort Collins, CO.

Iowa Geographic Information Council. (1995). Memorandum of Understanding. IGIC, Des Moines, IA.

Kane, K.L. (1995). IGIC's Draft Memorandum of Understanding. Coordinated GIS, February, 1995, Ames, IA.

Kane, K.L. (1995). NSGIC Helps With Nationwide GIS Coordination. Coordinated GIS, February, 1995, Ames, IA.

Iowa Department of Natural Resources, Geographic Information Section. (1995). Public Access to State Government Information. Arc News, ESRI, Spring 1995, Redlands, CA.

Iowa Department of Natural Resources, TQM Pilot Project Team (1994). Total Quality Management Support Station Project. DNR Publication, Des Moines, IA.

Kane, K.L. (1993). Introduction to Geographic Information Systems Curriculum. Drake University, Des Moines, IA.

Kane, K.L. (1992). 1992 Mid-America GIS Survey. Mid-America GIS Consortium, Kansas City, KS.

Iowa Department of Transportation. (1992). Cooperative GIS Demonstration Project. DOT Publication, Ames, IA.

Iowa Department of Natural Resources. (1992) Natural Resources Geographic Information System Library. DNR Publication, Des Moines, IA.

Kane, K.L. (1991). Interfacing Geographic Information Systems with Groundwater Vulnerability Data. Iowa Groundwater Association Newsletter, Vol. 3, No. 2, p 6. June 1991. Oakdale, IA.

Kane, K.L. (1990). 1990 Mid-America GIS Survey. Mid-America GIS Consortium, Kansas City, KS.

Hoyer, B. & Kane, K.L. (1990) Natural Resources Geographic Information System. Iowa Information Management Committee Quarterly, January 1990, p. 2.

Iowa Department of Natural Resources, Geographic Information Task Unit. (1988). Iowa DNR Geographic Information Plan, and Iowa DNR GIS Implementation Report. DNR Publication, Des Moines, IA.

Iowa Department of Natural Resources. (1988). Iowa Statewide Comprehensive Outdoor Recreation Plan. DNR Publication, Des Moines, IA.

Iowa Department of Natural Resources. (1987). Iowa Statewide Trails Plan. DNR Publication, Des Moines, IA.

Kane, K.L. (1986). Integration of Landsat Data into the MSDAMP Geographic Information System for Regional Recreation Planning Applications. Graduate Thesis. Iowa State University, Department of Landscape Architecture, Ames, Iowa.

Kane, K.L., & Anderson, P.F. (1984). Application of Landsat Data and the MSDAMP Information System to Regional Recreation Planning. In J.G. Fabos (Ed.), Proceedings of the American Society of Landscape Architects: Landscape Planning Educational Session p. 19-28. Cincinnati, OH: American Society of Landscape Architects.

Gulliford, J., Anderson, P.F., and Kane, K.L. (1982) County land use inventory guidebook. Iowa Department of Soil Conservation and Iowa State University, Des Moines, IA.

Teaching

Professor, Landscape Architecture 590 (3 cr), Independent Study – Introduction to Geographic Information Systems – GIS Certificate, Iowa State University, Summer semester, 2015, Ames, IA

Professor, Community and Regional Planning 595, Graduate Seminar in Geographic Information Systems, Iowa State University, Spring Semester, 2015, Ames, IA

Mentor, RDG Design Residency, November 5-8, 2013. RDG Design Studios, Des Moines, IA.

Critique Panel, LA 301, "Confluence, Continuity, and Conservation in Eagle, CO," Iowa State University, Fall Sem. 2013. Ames, IA.

Professor, Landscape Architecture 590 (3 cr), Independent Study - Applications In Geographic Information Systems – GIS Certificate Capstone, Iowa State University, Spring & Summer semesters, '12, '10, '07, '06, and '05, Ames, IA.

Critique Panel, Final Projects, "CRP 452/552, Geographic Data Management and Planning Analysis," Iowa State University, Spring Semester 2013, 2012, 2011, 2010, 2009, 2008. Ames, IA

Critique Panel, LA 201, "Ada Hayden Park Site Design," Iowa State University, Spring Sem. 2012. Ames, IA.

Critique Panel, Final Projects, "LA 567, Advanced GIS Landscape Modeling", Iowa State University, Fall Semester 2011, 2010, 2009, 2008, 2007, 2006. Ames, IA

Critique Panel, Savanna Studio. Iowa State University, December 7, 2011.

Critique Panel, Final Projects, "Arch/LA 301, Site Planning and Design II," Kansas City River Market Area, Iowa State University, Fall Semester 2010 (12/8/10). Ames, IA

Critique Panel, Final Projects, "LA 401, Community Design", Alternative Futures for Lake Delhi and the Maquoketa River, Iowa State University, Fall Semester 2010 (12/8/10). Ames, IA

Critique Panel, "Species-based Landscape Planning for College Creek", LA 302, Regional Landscape Design. Iowa State University, February 22, 2010.

Critique Panel, "Scheman Center Entry Design", LA 201, Site Design I. Iowa State University, March 13, 2010.

Guest Speaker, "Research using GIS at Iowa State University", Community and Regional Planning 595, Seminar in GIS Applications and Research, Iowa State University, November 16, 2009.

Guest Panel, Higher Education Dissertation Seminar (HE615), Iowa State University, September 30, 2009.

Critique Panel, "Frederickson Court Storm Water Management", LA 302, Regional Landscape Design. Iowa State University, March 13, 2009.

Guest Lecturer, "Acquisition of Ada Hayden Park for Passive Recreation in Ames, IA", LA 302, Regional Landscape Design. Iowa State University, January, 2009.

Guest Panel, Higher Education Dissertation Seminar (HE615), Iowa State University, October 8, 2008.

Guest Lecturer, "GAP Analysis for Landscape and Wildlife Planning", LA 302, Regional Landscape Design. Iowa State University, March 15, 2008.

Guest Lecturer, "Acquisition of Ada Hayden Park for Passive Recreation in Ames, IA", LA 302, Regional Landscape Design. Iowa State University, January 14, 2008.

Guest Panel, Higher Education Dissertation Seminar (HE615), Iowa State University, October 2007.

Guest Lecturer, "Survey Research Methodology for 'University academic professional staff: Augmenting traditional faculty teaching, advising, and research roles -- Ph.D. Dissertation", Research and Evaluation 570x, Surveys in Educational Research, April 24, 2007.

Guest Lecturer, “Gap Analysis as a Technique for Wildlife Modeling”, LA 465/565 – NREM 465/565 Landscape Change and Conservation, Iowa State University, February 14, 2006.

Professor (with Professor Paul Anderson), "LA 567, Advanced GIS Landscape Modeling" (2 Credits), Iowa State University, Fall Semester 1999, 2000, 2002, 2003, 2004, 2005. Ames, IA

Guest Lecturer, “Iowa Rivers Information System”, Stream Ecology (AEcl 518), Iowa State University, February 5, 2002.

Instructor, "Advanced ArcView Techniques (Spatial Modeling), Iowa Chapter of the American Fisheries Society", Ames, IA., January 6&7, 2000.

Instructor, "Introduction to ArcView", Iowa State University Short Course, Ames, IA. January 2000, January & August 1999, January & August 1998, May & August 1997.

Instructor, "Introduction to ArcView 3.0 , Iowa Chapter of the American Fisheries Society", Ames, IA., December 29&30, 1998

Professor, Geography 152, Applications of Geographic Information Systems, (3 credits), Drake University, Spring Semester, '94, '95, '96, '97, and '98. Des Moines, IA.

Instructor, "Introduction to ArcView 3.0 for Iowa NRCS/USDA Staff", Ames, IA., February 17-20, 1998

Professor, Geography 052, Introduction to Geographic Information Systems, (3 credits), Drake University, Fall Semester, '93, '94, '95, '96, and '97, Des Moines, IA.

Professor, Geography 199, Independent Study - Topics In Geography, Drake University, Fall and Spring semesters, '95, '96, and '97, Des Moines, IA.

Instructor, "Becoming a Team Leader", Iowa DNR - Parks Strategic Planning Meeting, October 1, 1996, Ames, IA.

Instructor, "Introduction to ArcView." Iowa Department of Natural Resources Training Session, ('90-'96), Des Moines, IA.

Instructor, "Introduction to PC Arc/Info" Iowa Department of Natural Resources Training Session, ('93, '94), Des Moines, IA.

Instructor, "Statistical Process Control: Are You in Control?", Iowa Excellence Forum, October 10, 1995, Des Moines, IA.

Instructor, Community and Regional Planning 451X, Introduction to Geographic Information Systems, Iowa State University, Spring Semester, 1993, Ames, IA.

Instructor, "Introduction to the EPPL7 GIS for Wildlife Applications." Iowa Department of Natural Resources Training Session, ('90-'93), Des Moines, IA.

Instructor, "Overview of Total Quality Management." Iowa Department of Natural Resources Training Session, November 9, 1992, Iowa City, IA.

Presentations

Presenter, “Big Data and GIS,” Midwest Big Data Summer School, Iowa State University, June 20, 2016, Ames, Iowa.

Panel Member, “The Grant Proposal Review Process,” College of Design Research Symposium, Iowa State University, March 4, 2016, Ames, IA.

Moderator, “Design Research Symposium,” weekly research symposium for the College of Design, Iowa State University, Ames, IA. AYs ‘13, ‘14, ’15, ’16.

Moderator, "ISU GIS Day", Durham Center for Computation and Communication, Ames, IA, November 2012, 2010, 2008, 2007, 2006, 2005, 2004, 2003.

Presenter, “Geographic Information Systems (GIS) and their Application in Human Services,” State of Iowa Child Support Advisory Committee, June 8, 2012, Des Moines, IA.

Presenter, “Establishing the Iowa GIS Service Bureau: A multi-agency collaboration to serve the needs of Iowa’s GIS community,” Mid-America GIS Symposium, April, 23, 2012, Kansas City, MO,.

Presenter, “Geographic Information Systems (GIS) and their Application in the Human Sciences,” Human Development & Family Studies Research Seminar, Iowa State University, February 15, 2012, Ames, IA.

Tour Leader, “The ISU GIS Facility”, Iowa 4-H Leaders, Iowa State University, January 14, 2011, Ames, IA.

Tour Leader, “The ISU GIS Facility”, Iowa State Daily Editors, Iowa State University, July 1, 2010, Ames, IA.

Panel Member, “Leadership and Work/Life Balance”, Emerging Leaders Academy, Iowa State University, February 11, 2010, Ames, IA.

Panel Member, “Budget Model Development for Iowa State University”, presentation to University of Southern Mississippi Leadership, Ames, IA, February 10, 2010.

Presenter, “Strategic Planning for Recruiting & Retaining Faulty & Staff,” ISU Committee on Women Meeting, Ames, IA, November 9, 2009.

Consultant, Ellsworth Community College GIS Curriculum, Iowa Falls, IA, May 19, 2009.

Presenter, “Implementing the Multistate Aquatic Resources Information System (MARIS) Data Site”, MARIS Annual Research Meeting, Minneapolis, MN, December 10-12, 2008.

Presenter, “Academic Professionals at Iowa State University”, Provost’s Senior Staff Cabinet, Ames, IA, May 8, 2007.

Poster Presentation (Todorovic, Palic, Kane, Pierce), “Use of GIS Tools to Identify Critical Points for Assessment of Aquatic Ecosystem Health in Agricultural Areas and Potential for Natural Resource Management”, 6th Annual Iowa Water Monitoring Conference, Ames Iowa, February 16-17, 2006.

Speaker, “The World of GIS”, Iowa State University Youth Leadership Forum, Durham Center for Computation and Communication, Ames, IA, July 21, 2005.

Presenter, “IT for the Classroom: Geographic Information Systems”, Durham Center for Computation and Communication, Ames, IA, September 28, 2005.

Speaker, “Professional and Scientific Staff at Iowa State University”, ISU President’s Council, Ames, IA, March 26, 2004.

Speaker, “Closing Remarks”, Iowa State University Fall Convocation, Ames, IA, September 29, 2003.

Speaker, “Iowa Rivers Information System and Aquatic GAP Status”, Annual Iowa Cooperative Fish and Wildlife Research Meeting, Ames, IA, September 24, 2003.

Speaker, “Iowa Rivers Information System”, Stream & Watershed Integrated Management Workshop, Guthrie Center, IA, July 8, 2003.

Speaker, “Iowa Rivers Information System and Aquatic GAP Workshop”, Ames Forest Nursery, Ames, IA, February 21, 2003.

Speaker & Moderator, "ISU GIS Day", Durham Center for Computation and Communication, Ames, IA, November, 2002, 2001.

Speaker, "The Iowa Aquatic Gap Analysis Program", Aquatic Planning Workshop, Ames, IA, August 27, 2002.

Speaker, “Iowa Rivers Information System”, Stream & Watershed Integrated Management Workshop, Guthrie Center, IA, July 9, 2002.

Speaker, “Terrestrial and Aquatic Gap Analysis”, Annual CFWRU Coordinating Committee Meeting, Ames, IA, May 24, 2002.

Speaker, “”Establishing an Academic GIS Service Center”, MidAmerica GIS Symposium, Kansas City, MO, April 16, 2002.

Coordinator & Moderator, MidAmerica GIS Symposium, Kansas City, MO, April, 2002.

Speaker, "Serving and Securing Iowa", Iowa State Legislature, Des Moines, IA, February 25, 2002

Speaker, “GIS and Stream Ecology, the Iowa Rivers Information System”, Ames, IA, Feb 5, 2002.

Poster Presentation, “Iowa Rivers Information System”, 63rd Midwest Fish and Wildlife Conference, Des Moines, Iowa, December 10, 2001.

Poster Presentation, “The Iowa Gap Analysis Program”, 63rd Midwest Fish and Wildlife Conference, Des Moines, Iowa, December 10, 2001.

Presenter, "GIS at Iowa State University", 2001 ISU Technology Fair, ISU Memorial Union, Ames, IA, Oct. 22, 2001.

Speaker, "The Iowa Gap Analysis Program", 2001 Iowa GIS Conference, Iowa City, IA, Oct. 5, 2001.

Moderator, "Web-based GIS", 2001 Iowa GIS Conference, Iowa City, IA, Oct. 4, 2001.

Speaker, "Using GIS to Develop the Iowa Rivers Information System", 2001 Iowa GIS Conference, Iowa City, IA, Oct. 4, 2001.

Moderator & Speaker, "Iowa Gap Analysis 2001 Partners Meeting", ISU Memorial Union, May 16, 2001, Ames, IA.

Speaker & Workshop Planner, "Using GIS as a Tool for Roadside Data Collection", Data Collection Technologies for Roadside Features and As-Built Surveys Workshop, Construction and Civil Engineering Department, ISU, Ames, IA, May 2, 2001.

Speaker, "Iowa Rivers Information System", Stream Reference Conditions and Landscape-Scale Bioassessment Workshop, Central Plains Center for Bioassessment , Lawrence, Kansas, April 3, 2001.

Presenter, "IGIC Membership", Iowa Geographic Information Council Quarterly meeting, Ames, Iowa (ICN), January 9, 2001.

Speaker, "Gap Analysis Landcover Mapping", ISU Animal Ecology Seminar, Ames, IA, February 18, 2000

Speaker, "Implementing the Iowa Rivers Information System", Iowa Dept. of Natural Resources, IoWater Board Meeting, Des Moines, IA, January 11, 2000.

Speaker, "Implementing the Iowa Rivers Information System", Iowa Dept. of Natural Resources, Fisheries Research meeting, Ames Forest Nursery, January 5, 2000.

Host & Moderator, "ISU GIS Day", ISU Memorial Union, Ames, IA, November 19, 1999.

Speaker, "GIS on a Shoestring", Iowa ASLA Fall Conference & National GIS Day, ISU Memorial Union, Ames, IA, November 19, 1999.

Speaker, "Iowa Rivers Information System", Iowa Dept. of Natural Resources, Fisheries Research meeting, Spirit Lake Fish Hatchery, July 15, 1999.

Speaker, "GIS @ ISU", Computation Center Seminar, Ames, IA, July 9, 1999.

Speaker, "Wetlands as Part of the Iowa Gap Analysis Program", Iowa Dept. of Agriculture Wetlands at Lunch Program, January 21, 1999, Des Moines, IA.

Speaker, "GIS and Watershed Hydrology", Environmental Science 402, Iowa State University, December 10, 1998, Ames, IA.

Speaker, "Iowa GAP Landcover and Imagery", Iowa Dept. of Transportation Briefing, November 24, 1998, Ames, IA

Moderator, "Iowa Gap Analysis Program Annual Status Meeting", ISU Memorial Union, October 27, 1998, Ames, IA.

Moderator, State GIS Coordination, 1998 MidAmerica GIS Symposium, University of Nebraska, May 6, 1998, Lincoln, NE.

Panelist, Natural Resources and Environmental Protection Issue Group, 1998 MidAmerica GIS Symposium, University of Nebraska, May 5 & 7, 1998, Lincoln, NE.

Speaker, "Hydrological Systems as a Three Dimensional Surface: Toward a Predictive Spatial Model for the Aquatic/Terrestrial Transition Zone." Final Paper, Animal Ecology 518, Iowa State University, April 28, 1998, Ames, IA.

Speaker, "Abiotic Control of Stream Biota: Physical, Chemical, Hydrological and Spatial Factors", Animal Ecology 518, Stream Ecology, Iowa State University, February 10, 1998, Ames, IA.

Speaker, "Use of Remote Sensing Technology in the Study of Prairie Biodiversity.", 1997 Iowa Space Grant Consortium Conference, Drake University, October 24, 1997, Des Moines, IA.

Moderator, GIS and Natural Resources in Iowa Track, 1997 Iowa Geographic Information Conference, University of Northern Iowa, October 7, 1997, Cedar Falls, IA.

Speaker, "Use of GIS in the Iowa Gap Analysis Project", 1997 Iowa Geographic Information Conference, University of Northern Iowa, October 7, 1997, Cedar Falls, IA.

Speaker, "Using GIS as a Research Tool", Iowa State University, Department of Agronomy, Water Resources Seminar Series, September 22, 1997, Ames, IA.

Speaker, "Using GIS as a Tool for Geologic Research", Iowa State University, Department of Geology Seminar Series, September 19, 1997, Ames, IA.

Speaker, "Developing a GIS Infrastructure for Natural Resource Management in Iowa", Iowa State University GIS Lecture Series, December 12, 1996, Ames, IA.

Speaker, "Environmental Applications of GIS in Iowa", GIS-based Technologies for Local Level Development Planning, Presentation to the Government of India, Ministry of Science and Technology, December 9, 1996, Ames, IA.

Moderator, "What is GIS" and "Getting Started with GIS" sessions, 1996 Iowa Geographic Information Conference, October 8, 1996, Ames, IA

Speaker, "GIS and the Internet", National States Geographic Information Council Annual Conference, September 15, 1996, Tucson, AZ.

Speaker, "Geographic Information Systems and the Environment", Iowa Environmental Council Annual Meeting, September 7, 1996, Des Moines, IA.

Speaker, "State of Iowa Training Resources on the Internet", Governor's Department Head Staff Meeting, July 10, 1996, Des Moines, IA

Speaker, "State of Iowa Training Resources on the Internet", State of Iowa Alternative Training Committee, April 8, 1996, Des Moines, IA

Speaker, "GIS Experiences in Iowa", Iowa League of Resource Conservation and Development, April 2, 1996, Walnut, IA.

Moderator and Speaker, "Getting Started with GIS", 1995 Iowa Geographic Information Conference, November 7, 1995, Iowa City, IA

Speaker, "Continuous Quality Improvement at the Iowa Department of Natural Resources", Ohio Department of Natural Resources CQI Training Session, June 21, 1995, Columbus, OH.

Exhibitor, "Geographic Information Systems", State of Iowa Technology Fair, State of Iowa, October 11, 1993, Des Moines, IA.

Exhibitor, "GIS Applications at the Iowa Department of Natural Resources." Iowa State University GIS Fair, Iowa State University GIS Support and Research Facility, April 12, 1993, Ames, IA.

Speaker, "GIS Activities at the Iowa DNR." Transportation Video Imaging Seminar, Iowa Department of Transportation, November 5, 1992, Ames, IA.

Speaker and Panelist, "GIS Data Sharing at the Iowa DNR." ILLOWA Chapter AM/FM Meeting, ILLOWA Chapter AM/FM, September 9, 1992, Des Moines, IA.

Speaker and Panelist, "GIS in Mid-America, The Iowa Perspective." 1992 Mid-America GIS Symposium, Mid-America GIS Consortium, May 5-7, 1992, Kansas City, KS.

Speaker, "Implementation of GIS at the Iowa Department of Natural Resources." Design for Success with GIS, Iowa State University Engineering Extension, April 15, 1992, Ames, IA.

Exhibitor, "GIS Applications at the Iowa Department of Natural Resources." Iowa State University GIS Fair, Iowa State University GIS Support and Research Facility, April 14, 1992, Ames, IA.

Speaker, "Interfacing Geographic Information Systems with Groundwater Vulnerability Data." Iowa Groundwater Association Bi-Annual Meeting, Iowa Groundwater Association, April 30, 1991, Iowa City, IA.

Speaker, "Applications of GIS in Natural Resources", Iowa State University GIS Seminar, Guest Lecturer, Mar. '91, Iowa State University, Ames, IA.

Panelist, "GIS Systems, Uses, and Applications." Geographic Information Systems for Education Planning and Delivery, Iowa Department of Education and the State Library of Iowa, November 28, 1990, Des Moines, IA.

Speaker, "Cooperative GIS Efforts Between Local, State, and Federal Governments In Iowa." Arc/Info User Conference, Midwest-Great Lakes Arc/Info User Group, September 20, 1990, Kansas City, Mo.

Speaker and Panelist, "GIS/AM/FM Overview." American Public Works Association Fall Conference, Iowa Chapter APWA, August 17, 1990, Cedar Rapids, IA.

Moderator and Speaker, "GIS Activities at State and Local Levels of Government." 1990 Mid-America GIS Symposium, Mid-America GIS Consortium, May 1-4, 1990, Kansas City, KS.

Speaker, "Iowa State Trails Plan." Spring School of Instruction, Iowa Association of Counties, March 17, 1988, Des Moines, IA.

Research: Review, Proposals, & Awards

Research: Review Panels & Ad Hoc Reviews:

Ongoing (2012 to present):

College of Design Foreign Travel Grants (three times yearly)
College of Design Faculty Professional Development Assignments
College of Design Outreach Grants
College of Design Internal ISU Funding Proposals (Miller and Bailey Grants)

Iowa State University, College of Liberal Arts and Science Strategic Research Incubator proposal review. College of LAS. January 2018. Ames, IA.

Iowa State University, Proposal Review Panel Member, Presidential Interdisciplinary Research Initiative. Office of the Vice President for Research. 2017 &2018. Ames, IA.

Iowa State University, Proposal Review Panel Member, Bailey Research Grants. Office of the Vice President for Research, internal grant program. April to June 2016,. Ames, IA.

Iowa State University, Proposal Review Panel Member, Presidential Initiative for Interdisciplinary Research in Data Driven Science. Office of the Vice President for Research. 3-year, $4.5 M internal grant program. April to June 2016, May to June 2015. Ames, IA.

Iowa State University, Proposal Review Panel Member, Presidential Initiative for Interdisciplinary Research, Office of the President. $4.5 M internal grant program. November, 2012 to March, 2013. Ames, IA.

National Science Foundation, Ad Hoc Proposal Review, Office of International Science and Education, International Research Fellowship Program. January, 2011.

Environmental Systems Research Institute, ESRI Press, SpatiaLABS Review. November, 2010.

Indo-US Science & Technology Forum (IUSSTF), Smithsonian Institution, Collaborative Indian and U.S. scientific research to assist the scientific community in addressing technical and scientific problems. August, 2010.

National Science Foundation, Proposal Review Panel Member, Office of Cyberinfrastructure, Directorate for Geosciences. July, 2010, Washington, DC.

National Science Foundation, Proposal Review Panel Member, Office of Cyberinfrastructure, cross directorate. June, 2010, Washington, DC.

National Science Foundation, Proposal Review Panel Member, Directorate for Social, Behavioral, and Economic Sciences. November, 2009, Washington, DC.

Research: Proposed and In Review:

Research: Awarded:

Kane, K.L. 2018. Support and enhancement of the Conservation Effects Assessment Project (CEAP) database. USDA. Principal Investigator. $40,000.

Kane, K.L, McNeely, R. 2016. "StateView Program Development and Operations for the State of Iowa, 2016". AmericaView. $24,000.

Kane, K.L., 2016. Development and Implementation of Natural Resources Databases. USDA. Principal Investigator. $104,000.

Kane, K.L, McNeely, R. 2015. "StateView Program Development and Operations for the State of Iowa, 2015". AmericaView. $25,000.

Kane, K.L., 2015. Development and Implementation of Natural Resources Databases. USDA. Principal Investigator. $92,000.

Kane, K.L. 2014. Developing an Historic Preservation Program at Iowa State University. Iowa Economic Development Authority, Des Moines, IA. $100,000.

Kane, K.L, Giglierano, J. 2014. "StateView Program Development and Operations for the State of Iowa, 2014". AmericaView. $25,000.

Kane, K.L., 2014. Development and Implementation of Natural Resources Databases. USDA. Principal Investigator. $85,000.

Kane, K.L, Giglierano, J. 2013. "StateView Program Development and Operations for the State of Iowa, 2013". AmericaView. $24,673.

Kane, K.L., 2013. Development and Implementation of Natural Resources Databases. USDA. Principal Investigator. $82,000.

Kane, K.L. 2013. Preliminary Services for a State Agency GIS Service Bureau. Iowa Department of Natural Resources. $8,000.

Kane, K.L. 2013. Geocoding County Infrastructure for the Iowa Geospatial Infrastructure. Iowa Department of Natural Resources. Principal Investigator. $10,000.

Kane, K.L., 2012. Development and Implementation of Natural Resources Databases. USDA. Principal Investigator. $92,750.

Kane, K.L. 2012. Geocoding County Infrastructure for the Iowa Geospatial Infrastructure. Iowa Department of Natural Resources. Principal Investigator. $120,000.

Kane, K.L. 2011. Geocoding County Infrastructure for the Iowa Geospatial Infrastructure. Iowa Department of Natural Resources. Principal Investigator. $108,000.

Kane, K.L. 2011. Historical Aerial Photography for the Iowa Geographic Image Map Server. Iowa Department of Natural Resources. Principal Investigator. $125,000.

Kane, K.L. 2011. Preliminary Services for a State Agency GIS Service Bureau. Iowa Department of Natural Resources. $273,000.

Kane, K.L. 2010. Establishing Web-based Resources within the Iowa Geospatial Infrastructure. Principal Investigator. Iowa Department of Natural Resources. $23,062.

Kane, K.L. 2010. Geocoding County Infrastructure for the Iowa Geospatial Infrastructure. Iowa Department of Natural Resources. Principal Investigator. $66,874.

Kane, K.L. 2010. Multistate Aquatic Resources Information System (MARIS) Database Enhancement. Principal Investigator. $30,000.

Kane, K.L. and R.L. McNeely. 2009. Assessment of wildlife benefits of CREP projects in Iowa. U.S. Geologic Survey. Principal Investigator. $10,000.

Kane, K.L. 2009. Conservation Effects Assessment Project Database Development and Deployment. USDA. Principal Investigator. $60,000.

Iowa Geographic Information Council. 2008. Building Stewardship Capacity for Structures and Transportation Geodata within the Iowa Geospatial Infrastructure. Co-Principal Investigator. $50,000.

Kane, K.L. and R.L. McNeely. 2008. Assessment of wildlife benefits of CREP projects in Iowa. U.S. Geologic Survey. Principal Investigator. $10,000.

Kane, K.L. and D. Johnston. 2007. Multistate Aquatic Resources Information System (MARIS) website programming. Principal Investigator. $27,000.

Kane, K.L. 2007. Conservation Effects Assessment Project Database Development and Deployment. USDA. Principal Investigator. $176,000.

Kane, K.L., P.D. Brown, and R.L. McNeely. 2007. Historical Aerial Photography for the Iowa Geographic Image Map Server. Iowa Department of Natural Resources. Principal Investigator. $30,000.

Iowa Geographic Information Council. 2007. Planning the Iowa Geospatial Infrastructure, $50,000.

Kane, K.L., P.D. Brown, and R.L. McNeely. 2006. Homeland Security Infrastructure Inventory. Iowa Emergency Management Division. Principal Investigator. $15,000.

Kane, K.L., P.D. Brown, and R.L. McNeely. 2006. Historical Aerial Photography for the Iowa Geographic Image Map Server. Iowa Department of Natural Resources. Principal Investigator. $25,000.

Kane, K.L., and P.D. Brown. 2006. Web-based Stream Data Entry. Iowa Department of Natural Resources. Principal Investigator. $13,400.

Iowa Cooperative Fish and Wildlife Research Unit, 1999-2006. Iowa Rivers Information System. Iowa Department of Natural Resources. Co-Principal Investigator. $200,000.

Kane, K.L., P.D. Brown, and R.L. McNeely. 2005. Historical Aerial Photography for the Iowa Geographic Image Map Server. Principal Investigator. Iowa Department of Natural Resources. $100,000.

Nutter, F.W., J.P. Basart, M.L. Gleason, Kane, K.L., and E.S. Taylor. 2004. Safeguarding American Agriculture from New and Emerging Diseases and Pests. A GIS and Web-based Disease Monitoring,

Forecasting, and Information Delivery System. US Department of Agriculture. Co-Principal Investigator. $900,000.

Brown, P.D, K.L. Kane, R.L. McNeely. 2004. National Spatial Data Infrastructure Cooperative Grant, Metadata Training and Outreach Assistance. US Geological Survey. Principal Investigator. $30,000.

Kane, K.L., P.D. Brown, and R.L. McNeely. 2004. Historical Aerial Photography for the Iowa Geographic Image Map Server. Iowa Department of Natural Resources. Principal Investigator. $110,000.

Kane, K.L., P.D. Brown, and R.L. McNeely. 2004. Homeland Security Infrastructure Inventory. Iowa Emergency Management Division. Principal Investigator. $50,000.

Kane, K.L., and Brown, P. 2004. Iowa Lakeside Lab, Summer GIS Course (taught by Patrick Brown), $5,500.

Kane, K., and Pierce, P. 2003. Aquatic Gap Analysis in Iowa. National Gap Analysis Program. Co-Principal Investigator. $60,000.

Kane, K., and Brown, P. 2003. Iowa Lakeside Lab, Summer GIS Course (taught by Patrick Brown), $5,500.

Kane, K. 2002. Iowa Prairie Passage, Iowa DOT / Landscape Architecture. Principal Investigator. $5,000.

Kane, K. 2002. Iowa DNR, Web delivery of Iowa State-wide color infra-red photography. Principal Investigator. $60,000

Kane, K., and Miller, M. 2002. GeoSpatial Technologies Learning Laboratory. Iowa State Computation Advisory Committee. Principal Investigator. $48,000.

Kane, K. 2002. Iowa Geographic Information Council, GIS RA & Web Administrator, $8,000

Kane, K., and Brown, P. 2002. Iowa Lakeside Lab, Summer GIS Course (taught by Patrick Brown), $5,500.

Kane, K., and Pierce, P. 2002. Aquatic Gap Analysis in Iowa. National Gap Analysis Program. Co-Principal Investigator. $102,000.

Kane, K., and Brown, P. 2002. Iowa Natural Areas Inventory, Internet Website & Database Mapping. Principal Investigator. $24,000.

Kane, K., and Pierce, P. 2001. Aquatic Gap Analysis in Iowa. National Gap Analysis Program. Co-Principal Investigator. $105,000.

Jungst, S., and Kane, K. 2001. Expanding Global Positioning Systems and Geographic Information System Education for Iowa State University Students. 2001 ISU Computation Advisory Committee Grant. Co-Principal Investigator. $56,065.

Kane, K., and Brown, P. 2001. Iowa Archeology Internet Map Service, Office of the Iowa State Archeologist. Principal Investigator. $5,000.

Suen, I, and Kane, K. 2001. Installation of ArcIMS Server in the College of Design to Serve GIS Data and Services. 2001 ISU Computation Advisory Committee Grant. Co-Principal Investigator. $10,800.

Kane, K and Williams, P. 2001. ISU Library / GIS Facility Cooperative Undergraduate GIS Learning Facility. 2001 ISU Computation Advisory Committee Grant. Co-Principal Investigator. $8,000.

Kane, K. 2000-2001. Statewide Historic Survey Database, State Historical Preservation Office. Principal Investigator. $49,000.

Kane, K. 2000. ISU GIS Facility Hardware Improvements. President's End of Year Funding Initiative. Principal Investigator. $45,000.

Klaas, E., and Kane, K. 1999. Regionalization and Accuracy Assessment of Iowa Gap Analysis Landcover Data. US Dept. of Environmental Protection. Co-Principal Investigator. $45,000.

Dept. of Animal Ecology & ISU GIS Facility, 1999. Science II GIS / Computing Lab. 1999 ISU Computation Advisory Committee Grant. Co-Principal Investigator. $65,000.

Kane, K.L. 1997-99. Enhancement of the Natural Resources Geographic Information System Library with Spatial Soil Resource Information. Iowa Department of Natural Resources. Principal Investigator. $99,000.

Klaas, E. & Kane, K, 1997-2000. Analysis of Biological Diversity Conservation in Iowa Using Geographic Information Systems and Gap Analysis. U.S. Geological Survey. Co-Principal Investigator. $447,900.

Kane, K.L. and the Iowa Geographic Information Council, 1997. USGS / IGIC Cooperative Agreement for GIS Coordination in Iowa. U.S. Geological Survey Competitive Grant Program. Principal Investigator. $6,000.

Kane, K.L. and O'Brien, D., 1997. Enhancing Geographic Information Technology at Drake University. Drake Faculty Improvement Grant. Co-Principal Investigator. $4,000.

GIS Task Force, Iowa Intergovernmental Information Technology and Telecommunications Committee. 1997. Establishing a GIS Infrastructure for the State of Iowa. General Services Administration. Co-Principal Investigator. $320,000.

Buising, C.M., Anderson, P.F., Henderson, L.L., Kane, K.L., and Rosburg, T.R. 1996. Use of Remote Sensing Technology in the Study of Prairie Biodiversity. Iowa Space Grant Consortium. Co-Principal Investigator. $25,000.

O'Brien, D., Ewing, R., and Kane, K.L. 1996. Establishing A Web-based Pedagogy for the Drake Department of Geography and Geology. Drake Faculty Improvement Grant. Co-Principal Investigator. $4,700.

Research Proposed, not funded:

Raich, James, et.al. 2018. Forecasting Ecological, Hydrological and Economic Sustainability in a Complex Forest Ecosystem in Northern Minnesota (Co-PI). College of Liberal Arts and Science Strategic Research Incubator program. College of LAS. $276,719.

Kane, K.L. and James Giglierano, 2014. Engaging and Inspiring Students in STEM Activities through Remote Sensing Technology. Iowa Space Grant Consortium.

Starobin, S. et.al. 2013. CORE Iowa: Community of Research Excellence in Iowa. NSF-BCC.

Ghoghliani, L., Kane, K. 2004. Hydro-Geoinformation System of the Hydropower Resources of the Republic of Georgia. $400,000.

Kaufman, G., Kane, K., et. al. 2001. Accuracy Assessment of Iowa Gap Analysis Landcover Data. National Gap Analysis Program. $35,000.

Kaufman, G., Kane, K., et.al. 2001. Regionalization of Great Plains Gap Analysis Effort. National Gap Analysis Program. $427,000.

Kane, K. 2001. ISU GIS Facility Hardware Improvements. President's End of Year Funding Initiative. $65,000.

Kane, K. L., Schuman, W., and Lantermans, M. 2000. Iowa Geographic Image Map Server. State of Iowa Return on Investment Grant. $150,000.

Kane, K. L. and Hadish, G. 2000. Iowa Geographic Image Map Server. Federal Geographic Data Infrastructure, NSDI Cooperative Agreements Program. $115,000.

Buising, C.M., DeAlba, L.M., Henderson, L.L., Kane, K.L., and Rosburg, T.R. 1996. Prairie Biodiversity: A Molecular, Ecologic and Geographic Approach. National Science Foundation. $613,335

Graduate Students

Graduate Committee Member:

Yuxuan Tian, 2015 to 2016. Community and Regional Planning. Thesis: Public Transit Accessibility Analysis of HVC Holders in San Francisco Bay Area.

Kun Wu, 2015. Community and Regional Planning. Thesis:A Suitability Analysis for New Affordable Housing Locations in City of Des Moines, Iowa.

Deepanshi Jain, 2014 to 2015. Civil, Construction, and Environmental Engineering. Thesis: Spatiotemporal visualization of unit prices of major cost items of transportation projects across Iowa using geographic information systems (GIS).

Xin Tong, 2012 to 2014, Master of Community and Regional Planning. Professional Report: Trail Connectivity Improvement Between Communities and Lake Ahquabi State Park, Iowa.

Elizabeth Ford, 2011 to 2012, Master of Community and Regional Planning. Professional Report: Indoor Air Quality Evaluation for Centerville, Iowa 2012.

Jonathan Nelsen, 2012. Master of Landscape Architecture. GIS descriptive modeling of General Land Office surveyor tree data and spatial relationships with river valleys and their potential fire shadow effects in Polk and Dallas Counties, Iowa

Sunshine McDonald. 2005 to 2010. Natural Resources Ecology and Management.

Junggoth, Rittirong. 2008. Ph.D., Environmental Engineering. Dissertation: Spatial planning for secured landfill using an expert geographic information system. Khon Kaen University (Thailand).

Reungsang, Pipat. 2007. Ph.D., Agricultural and Biosystems Engineering. Dissertation: Application of SWAT model in predicting water quantity and quality for U.S. and Thailand Watersheds.

Skibee, Adam. 2006. Master of Landscape Architecture, Department of Landscape Architecture. Thesis: Urban growth and natural resource management in suburban Chicago.

Zhen Zhan. 2004. Master of Landscape Architecture. Thesis: The influence of scale on landscape analysis for resource management in the Milwaukee Road rail yard, Perry, Iowa.

Aluri, Rama. 2001. Master of Community and Regional Planning. Creative Component: Web based GIS and citizen participation.

Morgan, Steven. 2001. Master of Landscape Architecture. Thesis: Hydrologic modeling of overland flow within Little Beaver Creek watershed, Iowa.

Brown, Patrick. 2000. Master of Landscape Architecture. Thesis: Analysis of past and future urban growth impacts to habitat within Boone, Hamilton, Hardin, Marshall, Story and Webster counties in Iowa using FRAGSTATS and an urban growth model.

Mumm, Aaron J. 1999. Master of Community and Regional Planning. Creative Component: Hazard Analysis for the City of Des Moines, Iowa.

Musli, Said Mohd. 1999. Master of Landscape Architecture. Thesis: Descriptive Modeling of Historic Preservation Patterns in Hamilton County, Iowa.

External Graduate Committee Advisor:

Tessawat, Wunnarut, 2011. Sponsored Foreign Exchange, Thailand, Spring Semester.

Arbuckle, Kelly E. 2000. Master of Science in Animal Ecology, Limnology. Thesis: Statewide Assessment of Freshwater Mussels in Iowa Streams.

Clark, Steven J. 2000. Master of Science in Animal Ecology, Fisheries Biology. Thesis: Relationship of Topeka Shiner Distribution to Geographic Features of the Des Moines Lobe in Iowa.

GIS Certificate Advisor:

Milton, Emily. 2015. Anthropology.

Boydston, Brandon. 2015. Graduate Interdisciplinary.

Xu Xiaomeng. 2015. Community and Regional Planning.

Jain, Deepanshi, 2015.Civil, Construction, and Environmental Engineering.

Ford, Elizabeth. 2012. Community and Regional Planning.

Fountaine, Peter. 2012. Community and Regional Planning. Capstone Project. The Successes and Shortcomings of Using Geographic Analysis for Crime Prevention in Minneapolis.

Hill, Evan. 2010. History. Capstone Project: Developing an Imagery Interpretation Key Using LiDAR.

Schulte, Kelly. 2007. Business Administration. Capstone Project: City of Ames Clear Water Diversion Program.

Todorovic, Zoran. 2006. Community and Regional Planning. Capstone Project: Use of GIS Tools to Identify Critical Points for Assessment of Aquatic Ecosystem Health in Agricultural Areas and Potential for Natural Resource Management.

Reungsang Pipat. 2005. Agricultural and Biosystems Engineering. Capstone Project: A Web-Based GIS Decision Support System Demonstration for Identifying Potential Centralized Digestion Facility for Methane Recovery.

Graduate Research Assistants:

Milton, Emily, 2015. Anthropology.
Shuo Liu, 2014. Community and Regional Planning.
Xin Tong, 2013-2014, Community and Regional Planning.
Elizabeth Ford. 2011-2013. Community and Regional Planning.
Sherwood, Jill. 2008-2012. Landscape Architecture / EEOB.
Nelson, Jonathan. 2010-2011. Landscape Architecture.
Todorovic, Zoran. 2005-2007. Community and Regional Planning.
Reungsang, Pipat. 2003-2007. Agricultural and Biosystems Engineering.
Comondoor, Ramesh A. 2002-2003. Civil and Construction Engineering.
Elizabeth Kenaston. 2002. Community and Regional Planning
Andersen, Kathy. 1997-2002. Animal Ecology.
Aluri, Rama. 2001. Community and Regional Planning.
Bhagawati, Dwipen. 1999-2001. Civil and Construction Engineering
Reungsang, Pipat. 1998-2001. Electrical and Computer Engineering.

Brown, Patrick. 1998-2000. Landscape Architecture.
Coshland, Jennifer. 1999. Animal Ecology.
Musli, Said Mohd. 1999. Landscape Architecture.
Crawford, Irene. 1998-1999. Agricultural and Biosystems Engineering.
Mumm, Aaron J. 1998. Community and Regional Planning.
Xi, Ruifeng. 1997-1999. Civil and Construction Engineering.
Lewin-Koh, Nicholas. 1997-1999. Statistics.
Namwamba, Fulbert. 1997. Agricultural and Biosystems Engineering.

Conferences & Symposia

2015 Iowa GIS Conference, April 7, 2015, Central College, Pella, IA.
2014 GeoDesign Summit, January 29-30, 2014, Redlands, CA.
2013 Iowa GIS Conference, April 2-4, 2011, Cedar Rapids, IA.
MidAmerica GIS Symposium, April 23-26, 2012, Kansas City, MO.
Center for Earthworks Engineering Research Industry Summit, March 7, 2012, Ames, IA.
2011 Iowa GIS Conference, April 12-15, 2011, Dubuque, IA.
MidAmerica GIS Symposium, April 19-22, 2010, Kansas City, MO.
Multistate Aquatic Resources Information System (MARIS) Research Meeting, April 5-8, 2010, Las Vegas, NV.
Rural GIS Summit, September 29-30, 2009, Osceola, IA.
2009 Iowa GIS Conference, April 20-22, 2009, Waterloo, IA.
Multistate Aquatic Resources Information System (MARIS) Research Meeting, December 10-12, 2008, Minneapolis, MN.
MidAmerica GIS Symposium, April 21-24, 2008, Kansas City, MO.
ArcGIS Server Implementation Seminar, ESRI, October 22, 2007, Des Moines, IA.
Multistate Aquatic Resources Information System (MARIS) Research Meeting, October 15-17, 2007, Madison, WI.
2006 Iowa State Government CIO Conference, Camp Dodge, IA.
Iowa State University Spring Faculty Conference, March 24-25, 2006, Ames, IA.
2005 Iowa GIS Roundtable, December 8, 2005, Des Moines, IA
2005 Iowa State Government CIO Conference, November 18, 2005, Des Moines, IA.
2005 Iowa GIS Conference, August 30 – September 1, Ames, IA.
Iowa State University Budget Model Symposium, May 26, 2005 Ames, IA.
Iowa State University Spring Faculty Conference, March, 2005, Ames, IA.
Iowa State University Spring Faculty Conference, April 30-May 1, 2004, Ames, IA.
MidAmerica GIS Symposium, April 18-22, 2004, Kansas City, MO.
Aquatic GAP Regional Meeting, August 18-19, 2003, Lincoln, NE.
2003 Iowa GIS Conference (planning committee), June30 – July 2, 2003, Ames, IA.
Open GIS Consortium, June 24, 2003, Bettendorf, IA.
Iowa State Conference on Race and Ethnicity (ISCORE), March 7, 2003, Ames, IA.
President's Forums on Diversity, Spring 2003, Ames, IA.
Aquatic Conservation Planning Workshop, August 27, 2002, Ames, IA.
2002 Frye Leadership Institute, June 2002, Emory University, Atlanta, GA.
MidAmerica GIS Symposium (planning committee), April, 2002, Kansas City, MO.
2001 Iowa GIS Conference (planning committee), October 3-5, 2001, Iowa City, IA.
2001 National Gap Analysis Annual Conference, June, 17-21, 2001, Brookings, SD.
Development, Implementation and Future of the National Spatial Reference System, Society of Land Surveyors of Iowa, January 19, 2001, Ames, IA.
2001 Iowa Chapter American Fisheries Society, January 16-18, 2001, Ames, IA.
2000 National Gap Analysis Annual Conference, August 2-6, 2000, San Antonio, TX.
2000 ESRI International User Conference, June 26-30, 2000, San Diego, CA.
2000 MidAmerica GIS Symposium (planning committee), May, 2000, Osage Beach, MO.
1999 National Gap Analysis Annual Conference, August 2-6, 1999, Duluth, MI.
1999 Iowa GIS Conference (planning committee), July 31, 1999, Storm Lake, IA.
1999 ESRI International User Conference, July 26-30, 1999, San Diego, CA..
MidAmerica Gap Analysis Regional Conference, April 26&27, 1999, Ames, IA.

"Implementing the Aquatic Component of Gap Analysis in Riverine Environments", The National Gap Analysis Program, March 8-10, 1999, Columbia, MO.
1998 ESRI International User Conference, July 27-31, 1998, San Diego, CA.
1998 National Gap Analysis Annual Conference, July 20-24, Santa Barbara, CA.
1998 MidAmerica GIS Symposium (planning committee), May, 1998, Lincoln, NE.
1997 Iowa GIS Conference (planning committee), November, 1997, Cedar Falls, IA.
1997 National Gap Analysis Annual Conference, August 4-8 Reston, VA.
1997 ESRI International User Conference, July 8-11, 1997, San Diego, CA.
1997 NSGIC Planning Conference, January, 1997, Salt Lake City, UT.
1996 Iowa GIS Conference, (planning committee) October 5&6, 1996, Ames, IA.
1996 MidAmerica GIS Symposium (planning committee), May, 1996, Kansas City, MO.
1996 National States Geographic Information Council Conference (Iowa representative),, September 14-18, 1996, Tucson, AZ.
1995 Iowa GIS Conference (planning committee), October, 1995, Iowa City, IA.
1995 National States Geographic Information Council Conference (Iowa representative),, September, 1995, Burlington, VT.
1994 MidAmerica GIS Symposium (planning committee), May, 1994, Kansas City, MO.
1994 National States Geographic Information Council Conference (Iowa representative),, October, 1994, Jackson Hole, WY.
1993 National States Geographic Information Council Conference (Iowa representative),, September, 1993, Williamsburg, VA.
1992 MidAmerica GIS Symposium (planning committee), May, 1992, Overland Park, KS.
1992 National States Geographic Information Council Conference (Iowa representative), September, 1992, Santa Fe, NM.
1990 MidAmerica GIS Symposium (planning committee), May, 1990, Overland Park, KS.

Continuing Education & Certifications

University Leadership and Management for Senior Administrators, Iowa State University, Ames, IA. Fall 2013
“NSF Broader Impacts.” Iowa State University, November 14, 2013, Ames, IA.
“NSF Data Management Workshop.” Iowa State University, Fall 2013, Ames, IA.
“Faculty Incivility: The Rise of the Academic Bully Culture and What to Do About It.” Iowa State University, Fall 2013, Ames, IA.
Academic Analytics Online Training, Fall 2013.
"Grant Writers Seminar and Workshop," Iowa State University, October 4, 2013, Ames, IA.
“PI Effort and Certification Training,” Iowa State University, June 29, 2011, Ames, IA.
"Writing Winning Grant Revisions”, Iowa State University, March 9, 2010, Ames, IA.
"Writing Winning Grants", Iowa State University, March 8, 2010, Ames, IA.
"Writing Research Proposals in the Arts and Humanities", Center for Excellence in the Arts and Humanities, March 2, 2010, Ames, IA.
"Opportunities for Collaborative and Interdisciplinary Research in the Arts and Humanities", Center for Excellence in the Arts and Humanities, Iowa State University, February 16, 2010, Ames, IA.
"Research Funding Opportunities in the Arts and Humanities", Center for Excellence in the Arts and Humanities, Iowa State University, February 2, 2010, Ames, IA.
The Frye Leadership Institute, Emory University, Atlanta, GA, May 2-14, 2002
“Development, Implementation and Future of the National Spatial Reference System”, Society of Land Surveyors of Iowa, January 19, 2001, Ames, IA.
Administrative Management Certification, Iowa Management Training System, October, 1996
Zenger Miller Certified Facilitation Seminar Instructor, March, 1996
Total Quality Transformation Certified Facilitator, March, 1995
Covey Leadership Seminar - First Things First, Drake University, 1996
The World Wide Web and Pedagogy, Drake University, May, 1996
Advanced Continuous Quality Improvement Training
Quality Leaders Quarterly, 1996, '95, and '94
Quality Service through Partnerships, Ohio Department of Natural Resources, June, 1995
CQI Steering Team Training, June, 1995
CQI Project Team Training, July, 1993

Total Quality Management Curriculum, Personnel Development Seminars, 1992-96
Quality Forums, 1992-96

Committee Appointments & Memberships

Current

ISUHR Classification and Compensation Review, Extended Project Team (’17-present)
ISU Research Leadership Council (’15-present)
CoD Research, Extension, and Outreach Council (’13-present)
Center for Excellence in the Arts and Humanities Advisory Council (’12-present)
College of Design GIS Committee (’05-present)
ISU GIS Certificate Committee (’03-present)

Past

ISU Distinguished Faculty Recognition Committee (’13-15)
Iowa Geographic Information Council, Remote Sensing Committee ('00-14)
Iowa Geographic Information Council, Natural Resources Committee ('00-14)
Iowa Geographic Information Council, Board Member ('94-’06, ’08-14)
Iowa State Agency GIS Committee (’08-14)
ISU Research and Economic Development Council (REDC) (’12-14)
Institute for Physical Research and Technology Review Advisory Committee (’12-14)
College of Design Search Committees: LA Dept. Chair, (’13-14)
CoD Faculty Development Council (2011-13)
Data Warehouse Steering Committee (’11-13)
ISU Administrative Support Programs Budget Advisory Committee (’08-12)
University Planning & Budget Committee (P&S) (’10-12)
Professional and Scientific Council, Survey Committee (2011)
ISU Dept. of Landscape Architecture, Governance Committee (‘07-11)
ITS Strategic Planning Committee (’10-11)
Emerging Leader’s Academy - Advisory Committee (‘08-11)
ISU Research Misconduct Policy Committee (’09-12)
2010-15 ISU Strategic Plan: Steering Committee (’09-10)
2010-15 ISU Strategic Plan: Faculty & Staff Recruitment & Retention Task Force Co-chair (’09-10)
ISU Professional & Scientific (P&S) Council, ('01-10)
ISU P&S Executive Committee ('01-10)
ISU P&S Council University Planning & Budget Committee, Chair (’07-10)
ISU P&S Performance Management Committee (’07-09)
ISU P&S Classification and Review Committee (’03-’08)
ISU Dept. of Land. Arch. Advancement, Promotion and Tenure Committee (’04-’08)
ISU Dept. of Landscape Architecture, Graduate Program Committee (‘06-‘08)
College of Design Budget Model Review Committee (’06-‘08)
Professional and Scientific Grievance Committee, Chair (’08)
ISU Non-faculty Academic Misconduct Policy Committee (’08)
ISU College of Design Faculty Development Council (’04-‘07)
ITS University Portal Development Committee, Chair (’06-‘07)
ISU Budget Model Review and Implementation Committee (’06-‘07)
Information Technology Services Academic Computing Project Team (’05-‘07)
College of Design LA and CRP Departmental Chair Search Committee (’06-‘07)
ISU GIS Curriculum Committee ('99-‘06)
ISU Strategic Planning Implementation Committee, University Life (’05-‘06)
ISU Professional & Scientific (P&S) Council, Past President ('05-‘06)
ISU Budget Model Development Committee (’05-‘06)
ISU United Way Campaign, Fall 2005
Academic Information Technologies Planning Group (’03-‘05)
Academic Information Technologies Management Group (’99-‘05)
Academic Information Technologies Communications Advisory Group, chair (’04-05)
Academic Information Technologies Project Review Team ('01-‘05), chair (’04-‘05)
Academic Information Technologies Project Management Facilitation ('99-‘05)
ISU Professional & Scientific (P&S) Council, President ('03-‘05)

President's Advisory Committee on Budget and Planning ('03-'05)
ISU Faculty Senate, Ex-Officio ('03-'05)
ISU 2005-2010 Strategic Planning Committee, ('03-'04)
ISU 2005-2010 Strategic Planning Facilitation Group ('04)
Past Chair, Iowa Geographic Information Council ('03-'04)
Chair, Iowa Geographic Information Council ('02-'03)
Mid-America GIS Consortium, Board ('01-04)
ISU Dept. of Landscape Architecture Governance Committee ('02-03)
GIS Lab Manager Search Committee Chair, NREM ('02)
ISU Professional & Scientific (P&S) Council, Vice President ('02-'03)
ISU Professional & Scientific (P&S) Council, Professional Development Committee ('01-'03)
ISU CIO Search Committee ('02)
2002 Mid-America GIS Symposium Planning Committee ('00- '02)
ISU P&S Council, Representation and Awards Committee, Chair ('01-'02)
ISU P&S Council, Elections Subcommittee, Chair ('01-'02)
Past-Chair, Iowa Geographic Information Council ('99-2000)
Community and Regional Planning Faculty Search Committee, ISU ('99)
GIS Task Force, Iowa Intergovernmental Information Technology and Telecommunications (IITT) Committee. ('95-'99)
Chairperson, Iowa Geographic Information Council ('98-'99)
GIS Analyst Search Committee, Iowa Technology Services, ('98)
Community and Regional Planning Faculty Search Committee, ISU ('96- '98)
1998 Mid-America GIS Symposium Planning Committee ('96- '98)
Mid-America GIS Consortium, Board ('89- '98)
Story County Natural Resources Inventory Working Group ('96- '97)
National States Geographic Information Council, Iowa Representative ('92-'97)
National States Geographic Information Council, Communications Committee Chair ('95-'97)
National States Geographic Information Council, FGDC Framework Partnership Project, Communications Committee Chair ('96-'97)
Iowa DNR GIS Technical Advisory Committee ('87-'97)
State of Iowa GIS Coordination subcommittee, Chair ('88-'97)
Iowa DNR GIS Users Group, Chair ('88-'97)
Iowa Quality Government Team ('92-'97)
State of Iowa Quality Coordinators ('94-'97)
Iowa DNR Continuous Quality Improvement Steering Team, Coordinator ('95-'97)
Iowa DNR CQI Process Improvement Teams, Facilitator ('95-'97)
Iowa Soils Technical Committee, alternate ('95-'97)
State of Iowa Alternative Training Committee ('95-'97)
State of Iowa CQI Implementation Team ('96-'97)
Geographic Information System Task Force of the Intergovernmental Information Technology & Telecommunications Plan, Vice-chair ('96-'97)
Iowa Geographic Information Council Annual GIS Conference Committee ('95-'96)
1996 Mid-America GIS Symposium Planning Committee ('95-'96)
Iowa DNR Network Technical Advisory Group ('93-'95)
Iowa DNR NetReps, Leader ('94-'95)
Iowa DNR Total Quality Management Process Improvement Team, Team Leader ('93-'94)
Woods Quality Center, Member ('93-'94)
1994 Mid-America GIS Symposium Planning Committee ('93-'94)
Iowa DNR Task Force for Workplace Diversity ('92-'93)
Iowa DNR Safety Committee, Chair ('93)
Iowa DNR Explorer Post Executive Officer ('92-'93)
Iowa DNR Hiring Practices Committee ('92)
1992 Mid-America GIS Symposium Planning Committee (91-'92)
Iowa State University Extension GIS Conference Planning Committee ('92)
Iowa DNR Data Processing Planning Committee ('91)
1990 Mid-America GIS Symposium Planning Committee ('89-'90)
Iowa GIS Consortium, Chair ('88-'89)
Iowa DNR Geographic Information Task Unit ('87-'88)
Computer Resources Information Center Coordinating Committee, US Fish & Wildlife Service ('86-'88)

Honors & Awards

2016 Professional & Scientific Woodin CYtation Award
2015 Iowa Geographic Information Council Distinguished Service Award.
2004 Mid-America GIS Consortium Award for GIS Service (ISU GIS Facility)
Professional & Scientific Outstanding New Professional Award, Iowa State University, 2002
The Frye Leadership Institute, Fellow, 2002
Gallery in the Round, Stained Glass Art Exhibition, Ames, 2000
Vice President Gore's Hammer Award - National Partnership for Reinventing Government - IOWAccess Network Teams, 1999
Governor's Award - IOWAccess Coordinated Geographic Information Systems, 1998
Governor's IGIC Recognition, 1998
Governor's STAR Award Nominee, 1995, '94
Governor's Facilitating Excellence in Iowa State Government Award, October, 1995
Governor's CQI Process Improvement Team Award, 1995, '94
Department of Natural Resources, Employee of the Month, August, 1993
Governor's Affirmative Action Award, Task Force for Workplace Diversity, May, 1993
Department of Natural Resources, Employee of the Month, November, 1988
American Society of Landscape Architects, Graduate Student Certificate of Merit Award, 1985-86
Phi Kappa Phi (National Academic Honor Society)
Tau Sigma Delta (National Honor Society of Design)
Gamma Sigma Delta (National Honor Society of Agriculture)
Dean's List, Iowa State University, 1982, '81, '80

Community Service

Community Blogger, Reflections: Ada Hayden Heritage Park, 2012 to present
Race Marshall, Midnight Madness, July 2012, 2013, 2017.
Web Developer, Webster City HS Cross Country, 2003 to 2009
Strategic Planning Facilitator, Volunteer Center of Story County, 2008
Web Developer, Ames Citizens for Better Local Government, 2004 to 2008
Treasurer, Klaas for City Council, Fall 2006 to January 2008
United Way, Co-coordinator, College of Design, Fall 2005
Church Coming of Age Mentor, 2004-2005
Church Finance Committee Member, 2001 to 2005
Church Youth Advisory Committee, 2003-2004
Faculty Sponsor, ISU Student Organizations, 1998 to 2004
Ames High Prairie Restoration, 1998 - 2004
Church Board of Directors, 2001-2003
Treasurer & Web Developer, Friends of Hallett's Quarry, 2001
Church Capital Campaign Treasurer, 2001
Planning Committee, Church District Conference, 2001
Girls Softball Coach, Webster City Midget League, 2000 & 2001
State Senate, Campaign Committee, 2001

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