

Curriculum Vitae

EDUCATION

- August 1997 Master of Landscape Architecture
Iowa State University
Ames, Iowa
- May 1995 Bachelor of Landscape Architecture
North Dakota State University
Fargo, North Dakota
- May 1995 Bachelor of Science in Environmental Design
North Dakota State University
Fargo, North Dakota

LICENSURE AND CERTIFICATION

- 2002 Registered Landscape Architect, Iowa No. 444
- 1991 Private Pilot License - Single Engine Land (SEL)

ACADEMIC AND PROFESSIONAL POSITIONS

- August 2003 - Extension Landscape Architect and Assistant Professor
Present Iowa State University Department of Landscape Architecture, Ames, Iowa
Extension Specialist responsible for outreach and research projects involving outdoor recreation as a component of community health, development of Web based Geographic Information System (GIS) solutions for public design participation and the design of shooting sport ranges.
Assistant Professor introductory courses in the application of GIS.
- January 2003 - Managing Partner
Present Nature's Publishing L.L.C.; Roland, Iowa
Chief Operating Manager responsible for accounting, inventory control, and Internet sales.
Multimedia Designer responsible for CD/DVD software development and Rich Internet Applications (RIA).
- August 2000 - Landscape Visualization and Multimedia Consultant
Present LandViz•Media®; Roland, Iowa
Owner providing GIS site mapping, landscape analysis, landscape visualization, multimedia and Rich Internet design services.

- August 2002 - August 2003
Lecturer
Iowa State University Department of Landscape Architecture, Ames, Iowa
Teaching introductory digital design lab which includes 3D modeling, visual simulations, Web site development, rendering, GIS and 2D CAD site detailing.
Project Manager of multiyear (2001 - 2003) Iowa Department of Transportation funded (\$532,000 grant, full University overhead) research project "Maintaining the Image of Iowa Beyond the Right-of-Way: A Corridor Management Plan for Significant Natural, Cultural and Visual Adjacencies to I-80." Responsibilities include transportation research, Geographic Information System (GIS) modeling, focus group meetings, presentations, employee management, and Internet/print publication.
Design Project Team Member with multiyear (2001 - 2003) Iowa Department of Transportation funded (\$475,000 grant, full University overhead) project "US Route 30/ Lincoln Highway Corridor Management Plan." Responsibilities include transportation research, GIS modeling, presentation development, and Internet publication.
- August 1999 - August 2002
Temporary Assistant Professor
Iowa State University Department of Landscape Architecture, Ames, Iowa
Teaching responsibilities included introductory digital design lab, freshman design studio and summer landscape design studio. Course material included digital and hand rendering and drawing, visual simulations, Web site development, 2D CAD site detailing, 3D modeling, animation, video production, Geographic Information Systems, site reconnaissance and analysis, design process, and design/development of new towns, pedestrian courtyards, parks and rest areas.
Research as described in August 2002 Lecturer position
- June 1999 - July 1999
Adjunct Assistant Professor
Iowa State University Department of Landscape Architecture, Ames, Iowa
Teaching responsibilities included an outreach design studio focusing on visual simulations, public participation in a charrette setting and the development of design presentation boards in conjunction with the Landscape Architecture Extension Community Visioning Program.
- February 1999 - August 1999
Extension Program Specialist III
Iowa State University Landscape Architecture Extension, Ames, Iowa
Project Manager responsibilities included assisting Extension Landscape Architect in the development of new project proposals, budgeting, operating procedures and methods, employee training, student intern supervision, and seminar presentations.
Landscape Architect Intern responsibilities included community design outreach, visual landscape simulations, and multimedia production.
- October 1997 - January 1999
Extension Program Specialist II
Iowa State University Landscape Architecture Extension, Ames, Iowa
Teaching responsibilities included an outreach design studio focusing on visual simulations, public participation in a charrette setting, and the development of design presentation boards in conjunction with the Landscape Architecture Extension Community Visioning Program.
Project Manager responsibilities included assisting Extension Landscape Architect in the development of new project proposals, budgeting, operating procedures and methods, employee training, student intern supervision, and seminar presentations.
Landscape Architect Intern responsibilities included community design outreach, visual landscape simulations, and multimedia production.

- May 1997 - Extension Landscape Architecture Intern
 September 1997 Iowa State University Landscape Architecture Extension, Ames, Iowa
Landscape Architect Intern responsibilities included community design outreach, visual landscape simulations, and multimedia production.
- August 1996 - Graduate Teaching Assistant
 July 1997 Iowa State University Department of Landscape Architecture, Ames, Iowa
Teaching responsibilities included co-teaching intermediate landscape inventory and analysis studio and computer graphics lab. Material included mental, manual and digital GIS techniques, visual simulations and 2D CAD plan and detail drawing.
System Support Specialist responsibilities included maintenance of department computers.
- May 1996 - Landscape Architect Technician
 May 1997 National Park Service, Historic American Engineering Record (HAER), Washington, D.C. and Iowa State University Department of Landscape Architecture, Ames, Iowa
University Project Team Member responsibilities included surveying and documenting the landscape and construction of Skyline Drive in Shenandoah National Park, Virginia.
- August 1995 - Graduate Research Assistant
 December 1995 Iowa State University Department of Landscape Architecture, Ames, Iowa
 Responsibilities included photo image conversion, transforming and overlaying of imagery and development of data representation techniques for the Golden Hills Resource Conservation and Development (RC&D) GIS Reference System.
- May 1991 - Various positions during undergraduate education including Undergraduate Teaching Assistant
 May 1995 (North Dakota State University, January 1995 to May 1995); Residential Designer and Crew Leader (S&B Landscaping & Nursery, Bismarck, May 1994 to August 1994); Landscape Installer (Landscape Solutions, West Fargo, May 1993 to August 1993) Landscape Designer and Grounds Crew (North Dakota State University Physical Plant, May 1991 to August 1992).

TEACHING EXPERIENCE

University Courses

Iowa State University

Courses taught in which I was a primary instructor.

- Summer 2004 CRP 451/551: Introduction to Geographic Information Systems
 Lecture and laboratory course introducing geographic information systems with an emphasis on hardware, data structures, analytic techniques, procedures and practical applications. This course was also used as a distance education course during the summer term. Software included ESRI ArcGIS 8.3 and Spatial Analyst. 13 students. Co-taught with Michael Miller.
- Fall 2002 LA 101: Landscape Architectural Design and Visualization I Computer Lab
 Computer projects are integrated with the traditional design studio and offer students an opportunity to learn basic computer skills as well as design and 3D modeling applications. Software included Form•Z, Adobe Photoshop, Adobe Illustrator and Adobe InDesign. 65 students.

- Spring 1997 -
Spring 2001 LA 490K/590K: Independent Study in Computer Applications
Supervision of self-directed study of a topic of special interest to the student.
Topics have primarily dealt with the use of computer media for design and communication, including CAD, image editing, Web page design, GIS, animation and multimedia presentation. 8 students from LA, Architecture, and Community & Regional Planning.
- Spring 2002 LA 102: Landscape Architectural Design and Visualization II Computer Lab
Computer projects are integrated with the traditional design studio and offer students an opportunity to build on the introductory skills from LA 101. Software included AutoCAD, Form•Z, Adobe Photoshop and Adobe InDesign. 54 students.
- Fall 2001 LA 101: Landscape Architectural Design and Visualization I Computer Lab
Computer projects are integrated with the traditional design studio and offer students an opportunity to learn basic computer skills as well as design and 3D modeling applications. Software included AutoCAD, Form•Z, Adobe Photoshop, and Adobe InDesign. 78 students.
- Summer 2001 LA 411/511: Computer Graphics for Landscape Architecture and
LA 303: Landscape Design Studio
These two course were taught concurrently to allow students to integrate computer techniques into a studio design course. The primary project involved designing an urban courtyard space to a piece of music and then modeling it in 3D. Final designs were animated and presented in print and video formats. Software included Form•Z, 3D Studio, Adobe Premiere, Adobe Photoshop and Adobe InDesign, 15 students.
- Spring 2001 LA 102: Landscape Architectural Design and Visualization II
Second semester of the introductory studio-based course in the pre-professional year of the undergraduate program. Course introduced students to rendering, perspective drawing, and 3D computer modeling through projects that integrated traditional and computer design skills. Major computer project included the design and 3D modeling of an “Artist’s Garden.” Primary studio instructor for 15 of 68 students and responsible for teaching computer lab for all 68 students.
- Fall 2000 LA 101: Landscape Architectural Design and Visualization I
Introductory studio-based course in the pre-professional year of the undergraduate program. Course introduced students to plan, elevation and section drawing through projects that utilized model building and computer design skills. First ISU Landscape Architecture freshman course to incorporate 3D computer modeling into the curriculum. Primary studio instructor for 18 of 92 students and responsible for teaching computer lab for all 92 students.
- Summer 2000 LA 411/511: Computer Graphics for Landscape Architecture and
LA 303: Landscape Design Studio
These two course were taught concurrently to allow students to integrate computer techniques into a studio design course. Topics included computer graphics urban planning, and site inventory and analysis. Software included computer-aided design (2D & 3D CAD), Illustrator, ArcView, Photoshop, QuicktimeVR, Flash and Director. 15 students.

- Spring 2000 LA 102: Landscape Architectural Design and Visualization II
See Spring 2001 course description. This was the first time this course was taught in the department's new curriculum. Primary studio instructor for 13 of 45 students and responsible for teaching computer lab for all 45 students.
- Fall 1999 LA 101: Landscape Architectural Design and Visualization I
See Fall 2000 course description. This is the first time this course was taught in the department's new curriculum. Primary studio instructor for 13 of 51 students and responsible for teaching computer lab for all 51 students.
- Summer 1999 LA 411/511: Computer Graphics for Landscape Architecture and
LA 335: Landscape Design Studio
These two courses were taught concurrently to allow students to integrate computer techniques into a studio design course. Topics included computer graphics landscape design, planning, and construction projects. Software included computer-aided design (CAD) and image editing packages. 7 students.
- Spring 1998 LA 490K/590K: Independent Study - In Group Lab Setting
Lab instruction taught to a group of students that were interested in the same independent study area. Primary focus was on the use of image editing software to create visual representations of proposed landscape designs. Students also participated in community charrettes with licensed Landscape Architects and produced presentation boards with desktop publishing software as well as animations that were delivered over the WWW. 7 students. Co-taught with Julia Badenhope.
- Summer 1997 LA 411/511: Computer Graphics for Landscape Architecture
This undergraduate and graduate elective course focused on the application of computer graphics to landscape design, planning, and construction projects. Software included computer-aided design (CAD) and image editing packages. 5 students.
- Fall 1996 LA 411/511: Computer Graphics for Landscape Architecture
This undergraduate and graduate elective course focused on the application of computer graphics to landscape design, planning, construction and communication. Software included CAD, rendering, and Web design packages. 8 students.

Iowa State University

Courses taught as a graduate teaching assistant.

- Spring 1997 LA 361: Landscape Inventory and Analysis
This course, taught under the direction of Paul Anderson, was an intermediate level course in landscape planning that emphasized landscape patterns, landscape data sources, landscape analysis techniques, and geographic information systems.

North Dakota State University

Courses taught as an undergraduate teaching assistant.

- Spring 1995 LA 150: Introduction to Landscape Architecture
Taught under the direction of Assistant Professor Helen Cozzetto, this introductory course in landscape architecture focused on graphic and site analysis techniques through basic site design projects and sketch problems. Approximately 50 students.

Lectures

Invited

Lecture to groups at other institutions.

Fall 2000	Digital Charrette Department of Landscape Architecture North Dakota State University; Fargo, North Dakota	Dennis Colliton, FASLA Professor
Fall 2000	Landscape Architecture as a Career Turtle Lake FFA Vocational Agriculture Class Turtle Lake Mercer High School, Turtle Lake, North Dakota	Reggie Lafromboise Faculty

Guest

Lecture in courses organized by faculty at local university.

Fall 2004	Introduction to GPS ISU LA 281: Investigating Landscape Constructions	Peter Butler Lecturer
Spring 2004	Landform Modeling with Form•Z LA 202 Site Planning and Design I	Peter Butler Lecturer
Fall 2003	Outdoor Recreation Research ISU LA 101: Introduction to Landscape Architecture	Micahel Martin Associate Professor
Fall 2003	GIS and Recreation Site Inventory (Trail Planning) ISU LA 401: Community Landscape Design Studio (3 lectures)	Peter Butler Lecturer
Fall 2003	Introduction to GPS ISU LA 281: Investigating Landscape Constructions	Heidi Hohmann Assistant Professor
Fall 2002	Adobe InDesign Review ISU LA 281: Investigating Landscape Constructions	Ashley Kyber Assistant Professor
Fall 2002	Geographic Information Systems and Multimedia ISU LA 141: Introduction to Landscape Architecture	Michael Martin Associate Professor
Fall 2002	GPS as a Site Inventory Collection Tool ISU LA 201: Midwestern Landscape Studies	Ashley Kyber Assistant Professor
Fall 2001	Geographic Information System Elements ISU LA 141: Introduction to Landscape Architecture	Michael Martin Assistant Professor
Fall 2000	Digital Charrette ISU LA 141: Introduction to Landscape Architecture	Michael Martin Assistant Professor
Spring 2000	Introduction to AutoCAD (6 lectures) ISU LA 251: Fundamentals of Site Grading and Construction	Joni Palmer Assistant Professor
Fall 1999	Introduction to ArcView GIS ISU LA 342: Intermediate Landscape Architectural Design I	Mimi Wagner Temp. Assistant Professor

Student Design Critique

Guest

Project review as an external critic by invitation from students or faculty at local university.

Fall 2002	Phase III <i>Gateway West</i> Intervention II - Site Memory ISU LA 402: Urban Landscape Design	Mira Engler Associate Professor
Fall 2002	Community Design Intervention II - Community Billboard Project ISU LA 490F: Community Design Studio	Mira Engler Associate Professor
Fall 2002	Community Design Studio: engage/interpret/design ISU LA 490F: Community Design Studio	Peter Butler Lecturer
Fall 2002	<i>Phase I - Reading & Narrating The Site: Video and Graphic Narrative - Des Moines Gateway West</i> ISU LA 402: Urban Landscape Design	Peter Butler Lecturer
Fall 2000	Woodward Resource Center: Site Inventory & Analysis ISU LA 303: Landscape Architecture Studio	Harlan Groe Temp. Assistant Professor
Summer 2000	High School Generator Final Review ISU Design Studies 146X: Summer Program in Architecture and Landscape Architecture. (SPALA)	Michael Martin Assistant Professor
Fall 1998	Pattonsburg, Missouri Ghost Town ISU LA 241: Basic Landscape Architectural Design	Susan Herrington Assistant Professor
Spring 1998	Clos Pegase Winery ISU LA 343: Intermediate Landscape Architectural Design II	Susan Herrington Assistant Professor
Spring 1998	Landscape Patterns ISU LA 361: Landscape Inventory and Analysis	Paul Anderson Associate Professor
Spring 1997	Clos Pegase Winery ISU LA 343: Intermediate Landscape Architectural Design II	Susan Herrington Assistant Professor
Fall 1997	Riverview Park: Des Moines, Iowa ISU LA 443: Advanced Landscape Architectural Design	Mira Engler Associate Professor
Course Support Assistance in developing course materials.		
Spring 2001	Playground Mapping Student Website ISU LA 274: The Social and Behavioral Landscape	Mimi Wagner Assistant Professor

Workshops

Training sessions where I was the primary instructor.

Professional

March 2003-04 LARE Review Session
Preparing Sponsored by Iowa ASLA Chapter
Co-instructor Assistant Professor Heidi Hohman

Computer Techniques

June 2003 3D GIS Visualization
6th Biennial Iowa GIS Conference: Cooking with GIS: From the Pantry to the Table
ISU Scheman Center
1 day workshop

April 2001 ArcView and Spatial Analyst GIS
Conservation Design Forum; Elmhurst, Illinois
2 day workshop.

October 2000 Digital Charrette
ASLA National Meeting: LandTech Expo Workshops; St. Louis, Missouri

May 1999 Image Editing and Visual Simulation
Adamson + Associates, Inc.; West Des Moines, Iowa

RESEARCH, SCHOLARSHIP AND CREATIVE WORK

Peer-reviewed Paper Presentations

International

May 2004 A Customizable Internet Tool for Planning and Design Participation
5th International Conference on New Trends in Landscape Architecture: Online Landscape
Architecture
Anhalt University of Applied Sciences, Dessau, Germany

May 2003 Using Geographic Information, Multimedia and Landscape Modeling as Integrated Visualization
Tools in Developing Highway Corridor Management Plans
4th International Conference on New Trends in Landscape Architecture: Landscape
Modeling, Digital Techniques for Landscape Architecture
Anhalt University of Applied Sciences, Dessau, Germany

July 2002 Identifying the Image of Iowa along Interstate 80: A Method to Increase Public Participation
22nd Annual ESRI International User Conference: Geography Sustaining Our World San
Diego Convention Center, San Diego, California

October 2000 Integration of Traditional and Digital Media in the Pre-Professional Design Studio
International Visual Literacy Association (IVLA) 32nd Annual Conference: Exploring the
Visual Future: Art Design, Science & Technology
Iowa State Center, Ames, Iowa

November 1998 A Historic Photo Database for Shenandoah National Park
Association for Preservation Technology International Annual Conference
Williamsburg, Virginia

National

November 2004
scheduled Enhancing Online Public Participation Applications with Visual, Spatial, and Geographic
Material
ASLA National Meeting: LandTech Seminars and Workshops
Salt Palace Convention Center, Salt Lake City, Utah

April 2004 A Tale of Two Corridors
Preserving the Historic Road in America Conference.
Co-presenters: Tim Keller, Peter Butler
Portland, Oregon

December 2003 Customizing and Building You Own Public Participation and Planning Tools
Tools for Community Design and Decision Making – Working Session V: Information
Technology in Action - Place Matters.
Penaissance Parc Hotel, San Francisco, California

October 2000 Digital Charrette
ASLA National Meeting: LandTech Seminars and Workshops
America's Center, St. Louis, Missouri

January 1998 Landscape Architecture Extension: Internet Technologies for Community Outreach
Design Communication Association National Biennial Conference
Co-wrote paper, presented by Assistant professor Julia Badenhope
Tucson, Arizona

August 1996 Development of an Interactive Historical Database Using GIS on the WWW
Council of Educators in Landscape Architecture (CELA)
Cavanaugh's Inn at the Park: Spokane, Washington

Peer Reviewed Publications

Journal

January 2001 "Fifteen Years Down the Digital Highway: Establishing Digital Media in An Introductory
Landscape Architecture Studio"
Journal of Visual Literacy, International Visual Literacy Association. Pages 287-292.
Co-author: Michael D. Martin.

January 2001 "The Integration of Thinking and Making: The Generator Project"
Journal of Visual Literacy, International Visual Literacy Association. Pages 293-298.
Co-authors: Michael D. Martin and Travis L. Rice.

Proceedings

TBP A Customizable Internet Tool for Planning and Design Participation
Trends in Landscape Architecture: Online Landscape Architecture: Proceedings at Anhalt
University of Applied Sciences. Buhmann/ eds., Herbert Wichtmann Verlag, Heidelberg.

- April 2004 A Tale of Two Corridors
Preserving the Historic Road in America Conference.
Co-writers: Tim Keller, Peter Butler, Genevieve Keller
- December 2003 Customizing and Building You Own Public Participation and Planning Tools
Tools for Community Design and Decision Making – Working Session V: Information
Technology in Action.
<http://www.placematters.us/TCDDMV/Panels/index.php>
- May 2003 Using Geographic Information, Multimedia and Landscape Modeling as Integrated Visualization
Tools in Developing Highway Corridor Management Plans
Trends in Landscape Architecture: Landscape Modeling, Digital Techniques for Landscape
Architecture: Proceedings at Anhalt University of Applied Sciences. Buhmann/Ervin eds.,
Herbert Wichtmann Verlag, Heidelberg.
- July 2002 “Identifying the Image of Iowa along Interstate 80: A Method to Increase Public
Participation”
22nd Annual ESRI International User Conference Proceedings, Redlands, California:
Environmental Systems Research Institute, Inc. Paper #687.
<http://gis.esri.com/library/userconf/proc02/pap0687/p0687.htm>

Presentations

Regional

- March 2004 Making an Informed Design Decision: Digital Techniques for Expanding Public Participation in
the Planning & Design Process
Shade Tree Short Course
Scheman Center, Iowa State University, Ames, Iowa
- November 2002 Geographic Information & Multimedia Systems: Video Data Log/GIS for the I-80 Corridor
GIS Day 2002
Iowa State University GIS Facility, Ames, Iowa
- November 2002 GIS and Multimedia Technologies as Tools for Corridor Planning
Midwest Regional American Planning Association Meeting
Hotel Fort Des Moines, Des Moines, Iowa
Co-presenters: Peter Butler and Tim Keller

Publications

Articles

- In Progress “Getting Started with 3D Modeling”
The Newsletter of the Iowa American Society of Landscape Architects
- April 2001 “Digital Charrette: Expanding Public Participation Through Interactive Digital Media”
The Newsletter of the Iowa American Society of Landscape Architects
- April 2001 “The Computer Corner: Selecting CD Media”
The Newsletter of the Iowa American Society of Landscape Architects
- February 2001 “Digital Charrette: Expanding Public Participation Through Interactive Digital Media”
Landscape Design Japan. Issue No 23. pp. 115.

- September 1999 “Fall Conference Preview”
The Newsletter of the Iowa American Society of Landscape Architects Fall 1999. Page 4.
- April 1999 “Image Edit Selecting - Part II: Paths & Clipping Path, Adobe Photoshop 4 & 5”
The Newsletter of the Iowa American Society of Landscape Architects Spring 1999. Page 5.
- October 1998 “Image Edit Selecting - Part I: Lasso and Marquee Tool, Adobe Photoshop 4 and 5”
The Newsletter of the Iowa American Society of Landscape Architects Fall 1998.
- July 1998 “A/E/C Systems `98 Review”
The Newsletter of the Iowa American Society of Landscape Architects
- April 1998 “Software Review: Extensis Intellihance 3.0”
The Newsletter of the Iowa American Society of Landscape Architects
- October 1997 “Software Review: Michael A. Dirr’s Photo-Library of Woody Landscape Plants on CD-ROM”
The Newsletter of the Iowa American Society of Landscape Architects

Drawings, Illustrations and Maps

- May 2002 Changing Nature of Skyline Drive
Historic American Engineering Record (HAER)
Library of Congress, Prints and Photograph Division, Washington, D.C.

Masterplan Reports

- April 2001 Iowa Valley Scenic Byway Corridor Management Plan
Iowa Valley Resource Conservation & Development Council; Williamsburg, Iowa
Conservation Design Forum; Elmhurst Illinois
Subcontractor responsible for mapping and visualization

Thesis

- August 1997 A World Wide Web Geographical Information System: Development of a Historical
Photo Database for Shenandoah National Park Virginia.
MLA Thesis
- May 1995 Lakes Brekken and Holmes: An Ecological Approach to Accessible Fishing
5th Year Design Thesis

Radio Interviews

- June 1995 “An Ecological Approach to the Design of Accessible Fishing Sites”
Dakota Backroads with Tony Dean
KFYR (syndicated), Bismarck, North Dakota

Citations

Articles, Journals and Books

- 2003 “Driving History: Design Team Plans for Preservation, Development of Lincoln Highway”
Gibson, Debra. Design News, Iowa State University College of Design.
Fall 2001 - Fall 2002, Volume 15.

- 2003 "Beyond the Right-Of-Way: I-80 Corridor Management Plan Will Help Maintain Iowa's Image"
Gibson, Debra. Design News, Iowa State University College of Design. Fall 2001 - Fall 2002, Volume 15.
- 2002 "Design Team Plans for Preservation, Development of I-80, Highway 30 Corridors"
Gibson, Debra. IDRO Newsletter, Iowa State University Institute for Design Research and Outreach. Fall 2002, Volume 5:2, pp. 1-3.
- 2002 "GIS Mapping Technology Seminars Mark Event"
Peterson, Stefanie. Iowa State Daily November 21, 2002: pp. 3.
- 2002 "State Hopes Landscape Tempts Drivers To Stay"
Hupp, Staci. The Des Moines Register, November 9, 2002: A1+.
- 2000 "ISU Central Campus Recognized By American Society of Landscape Architects"
Sauer, Heather. Design News Volume 13:1, pp. 34.
- 2000 "2000 Honors & Recognition: A Natural Regions Portrait of Iowa's Vegetative Communities"
Sauer, Heather. Design News, Iowa State University College of Design. Volume 13, pp. 10.
- 2001 Landscape Modeling: Digital Techniques for Landscape Visualization
Stephen Ervin and Hope Hasbrouck. McGraw-Hill, New York 2001.
Listed as a Contributor on page xiii
- 2001 A Master Plan for Hallett's Quarry, Ames, Iowa
Conservation Design Forum; Elmhurst Illinois. February 2001
Subcontractor for photography
- 2000 "New Design Web Site Has Answers"
Johnson, Amber. Iowa State Daily September 13, 2000: p3.
- 1999 "Special Report: Y2K and the Mac - Y2K bug with Quicken 2000"
<http://www.macintouch.com>
- 1999 "Earlville Charrette"
Cummings, Shari. Dyersville Commercial, July.
- 1999 "Charrette Held in Earlville"
Cummings, Shari. Hopkinton Leader, July.
- 1999 "Roadside Planting Information Available on the World Wide Web"
Sauer, Heather. IDRO Newsletter, Iowa State University Institute for Design Research and Outreach. Volume 2:1, pp. 4-5.
- 1999 "Roadside Planting Information Available on the World Wide Web"
Sauer, Heather. Design News, Iowa State University College of Design. Volume 12, pp. 24+.

1997 "Digital Directives"
Sipes, James L. and Timothy Lisle. Landscape Architecture Magazine, Volume 87:1 (January), pp. 32-37. Listed as a team member at the end of article.

Design Charrettes

December 1999 4 Mounds Foundation Site Design - Dubuque, Iowa
Multimedia Project Leader, Iowa State University Landscape Architecture Extension

1997 - 1999 Iowa Living Roadways Community Visioning
Eleven communities attended (Orange City, Rock Rapids, Columbus Junction, Norwalk, Wapello, Atlantic, Forest City, Grinnell, Molville, Delhi, Hopkinton)
Project Leader, Iowa State University Landscape Architecture Extension

Educational Displays and Posters

November 2001 Maintaining the Image of Iowa Beyond the Right-Of-Way: A corridor Management Plan for Significant Natural, cultural and Visual Adjacencies to I-80
Annual GIS Day Seminar Poster
Iowa State University GIS Center
Ames, Iowa

March 1999 Living Roadway Trust Fund Web Site
Shade Tree Short Course
Iowa State University Landscape Architecture Extension
Ames, Iowa

Workshops, Panels, Symposia, Conferences

September 2004

November 1999 "Beyond the Bug: Landscape Architecture & Technology in the Next Century"
Iowa Chapter of the American Society of Landscape Architects Fall Meeting, Conference Co-Chairperson
Iowa State University Memorial Union: Ames, Iowa

September 1997 "Roadside Landscapes"
Iowa Chapter of the American Society of Landscape Architects Fall Meeting, Conference Coordinator
State of Iowa Historical Building: Des Moines, Iowa

August 1996 "Our Community, Our Neighborhood"
Council of Educators in Landscape Architecture, Session Moderator
Cavanaugh's Inn at the Park: Spokane, Washington

Projects

Academic

2001 - present Maintaining the Image of Iowa Beyond the Right-Of-Way: A Corridor Management Plan for Significant Natural, Cultural and Visual Adjacencies to I-80
Project manager leading team in the identification and mapping of the natural, cultural and visual resources that are visible to the Interstate 80 motorist and create the "Image of Iowa."
These resources require preservation, conservation or enhancement to ensure that they

continue to contribute to the “Image of Iowa” as development pressures increase. Additional components of the plan include locating sites for future economic development, farmland preservation and transportation safety. The project involves extensive use of GIS modeling, GPS, video and photo documentation, case studies, and scenario planning. Public and local government participation is also critical in the production of this management plan.

- 2001 - present US Route 30/Lincoln Highway Corridor Management Plan
Team member working to protect and enhance existing natural, cultural, historic and visual resources while directing the placement of new US 30 roadway alignments. The project involves GIS modeling, GPS data collection and meetings with local public and government officials.
- 2002 Department of Landscape Architecture Web Site
(<http://www.public.iastate.edu/~glh/iavegcom.html>)
Provided leadership in the development of design concept, programming and site content.
- 1999-2000 A Natural Region’s Portrait of Iowa’s Vegetation Communities
(<http://www.public.iastate.edu/~glh/iavegcom.html>) Provided lead programming and design for Professor Gary Hightshoe’s Web site showcasing Iowa’s natural vegetation community regions. The Web site includes location maps which clients can use to interactively locate regional photos that are divided up into four categories: vertical, oblique, landscape, and species.
- 1999 Visual Literacy Web Site (<http://www.vis.design.iastate.edu>)
Developed interactive animation for the Iowa State University, Department of Art and Design’s on-line Visual Literacy course that was offered to high school and college students.
- 1998-1999 Living Roadway Trust Fund (LRTF) Website
Project Manager and Web Programmer responsible for the development of a Web site that describes the LRTF, provides educational information, shows examples of past funded projects, allows users to search a database of native vegetation and submit applications for grants.
- 1997-1999 Iowa Living Roadways Visioning Program
Visualization and Digital Media Support Specialist responsible for producing image edits of proposed designs during community charrettes followed by the production of presentation boards. Provided training to staff in image editing techniques as well as technical support for both staff and landscape architects. Attended 11 Charrettes (Orange City, Rock Rapids, Columbus Junction, Norwalk, Wapello, Atlantic, Forest City, Grinnell, Molville, Delhi, Hopkinton) and provided oversight of student interns for 22 additional community charrettes.
- 1997 Landscape Architecture Extension Project Tracking Software
Lead Programmer in the creation of a Web based timeclock that allowed staff to report the amount of time spent working on each project. Management was then able to analyze data and improve project workplans and staff efficiency.
- 1997 Landscape Architecture Extension Web Site Firm Search
Project Manager and Web Programmer responsible for the development of an on-line

searchable database that lists a firm's contact information, philosophy, project focus areas, staff, and examples of past projects.

1995 Golden Hills Resource Conservation and Development (RC&D) GIS Reference System
Graduate Assistant responsible for photo image conversion, transforming and overlaying of imagery and development of data representation techniques.

Independent Consulting

In progress American Plantfile Database
Gary Hightshoe and Harlan Groe - Ames, Iowa
Database Design, Project Management and Multimedia Production

2003 Natures Heartland CD
Bill Boon and Harlan Groe - Ames, Iowa
Design and Multimedia Production

2002 Ball State University Landscape Architecture: Watershed Game
John Motloch, Ph.D., Chair Department of Landscape Architecture - Muncie, Indiana
Multimedia Consultant

2002 Recruitment CD-ROM and Annual Report CD-ROM
Eide Bailly LLP - Fargo, North Dakota
Multimedia Consultant

2002 Iowa ASLA Chapter Web Site
Iowa ASLA Chapter Executive Committee
Graphic Design, Media Management and Programming

2000 Iowa Valley Scenic Byway Corridor Management Plan
Conservation Design Forum - Elmhurst, Illinois
GIS and Landscape Visualization

Funded Research and Outreach

1998	Living Roadway Trust Fund Web Site Funded through Iowa DOT Living Roadway Trust Fund Co-written with principal investigator Julia Badenhope	\$34,096
1998	Computer Equipment and Software for World Wide Web Outreach Funded by Iowa Department of Transportation Co-written with principal investigator Julia Badenhope	\$5,829
1997	Living Roadway Trust Fund Web Site Funded through Iowa DOT Living Roadway Trust Fund Co-written with principal investigator Julia Badenhope	\$23,134

CONTINUING EDUCATION

University Courses

Spring 1999 Introduction to Computer Engineering 201
College of Engineering, Iowa State University: Ames, Iowa

Non-credit Short Courses and Training Seminars

In Progress Introduction to ArcView 3D Analyst
ESRI Virtual Campus (<http://www.esri.com>)

January 2003 Introduction to ArcView Spatial Analyst
ESRI Virtual Campus (<http://www.esri.com>)

October 2001 Human Participants Protection Education for Research Teams
National Institutes of Health online course

February 2001 Introduction to ArcView
ESRI Virtual Campus (<http://www.esri.com>)

Conferences and Workshops Attended

January 2003 Writing Winning Grant Proposals Workshop
Iowa State University College of Design: Ames Iowa

November 2002 GIS Day 2002
Iowa State University GIS Facility: Ames, Iowa

November 2002 Midwest Regional American Planning Association Meeting
Hotel Fort Des Moines: Des Moines, Iowa

July 2002 22nd Annual ESRI International User Conference: Geography Sustaining Our World
San Diego Convention Center: San Diego, California

April 2002 Preserving the Historic Road in America: Third Biennial Conference on Historic Roads
Omaha, Nebraska

January 2002 Transportation Research Board (TRB) 81st Annual Meeting
Washington D.C.

November 2001 GIS Day 2001
Iowa State University GIS Facility: Ames, Iowa

October 2001 Iowa Geographic Information Council Biennial Meeting: Mapping the Fields of Opportunities
Iowa Memorial Union, University of Iowa: Iowa City, Iowa.

October 2001 Iowa Department of Transportation: Achieving Results with Transportation GIS
Iowa Memorial Union, University of Iowa: Iowa City, Iowa.

October 2000 ASLA National Meeting: Gateway to Discovery
America's Center: St. Louis, Missouri

- May 2000 Iowa ASLA Chapter Spring Conference: Iowa Field of Opportunities
Five Seasons Convention Center: Cedar Rapids, Iowa
- November 1999 Iowa ASLA Chapter Fall Conference: Beyond the Bug: Landscape Architecture and Technology in
the Next Century”
Iowa State University Memorial Union: Ames, Iowa
- June 1998 A/E/C Systems ‘98
McCormick Place: Chicago, Illinois
- April 1998 Iowa ASLA Chapter Spring Conference: ‘Living on the Edge’ Urban Sprawl
Marriot: West Des Moines, Iowa
- September 1997 Iowa ASLA Chapter Fall Meeting: Roadside Landscapes
State of Iowa Historical Building: Des Moines, Iowa
- August 1996 Council of Educators in Landscape Architecture Annual Meeting: Our Community,
Our Neighborhood
Cavanaugh’s Inn at the Park: Spokane, Washington
- September 1995 Council of Educators in Landscape Architecture Annual Meeting: Nature & Technology
Iowa State University Memorial Union: Ames, Iowa

COMPUTER EXPERTISE

- CAD: MiniCad, AutoCAD, LandCADD
 GIS: ArcView and ArcGIS
 Presentation: PowerPoint, Acrobat
 Multimedia: Director, Flash, QuickTimeVR, After Effects, Premier
 Graphics: Photoshop, Illustrator, PageMaker, InDesign, Freehand, Fontographer
 3D Modeling: Form•Z, World Construction Set, 3D Studio Max, StrataVision, Extreme 3D
 Business: Excel, Word, FileMaker Pro, Quicken
 WWW: DreamWeaver, Lasso, HTML, AppleScript, JavaScript, PHP

RECOGNITION, HONORS AND AWARDS

- 2000 Honor Award in Communication: A Natural Region’s Portrait of Iowa’s Vegetation Communities
Iowa Chapter of the American Society of Landscape Architects
- 1997 Gamma Sigma Delta Honorary Society
Iowa State University
- 1997 Merit Award in Communication: Los Angeles River: From Infrastructure to Amenity
American Society of Landscape Architects,
Team member
- 1997 Mortar Board Honor Society
North Dakota State University
Vice President

1993	Clara Carter Higgins Conservation Scholarship Garden Club of America
1992	American Farmer Degree National FFA
1990	North Dakota Eagle Scout of the Year North Dakota American Legion
1989	Eagle Scout Boy Scouts of America

PROFESSIONAL MEMBERSHIPS

Iowa Geographic Information Council
Alliance for Historic Landscape Preservation
American Society of Landscape Architects
ASLA Computing Professional Interest Group

SERVICE

Institutional	
2002 - present	GIS Certificate Development Committee Iowa State University College of Design: Ames, Iowa
2000 - present	University Computer Advisory Committee
1996-1997	College Representative Iowa State University: Ames, Iowa
2000 - 2001	College of Design Facilities Council Landscape Architecture Department Faculty Representative Iowa State University: Ames, Iowa
1999	System Support Specialist III Search Committee Landscape Architecture Department Faculty Representative Iowa State University: Ames, Iowa
1993 - 1994	Student Senate College of Engineering and Architecture, Senator North Dakota State University: Fargo, North Dakota
Professional	
<u>State</u>	
2003 - 2004	President Elect, President: Iowa Chapter of the American Society of Landscape Architects
2003	Secretary: Iowa Chapter of the American Society of Landscape Architects Mid-term appointment by Iowa ASLA President

Yet to Add or correct
Ball State University Landscape Architecture: Watershed Game

LA EXT Visioning Map

2000 - Present Iowa Geographic Information Council

1999 - Present Alliance for Historic Landscape Preservation

1997 - Present American Society of Landscape Architects

1997 - Present ASLA Computing Professional Interest Group

ASLA Paper Review

Interviews vs Publications

Travel

IGIC Workshop

Articles, Journals and Books

Standards??

22 Visioning Charette communities

Expand project descriptions to include more of an “about this project abstract” maybe include my role

1999 “Earlville Charrette”
Cummings, Shari. Dyersville Commercial, (July)

1999 “Charrette Held in Earlville”
Cummings, Shari. Hopkinton Leader, (July)

Town Meetings and focus Groups - Iowa river and I-80

EPA Job Description

Maintaining the Image of Iowa Beyond the Right-of-Way: A Corridor Management Plan for Significant Natural, Cultural and Visual Adjacencies to I-80.