Curriculum Vitae

John B. Krygier

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Professor of Environment & Sustainability

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Education

Ph.D. Pennsylvania State University, 1995, Geography
Visualization, Geography, and Landscape: Visual Methods and the Study of Landscape Dereliction
M.S. University of Wisconsin–Madison, 1990, Geography / Cartography
The Landscape Images of Baron F.W. von Egloffstein, Topographic Artist in the American West
B.S. (with distinction) University of Wisconsin–Madison, 1987, Geography / Cartography / Political Science

Employment History

2010 – present	Professor, Department of Environment & Sustainability, Ohio Wesleyan University
2004 - 2010	Associate Professor, Department of Geology and Geography, Ohio Wesleyan University
1999 - 2004	Assistant Professor, Department of Geology and Geography, Ohio Wesleyan University
1998 - 1999	Visiting Scholar and Instructor, Department of Geography, The Ohio State University
1996 - 1998	Assistant Professor, Department of Geography, State University of New York at Buffalo
1996	Professional Staff, Deasy GeoGraphics, Penn State
1994 -1995	Instructor, Department of Geography, Penn State
1993 -1994	Professional Staff, Deasy GeoGraphics, Penn State
1993 (summer)	Instructor, Department of Geography, University of Oregon
1992 - 1993	Teaching Assistant, Department of Geography, Penn State
1991	Instructor, Department of Geography, Penn State
1990 - 1991	Teaching Assistant, Department of Geography, Penn State
1988 - 1990	Research Assistant, Department of Geography, University of Wisconsin - Madison
1986 - 1988	Professional Staff, Cartographic Laboratory, University of Wisconsin - Madison

Teaching: Ohio Wesleyan University

WWW Teaching Materials: http://krygier.owu.edu

Courses

- **ENVS 110: Introduction to Environment & Sustainability**
  - Introduction to environment, sustainability and society; core course in Environment & Sustainability
- **ENVS 198/498: Conversations Towards a Sustainable Future**
  - Freshman cornerstone and senior capstone quarter credit course for E&S majors
- **ENVS 399: Sustainability Practicum**
  - Applied sustainability practicum
- **ENVS 490/491: Independent Study & Directed Readings**
  - Independent reading and research for Environment & Sustainability majors
- **GEOG 111: Introduction to Physical and Environmental Geography**
  - An introduction to the Earth's physical environment and environmental issues
- **GEOG 222: The Power of Maps and GIS**
  - An introduction to mapping and Geographic Information Systems & web mapping
- **GEOG 291: Geospatial Analysis with Desktop GIS**
  - Module course, desktop GIS
- **GEOG 292: Geospatial Analysis with Web GIS**
  - Module course, desktop GIS
- **GEOG 293: Geospatial Analysis with Python**
  - Module course, desktop GIS
- **GEOG 353: Cartography and Visualization**
  - Map design, map making, and desktop Geographic Information Systems
- **GEOG 355: Geographic Information Systems**
  - Overview of GIS principles and software with applied course project
- **GEOG 360: Environmental Geography**
  - Seminar on historical and contemporary issues in Environmental Geography
- **GEOG 490/491: Independent Study & Directed Readings**
  - Independent reading and research for Geography and Environmental Studies majors

Publications: Books

2024 Krygier, J.B. & D. Wood. *Making Maps: A Visual Guide to Map Design for GIS.* Fourth edition. New York: Guilford.

2016 Krygier, J.B. & D. Wood. *Making Maps: A Visual Guide to Map Design for GIS.* Third edition. New York: Guilford.

2011 Krygier, J.B. & D. Wood. *Making Maps: A Visual Guide to Map Design for GIS.* Second edition. New York: Guilford. (Korean translation: 2012).

2010 Wood, D., and J.B. Krygier. *The Power of Maps.* Second edition. New York, Guilford. [three co-authored chapters are included in this book).

2005 Krygier, J.B. & D. Wood. *Making Maps: A Visual Guide to Map Design for GIS.* New York: Guilford.

Scholarly Blog

2007-2024 Mapping related essays and resources at ***makingmaps.net*** (1,864,009 hits as of 10/2024)
2023-date Mapping related essays and resources at makingmaps.substack.com

Research: Refereed and Reviewed Publications

* **Refereed** publications are those that have gone through the traditional peer review process.
** **Reviewed** publications are those that have been anonymously reviewed prior to publication.

Information on publications, citations, etc:
Google Scholar: https://scholar.google.com/citations?hl=en&user=v42Ul6QAAAAJ
Research Gate: https://www.researchgate.net/profile/John_Krygier/contributions
Academia.edu: https://johnkrygier.academia.edu

2020 Krygier, J.B. Review of Matthew Edney, Cartography: The Ideal and Its History. *Isis: A Journal of the History of Science Society*, Volume 111, Issue 1, pp. 207-208

2018 Krygier, J.B. and D. Wood. "Towards unMaking Maps." In *This is not an Atlas: A Global Collection of Counter-Cartographies.* Bielefeld: Transcript Verlag.

2018 Howald, E & J. Krygier "Scrappy Sustainability at Ohio Wesleyan University: A Grassroots Model for Sustainability in Higher Education." *Communities Design Handbook: Green Engineering, Architecture, and Technology,* edited by Woodrow Clark. Amsterdam: Elsevier [2018]

2015 Krygier, J.B. "Reflections on J.B. Harley's "Deconstructing the Map"'. *Cartographica: The International Journal for Geographic Information and Geovisualization* 50(1).
* **Refereed** publication

2015 Krygier, J.B. & D. Varanka. "Art and Cartography in the 20th Century." Essay for *The History of Cartography: 20th Century.* Ed. Mark Monmonier. Chicago: University of Chicago Press.

2012 Krygier, J.B. & D. Wood. "Ce n'est pas le monde." Reprinted in *PEN America 15:* Maps. March 7, 2012

2009 Krygier, J.B. & D. Wood. "Ce n'est pas le monde." In *Rethinking Maps.* Edited by M. Dodge, R. Kitchin, and C. Perkins. New York: Routledge.
* **Refereed** publication

2009 Krygier, J.B. & D. Wood. "Map," "Protest Maps," "Critical Cartography," "Map Types," *Encyclopedia of Human Geography.* New York: Elsevier.

2008 Hawthorne, T, J. Krygier, M. Kwan. "Mapping Ambivalence: Exploring the Geographies of Community Change and Rails-to-Trails Development using Photo-based Q Method and PPGIS." *Geoforum* 39, pp. 1058-1078. (Publication of Tim Hawthorne's senior research project).
* **Refereed** publication (three reviewers).

2007 Gilbert, M. & Krygier, J.B. "Mapping Campus-Community Collaborations: Integrating Partnerships, Service-Learning, Mapping and GIS." D. Sinton & J. Lund, eds. *Understanding Place: GIS and Mapping Across the Curriculum.* Redlands CA: ESRI Press.
** **Reviewed** publication (two reviewers)

2006 Krygier, J.B. "Jake Barton's Performance Maps." *Cartographic Perspectives* 53.
* **Refereed** publication (three reviewers).

2006 Wood, D. and Krygier, J.B. "Art and Mapping: Special Issue." *Cartographic Perspectives* 53. Krygier was co-editor of this special issue of 5 papers.

2005 Crampton, J & Krygier, J.B. "An Introduction to Critical Cartography." *ACME: An International e-Journal for Critical Geographies* 4:1.
* **Refereed** publication (four reviewers).

2003 Krygier, J.B. and Peoples, D. "Geographic Information Literacy." M. Peterson, ed. *Maps and the Internet.* New York: Elsevier.
** **Reviewed** publication (one review)

2002 Krygier, J.B. "The Praxis of Public Participation GIS." W. Craig, T. Harris, and D. Weiner, eds. *Community Participation and Geographic Information Systems.* New York: Taylor and Francis.
** **Reviewed** publication (three reviewers).

1999 Krygier, J.B. "Cartographic Multimedia and Praxis in Human Geography and the Social Sciences." W. Cartwright, M. Peterson, and G. Gartner, eds. *Multimedia Cartography.* New York: Springer Verlag.
** **Reviewed** publication (two reviewers).

1998 Krygier, J.B. "Project Ketch: Project Plowshare in Pennsylvania." *Ecumene* 5:3. pp. 311-322.
* **Refereed** publication (two reviewers).

1997 Krygier, J.B. "Envisioning the American West." *Cartography and Geographic Information Systems* 24:1. pp. 27-50.
* **Refereed** publication (two reviewers).

1997 Krygier, J.B., C. Reeves, D. DiBiase, and J. Cupp. "Design, Implementation, and Evaluation of Multimedia Resources for Geography and Earth Science Education." *Journal of Geography in Higher Education* 21:1. pp. 17-39.
* **Refereed** publication (two reviewers). Krygier managed the research and wrote the paper.

1996 Krygier, J.B. "Geography and Cartographic Design." Chapter in: C. Wood and C.P. Keller, ed. *Cartographic Design: Theoretical and Practical Perspectives.* New York: Wiley. pp. 19-33.
** **Reviewed** publication (two reviewers). Papers for book selected on a competitive basis by editors.

1995 Krygier, J.B. "Cartography as an Art and a Science." *Cartographic Journal* 32:6. pp. 3-10.
* **Refereed** publication (two reviewers). **Awarded** the British Cartographic Society's Wallis-Genasys Award for the best article in the *Cartographic Journal* in 1995.

1994 Krygier, J.B. "Sound and Geographic Visualization." Chapter in: A. MacEachren and D. Taylor, eds. *Visualization in Modern Cartography.* New York: Pergamon Press. pp. 149-166.
** **Reviewed** publication (two reviewers). Chapters in this book were invited by the editors.

1994 DiBiase, D., C. Reeves, A. MacEachren, M. von Wyss, J.B. Krygier, J. Sloan, and M. Detweiler. "Multivariate Display of Geographic Data." Chapter in: A. MacEachren and D. Taylor, eds. *Visualization in Modern Cartography.* New York: Pergamon Press. pp. 287-312.
** **Reviewed** publication (two reviewers). Chapters in this book were invited by the editors.

1992 DiBiase, D., A. MacEachren, J.B. Krygier, and C. Reeves. "Animation and the Role of Map Design in Scientific Visualization." *Cartography and Geographic Information Systems* 19:4. pp. 201-214.
* **Refereed** publication (two reviewers). Krygier participated in the research.

Publications: Other

2002 Krygier, J. B. "Information Literacy: A Faculty Member's Perspective." For *Ohio Wesleyan Libraries Newsletter.*

2000 Krygier, J.B. Review of *Cartographic Encounters: Perspectives on Native American Mapmaking and Map Use.* (book ed. by G. Malcolm Lewis). *Annals of the Association of American Geographers.*

1999 Krygier, J.B. "World Wide Web Mapping and GIS: An Application for Public Participation." *Cartographic Perspectives* 33. pp. 66-67.

1998 Krygier, J.B. "The Praxis of Public Participation GIS and Visualization." Proceedings for Project Varenius Specialist Meeting on *Empowerment, Marginalization, and Public Participation GIS.* Santa Barbara, CA. October 15-17, 1998.

1998 Krygier, J.B. Review of *Mapping America's Past: A Historical Atlas.* (Atlas ed. by Mark Carnes and John Garraty). *Historical Geography* 26, pp. 256-259.

1996 Krygier, J.B. "Geographic Visualization and the Making of a Marginal Landscape." Position Paper in T. Harris and D. Weiner. *GIS and Society: The Social Implications of How People, Space, and Environment are Represented in GIS.* Scientific Report of the Initiative 19 Specialist Meeting. National Center for Geographic Information and Analysis Report # 96-7. pp. D39-D40

1995 Krygier, J.B. Review of *Visualization in Geographic Information Systems* (book ed. by H. Hearnshaw and D. Unwin). *Cartographic Perspectives* 20. pp. 51-53.

1994 DiBiase, D. and J.B. Krygier. "Multimedia at Penn State." *Cartographic Perspectives* 19. pp. 40-42.

1994 Krygier, J.B. "Macromedia Director: An Overview." *Cartographic Perspectives* 19. pp. 42-43.

1994 Krygier, J.B. Review of *Geography's Inner Worlds: Pervasive Themes in Contemporary American Geography* (book ed. by R. Abler, M. Marcus, and J. Olson). *Cartographica.* 30:4. pp. 95-97.

1993 DiBiase, D., A. MacEachren, J.B. Krygier, and C. Reeves. "A Map Interface for Exploring Multivariate Paleoclimate Data." *Proceedings of AUTOCARTO* 11. pp. 43-52. (revised as "Multivariate Display of Geographic Data").

1992 Krygier, J.B. Review of *Mapping the Next Millennium: The Discovery of New Geographies.* (book by Stephen S. Hall). *Cartographica* 29:2. pp. 69-70.

1991 DiBiase, D., A. MacEachren, J.B. Krygier, C. Reeves, and A. Brenner. "Animated Cartographic Visualization in Earth System Science." *Proceedings of the 15th International Cartographic Association Conference.* pp. 223-232. (revised as "Animation and the Role of Map Design in Scientific Visualization")

1991 Krygier, J.B. Review of *Geographic Information Systems: The Microcomputer and Modern Cartography.* (book ed. by D. Taylor). *Cartographic Perspectives* 9. pp. 24-26.

1989 Krygier, J.B. Review of MapMaker Software for Macintosh. *Cartographic Perspectives* 1:1. pp. 11-12.

Conferences / Symposia Organized

2016 *OWU Sagan National Colloquium: The Place of Waste:* Along with Jim Peoples and Nick Crane, wrote proposal for funds from the Luce Foundation to partially cover costs of the National Colloquium, on issues related to waste locally and globally.

2004 *Mapping Campus-Community Collaborations: Integrating Partnerships, Service-Learning, Mapping and GIS*. Wrote proposal, received grant, and coordinated conference held at OWU. Funded for $38,300 by Andrew Mellon Foundation via the Midwest Instructional Technology Center. May 2004. Attended by 35 faculty, staff, and students from a dozen liberal arts colleges.

Presentations: Professional Meetings

2014 "Building to Scale: Shaping Digital Coursework with Tools and Partnerships." Digital Scholarship Colloquium 2014: Pedagogy and Practices, at Case Western Reserve University in Cleveland. November 6, 2014.

2011 "Active Learning Strategies for Geographic Education." Panelist, Association of American Geographers Conference, Seattle, April 12-16.

2011 "Author Meets Critics: "Everything Sings: Maps for a Narrative Atlas" by Denis Wood, and "Making Maps, Second Edition" by John Krygier and Denis Wood." Panelist, Association of American Geographers Conference, Seattle, April 12-16.

2010 "Immigrantification and City Government 'Beautification' in a Midwestern City" with Jack Schemenauer and David Walker. 17th Annual Mini-Conference on Critical Geography, Milwaukee, WI Nov. 5-6.

2010 "unMaking Maps" Presentations and workshops at the 2010 Summer Institute at the Newberry Library, Chicago IL (fully funded, invited presentations).

2009 "Hey Map, Who Are You?" Presented at the Departmental Colloquium at the University of North Carolina, Charlotte NC.

2008 "Are Maps Autistic?" Presented at the Association of American Geographers Annual Meeting, Boston, MA.

2007 "This is Not the World, v. 3." Invited presentation (With D. Wood) at Geography & the Humanities Conference (Charlottesville VA)

2007 "UnMaking Maps, v. 3." Invited presentation at Geography & the Humanities Conference (Charlottesville VA)

2006 "This is Not the World, v. 2." Presentation (With D. Wood) at NACIS Conference (Madison WI)

2006 "UnMaking Maps, v. 2." Presentation at Critical Geography Conference (Columbus OH)

2006 "This is Not the World, v 1." Presentation (With D. Wood) at Critical Geography Conference (Columbus OH)

2006 "Experiments with Territories: Post-Cartographic Map Design." Organized three sessions, Association of American Geographers Annual Meeting, Chicago IL.

2006 "UnMaking Maps, v. 1." Invited presentation at CONFLUX (Brooklyn NY)

2005 Presentation & Workshop: *Map Design for GIS.* Skidmore College, Saratoga Springs, NY. Fully funded with stipend.

2004 "Mapping Campus-Community Collaborations: Integrating Partnerships, Service-Learning, Mapping and GIS." Presented with Tim Hawthorne (student) at National Institute for Technology and Liberal Education National Conference, Chicago IL

2004 Panel Discussant, *History and Geography: Assessing the Role of Geographic Information Systems in Historical Scholarship.* Newberry Library, Chicago IL. Fully funded participation.

2003 "Particapatory GIS at Ohio Wesleyan." Presented at the Midwest Instructional Technology Cener GIS Specialist Meeting, Feburary 2003.

2003 "Mapping Linear Geographies: Integrating Community-University Partnerships, Mapping, and GIS in Delaware, Ohio ." Association of American Geographers, New Orleans, LA. With Timothy Hawthorne (Ohio Wesleyan student).

2003 "The Future of Public Participation Geographic Information Systems: A Panel Discussion." Association of American Geographers, New Orleans, LA. With LaDona Knigge (University of Buffalo).

2002 "Public Participation Geographic Information Systems: Future Directions." Informal presentation at the First Annual Public Participation Geographic Information Systems Conference, New Brunswick NJ.

2002 "Mapping Linear Parks: Integrating Community-University Partnerships, Mapping, and GIS in Delaware Ohio." North American Cartographic Information Society Conference, Columbus OH. With Timothy Hawthorne (Ohio Wesleyan student).

2002 "Information Literacy in Geography." Information Literacy Conference, Ohio Wesleyan University, Delaware OH. With Deborah Carter Peoples (Ohio Wesleyan Science Librarian).

2001 "Art and Geography at the Millennium." Presentation and Panel Discussion, organized with Denis Cosgrove (UCLA). Association of American Geographers Conference, New York NY. Included an evening Reception and Art Exhibit at Taylor Gallery, New York NY.

2001 "Teaching Mapping with the World Wide Web." North American Cartographic Information Society Conference, Knoxville TN.

2001 "Teaching with Technology." Part of the OWU Teaching and Learning Committee Talk Series, and the Fall 2001 University National Colloquium.

2000 "Projecting Bodies: The Art and Science of Mapping the Body." *Association of American Geographers Conference,* Pittsburgh, PA. Part of session organized by Krygier on Mapping and Visualization in the Social Sciences and Humanities.

1998 "The Praxis of Public Participation GIS and Visualization." Presented at Project Varenius Specialist Meeting on *Empowerment, Marginalization, and Public Participation GIS.* Santa Barbara, CA. October 15-17, 1998.

1998 "Public Participation Visualization: Conceptual and Applied Research Issues." *Association of American Geographers Conference,* Boston, MA. Invited participation.

1997 "WWW Site Design." Presented at the 1997 *Virtual Geography Department Workshop,* Austin TX. Invited participation.

1997 "Community Networks, the Internet, and WWW in 'Marginal' Places." *Association of American Geographers Conference,* Ft. Worth TX. Invited participation.

1996 "The Molly Maguires in the Anthracite Coal Fields of Pennsylvania." Presented with C. McCracken at the *Eastern Historical Geography Association Conference,* Toronto Canada.

1996 "Geographic Visualization and Public Participation." *Symposium on Computer Visualization in Participatory Environmental Decisionmaking,* Syracuse NY. Invited participation.

1996 "Atomic Spectacle in a Marginal Landscape: Project Plowshare in Pennsylvania." *Association of American Geographers Conference,* Charlotte NC. Invited participation.

1996 "Panel Discussion on Multimedia, the World Wide Web, and Geographic Information." *Association of American Geographers Conference,* Charlotte NC. Invited participation.

1995 "Marginal Ideas in Marginal Places: Landscape and the Rhetoric of Atomic Explosions." *Association of American Geographers Conference,* Chicago IL.
Awarded Rural Geography Specialty Group 1995 Best Student Paper Award.

1995 "Implementation of Interactive Multimedia in the Classroom." Presented with C. Reeves at *Association of American Geographers Conference,* Chicago IL.

1994 "Geography and Cartographic Design." *Second Symposium on Cartographic Design and Research,* Ottawa Canada. Competitive selection of papers presented at Symposium.

1994 "The Visual Geographies of Quehanna." *Association of American Geographers Conference,* San Francisco CA. Presented in session I organized entitled "Visual Geographies"

1993 "Mapping With Sound." *Association of American Geographers Conference,* Atlanta GA.

1992 "Cartographic Animation on the Macintosh." Workshop presented with C. Reeves and D. Tilton at *North American Cartographic Information Society Conference,* Minneapolis MN.

1991 "Visualization in a Non-Objectivist World." *Association of American Geographers Conference,* Miami FL.

1991 "An Elementary Approach to Cartographic Animation." Presented with D. DiBiase, A. MacEachren, and C. Reeves at *Association of American Geographers Conference,* Miami FL.

1990 "The Microcomputer-Based Cartographic Lab." *North American Cartographic Information Society Conference,* Orlando FL.

1990 "PaleoOcean Map Animation." Presented with D. DiBiase at *North American Cartographic Information Society Conference,* Orlando FL.

1989 "Microcomputer Cartographic Production: Theoretical Problems and Prospects." *North American Cartographic Information Society Conference,* Ann Arbor MI.

1989 "Microcomputer Cartographic Production: Practical Problems and Prospects." *North American Cartographic Information Society Conference,* Ann Arbor MI.

1988 "IntroMap Cartographic Production Tutorial." Presented with D. Woodward and D. DiBiase at *North American Cartographic Information Society Conference,* Denver CO.

Reviews for Refereed Journals, Academic Publishers, Academic Promotion

2011 Review of Faculty Promotion Materials (promotion to Full Professor), Mount Holyoke College

2010 Review of 24 National Endowment for the Humanities Proposals: Digital Mapping and GIS Program.

2009 Review of Research Proposals for Association of American Geographers Graduate Student Research Awards (seven proposals revewed).

2007 *Cartography and GISci,* Review of "Framing the Days: Narrative and Cartographic Design."

2006 *Cartography and GISci,* Review of " Taking Humour Seriously in Contemporary Mapping."

2006 *International Journal of GISci,* Review of "Documenting Map Construction for Environmental Planning Activities."

2006 Guilford Publications, Review of Book Proposal, *Principles of Mapmaking.*

2005 *Cartography and GISci,* Review of "A Real-Time Method of Placing Text and Icon Labels

Simultaneously."

2005 University of Chicago Press, Review of Book Proposal, *The History of Cartography: 20th Century.*

2005 *Cartographica,* Review of "Designing Interactive Sound Maps Using Scalable Vector Graphics."

2004 National Science Foundation, Review of Grant Proposal, "Mulitmedia GIS."

2004 Center for American Places / Johns Hopkins University Press, Review of Book MS *What Makes a Map a Map.*

2003 *Cartographic Perspectives,* Review of "Indigenous Hawaiian Cartographer: Blurring Boundaries."

2003 University of Chicago Press, Review of Book MS *The Political Mapping of Cyberspace.*

2002 *Cartography and GISci,* Review of "Cartographic Labor and Automation."
2002 *Professional Geographer,* Review of "In Search of the Masses: Ten Myths of GIS in K-12 Education and a Potential Resolution."

2002 *Cartographic Perspectives,* Review of "Getting Real: Reflecting on the New Look of National Park Service Maps."

2002 *Cartographic Perspectives,* Review of "Thinking Philosophically in Cartography."

2002 *Cartography and GISci,* Review of "Audiovisual Maps."

2002 Blackwell, Review of Book Proposal, *Critical GIS and Cartography: An Introduction*.

2001 *Cartography and GISci,* Review of "Building Public Participation GIS through University/Community Partnerships."

2001 *Cartographic Perspectives,* Review of "The Poet as Mapmaker."

2001 *Cartography and GISci,* Review of "New Metaphors for User Access to Multimedia Mapping Systems."

2000 *International Journal of GIS,* Review of "Thresholds: Coming into GIS."

2000 Association of American Geographers Cartography Specialty Group, Masters Thesis Research Grant Competition (Proposal of Amy Griffin).

1999 *Professional Geographer,* Review of "Peaceful Nuclear Explosions and the Geography of Scientific Authority."

1999 *Cartography and GISci,* Review of "Interactivity Variables in Geographic Visualization."

1999 Prentice Hall, Review of Book MS *Introduction to Physical Geography: An Integrated Learning System*.

1998 *International Journal of GIS,* Review of "Interaction in Virtual Worlds."

1998 *Journal of Geography,* Review of "Euro-Web."

1997 *Cartography and GISci,* Review of "New Metaphors for User Access to Multimedia Mapping Systems"

1997 *Cartography and GISci,* Review of "How and Why Community Groups Use Maps and Geographic Information."

Professional Appointments & Service

- **Board** (2009-), Scholarly Communications Institute at the University of Virginia
- **Editor** (2006-07), *Cartographic Perspectives* (Peer-Reviewed Journal)
- **Assistant Editor** (2004-06), *Cartographic Perspectives* (Peer-Reviewed Journal)
- **Board of Directors** (2002-08), NITLE GIS Initiative
- **President** (2003-04), North American Cartographic Information Society (NACIS)
- **Program Chair** (2003), NACIS Conference, Jacksonville FL, Fall 2002
- **Vice President** (2002-03), North American Cartographic Information Society (NACIS)
- **Local Arrangements and Conference Organization:** NACIS Conference, Columbus OH, Fall 2002
- **Editorial Board** (2000-date), *Cartographic Perspectives*
- **Board of Directors** (1999-2002), NACIS

Educational Activities: Other Universities

The Ohio State University

- Courses Taught:
  - Geography 200: World Regional Geography: 1998-99
  - Geography 580: Elements of Cartography: 1998-99

State University of New York at Buffalo, Department of Geography

- Courses Taught:
  - Geography 120: Maps and Mapping: 1996-98
  - Geography 381/550: Cartographic Design: 1996-98
  - Geography 452/552: Geography and the WWW:1997
  - Geography 485/551: Cartography and Geographic Visualization: 1996-98

Penn State, Department of Geography

- Courses Taught:
  - Geography 20: Introduction to Human Geography: 1995
  - Geography 124: Cultural Geography: 1994-95
  - Geography 421: Advanced Cartography: 1991

- Course Developed:
  - Earth Sciences 002: Gaia: An Introduction to Earth Science

University of Oregon, Department of Geography

- Courses Taught:
  - Geography 411/511: Advanced Cartographic Design and Production: 1993 (summer)

Miscellaneous Educational Activities

- Presenter and participant at 1997 and 1998 *Virtual Geography Department Workshop,* sponsored by the NSF and the Department of Geography, University of Texas at Austin. Contributor to the *Virtual Geography Department* WWW site.

Grant Support

2015: Mellon Foundation Grant to develop Engaging Columbus web site (http://blog.owu.edu/engagingcolumbus/)

2011: Recieved GLCA New Directions Initiative Grant, with David Walker and Deborah Peoples ($8000)

2011: New Steps Mellon Foundation Grant ($6,865)

2003: Midwest Instructional Technology Center (MITC) Conference Grant: Mapping Campus-Community Collaborations: GIS as a Tool for Active Learning and Civic Problem Solving. Grant submitted Oct. 1 2003. $38,300. **Granted 11/1/03**

2003-10: Ohio Wesleyan StAP Grant: " GIS Project Assistant." Student stipend.

2002: ESRI Course on ArcGIS Software. $600 (fee wavier).

2002: Ohio Campus Compact: Student Citizen Fellowship: "Recreational Trails and Linear Parks in the City and County of Delaware, Ohio: A Collaborative Project between Ohio Wesleyan University students and the "Delaware County Friends of the Trail" Community Group. Written by Timothy Hawthorne and John Krygier. One of four awards state-wide for 2002-3. $1500 student stipend.

2002: Ohio Wesleyan University Summer Science Program: "Making Linear Parks: Collaborative Research, Community Participation, and GIS in the Conversion of an Abandoned Urban Rail Corridor." With Timothy Hawthorne (Ohio Wesleyan). $1500 + Student stipend.

2001: Mellon Foundation/CONSORT Colleges: "Incorporating Information Literacy into Mapping and Environmental Geography Courses." $2250 + Librarian Release Time.

2001-2: Ohio Wesleyan StAP Grant: "Public Participation GIS and the Environment Project Assistant." Student stipend.

2001: Ohio Campus Compact: "Bicycle Trails in the City of Delaware, Ohio: A Collaborative Project Between Ohio Wesleyan University and Citizens of Delaware." With Rowland Smith (Delaware community member). $1500.

1999: ESRI Course on Arc GIS Software. $500 (fee wavier)

1999: Project Varenius: "Public Participation GIS and Defensible Space." $6000.

1996: National Center for Geographic Information and Analysis; "Community Networks, the Internet, and WWW in 'Marginal Places." $2500

1996: Faculty of Social Sciences, State University of New York at Buffalo; "Methods of Interactive Mapping and GIS via the WWW." $4000

Selected Published Maps

1996 "The History of the Centre Region." For Centre County Historical Society. Four-color poster about the historical landscape of central Pennsylvania. Research, compilation, consulting, design, and production

1989 "North Country National Scenic Trail." For National Park Service. Four-color 20"x24" brochure including maps, text, and photos. Research, compilation, consulting, design and principal cartographer.

1988 "Scandinavian Migration and Settlement: 1860-1890." For University of Wisconsin-Madison, Department of Geography. **Awarded** 1988 Canadian Cartographic Association President's Prize. Design, compilation and production with D. DiBiase.

1988 "University of Colorado-Boulder Campus Map." For University of Colorado-Boulder. Four-color, perspective map of the Boulder Campus. Research, compilation, consulting, design and principal cartographer.

1987 "The Flight of the Voyager." For end-papers in J. Yeager and D. Rutan, *Voyager.* New York: Knopf. **Awarded:** 1987 R.R. Donnelly and Sons Prize, ACSM Map Design Competition. Research, compilation, design and production with D. DiBiase.

1987 "Chippewa Moraine Ice Age National Scientific Reserve" (unpublished) For Graphic Design in Cartography course. **Honorable mention:** 1987 R.R. Donnelly and Sons Prize, ACSM Map Design Competition

Selected Digital Projects

2014- Sustainability and Environment blog and web site, development and maintenance (https://sustainability.owu.edu)

2006- *Department of Geology and Geography web site,* development and maintenance. (geography.owu.edu)

2005- *Making Maps: DUI Cartography:* Professional web log (blog), featured writer. (https://makingmaps.wordpress.com)

1999- *Project Peale: Documenting, Mapping, Interpreting and Commemorating a Ghost Company Town.* An ongoing, collaborative project focused on the 'rebirth' of the ghost company town of Peale, Pennsylvania. Began as a project while Krygier was at Penn State and has developed with contributions of people from around the country who have an interest (and often family roots) in Peale. Featured on State College (PA) National Public Radio affiliate; *Central Pennsylvania Magazine,* and the *Center Daily Times.* **(**www.owu.edu/~jbkrygie/krygier_html/peale/peale.html)

1997 "University at Buffalo Geography WWW Site." For UB Geography. Design, research, and production of WWW site.

1997 "Human Geography WWW Site." For Prentice Hall text "Human Geography" by P. Knox and S. Marsden. Design, research, and production of WWW site: http://www.prenhall.com/knox/

1996 "Penn State Graduate School WWW Site." For Penn State Graduate School. Design, research, and production of WWW site.

1995 "Penn State Geography WWW Site." For Penn State Department of Geography. Design, research, and production of WWW site.

1995 "Earth2 Multimedia Courseware." For Penn State College of Earth and Mineral Sciences. Design, research and production of Interactive displays for use with introductory Earth Science course and text.

1992 "Penn State Professional Golf Management Program: Interactive Multimedia Display." For Penn State Professional Golf Management Program

1991 "Animated Cartographic Applications" (videotape). Research project. Animated display of research concerning applications of cartographic animation. Created with D. DiBiase, C. Reeves, A. MacEachren, and A. Brenner

1991 "An Elementary Approach to Cartographic Animation" (videotape). Research project. Animated display of research concerning dynamic visual variables and animation. Created with D. DiBiase, C. Reeves, A. MacEachren, and A. Brenner

1990 "PaleoOcean Map Animation." For Penn State Earth System Science Center. Animated map of PaleoOcean model data. Created with D. DiBiase

1990 "Interactive Symbol Discrimination Experiment." Research project. Interactive computer experiment for the evaluation of National Park Service map symbols. Created with C. Reeves and A. Brenner

1988 "IntroMap Cartographic Production Tutorial." Created for Apple Computer grant and D. Woodward Interactive computer tutorial. Created with D. Woodward and D. DiBiase

Service and Professional Memberships

- Department of Geology and Geography: Service
    - Maintenance of Geology and Geography GIS and Computer Lab (2000-date)
    - Construction and maintenance of Geology and Geography WWW pages (2005-date)
    - Human Geography faculty position search committee, Spring 2002
    - Human Geography faculty position search committee, Spring 2008
    - "DOGG" (Department of Geology and Geography) Student Organization Advisor, 2001-date. I initiated the idea of a departmental student organization, monthly 'free lunch' meetings (sponsored by the Department), and the development of a student lounge area (furniture donated by department Alumni).
    - Organized trip to 2000 Association of American Geographers Conference, Spring 2000 (12 students), advised students on subsequent yearly attendance at the AAG and NACIS conferences.

- Ohio Wesleyan University: Service
    - Committee on Admissions and Financial Aid (F 10 -)
    - President's Task Force on Sustainability (S 09 -)
    - Ohio Wesleyan Curricular Plan Committee (S 09 -)
    - Committee on Admissions and Financial Aid (F 08 – S 09)
    - Teaching and Learning and Cross-Cultural Programming Committee (F 02 - S 03)
        - Chair, 2003-04
        - Technology subcommittee
    - Information Literacy Committee (F 01 - S 03)
    - Information Systems Advisory Panel (F 01 - date)
    - Orientation Mentor Program (F 02 - S 03)
    - Student Advising (F 01 - date)
    - Recruitment of speakers for Science Lecture Series (Paul Robbins, F 01)
    - Recruitment of speaker for National Colloquium (Marielle Brinkman, F 01)

- **Professional Memberships**

    - Association of American of Geographers (AAG)
        - Cartography Specialty Group
        - GIS Specialty Group
        - Cultural Geography Specialty Group
        - Historical Geography Specialty Group

    - North American Cartographic Information Society (NACIS)

    - Canadian Cartographic Association (CCA