

MARK D. BJELLAND
(UPDATED SEPTEMBER 2014)

Title: Professor of Geography

Contact: Calvin College (616) 526-6648
3201 Burton Street Southeast mdb38@calvin.edu
Grand Rapids, Michigan 49506
<https://www.calvin.edu/academic/geology/faculty/bjelland/>

Education

- Ph.D. Geography**, University of Minnesota, Minneapolis, MN, 2000
Dissertation: Recycling the Industrial City: Brownfield Site Cleanup and Redevelopment in Minneapolis-St. Paul and Vancouver, B.C.
- M.C.S. Interdisciplinary Studies**, Regent College, Vancouver, B.C., 1995
Comprehensive Examination: Culture, Technology, Environment, and Theology
- M.S. Civil Engineering**, University of Washington, Seattle, WA, 1988
Concentration: Environmental Engineering and Science
Thesis: Kinetics of Methanotrophic Biodegradation of Chlorinated Aliphatic Hydrocarbons
- B.C.E. Civil Engineering**, University of Minnesota, Minneapolis, MN, 1986
Graduated with High Distinction
Concentration: Water Resources and Environmental Engineering

Previous Academic Appointments

- 1998-2013 Gustavus Adolphus College, Department of Geography
Professor (2011-2013)
Department Chair (2002-2013)
Associate Professor (2004-2011)
Assistant Professor (1999-2004)
Instructor (1998-1999)
- 1997 University of Minnesota, Urban Studies Program,
Instructor

Visiting Appointments

- 2012 Scholar in Residence, Regent College, Vancouver, Canada
- 2011-12 Visiting Professor, Department of Geography, University of British Columbia
- 2004-2005 Visiting Fulbright Scholar, School of City and Regional Planning, Cardiff University, Wales, U.K.

- 2003 Seminar Co-Leader, Calvin College Seminars in Christian Scholarship,
“Christian Environmentalism: With/Out Boundaries”
- 2002 Visiting Scholar, Department of Geography, University of British Columbia

Courses Taught

Regular Teaching Assignment

Human Impacts on the Environment
People, Place, and Community
Urban Geography with Field Laboratory
Planning for Sustainable Communities
Cartography and Geographic Information Systems
Nature and Society

Experiential and Travel Courses

Urban Planning and Design
The Future of Sustainability
Sustainable Development in the Pacific Northwest
City and Regional Planning in Great Britain
Hawaii: Volcanoes in the Sea

Past Courses

Urban Planning and Design
The Future of Sustainability
Introduction to Human Geography
Urban and Regional Analysis
Water Resources Management
Introduction to Geographic Information Systems
Weather and Climate
Cities and the Environment
Introduction to Environmental Studies
The City—Visions, Plans, and Realities
Environmental Attitudes and Landscape Change
Climate and Human Affairs
Physical Science for Elementary Educators

Publications

Getis, A., Bjelland, M., and Getis, V., 2014, *Introduction to Geography*, 14th Edition, New York: McGraw-Hill.

Bjelland, M., Bruner, M. S., and Davenport, J., 2014. “Imagined Lifeway in North America ca. 2100,” in *A World After Climate Change and Culture Shift*, James Norwine ed., Dordrecht: Springer Verlag, 225-234.

Bjelland, M., Montello, D., Fellman, J., 2013, *Human Geography: Landscapes of Human Activities*, New York: McGraw-Hill.

- Getis, A., Getis, J. Bjelland, M., and Fellmann, J., 2011, *Introduction to Geography*, 13th Edition, New York: McGraw-Hill.
- Bjelland, M. 2010. "Love Canal," in *Encyclopedia of Geography*. Warf, B. ed., Thousand Oaks, CA: Sage Publications, pp. 1806-1808.
- Bjelland, M. 2010. "Landfills," in *Encyclopedia of Geography*, Warf, B. ed., Thousand Oaks, CA: Sage Publications., pp. 1684-1686
- Fellmann J., Bjelland, M, Getis, A., and Getis, J. 2009. *Human Geography: Landscapes of Human Activities*, 11th Edition, New York: McGraw-Hill.
- Bjelland, M., Cowger, L, Maley, M., and Barajas, L. 2006. The Quest for Authentic Place? The Production of Suburban Alternatives in Minnesota's St. Croix River Valley, *Urban Geography*, Vol. 27, No. 3, 253-270.
- Bjelland, M. 2006. Faith, Social Justice and Service Learning in Environmental Studies: The Struggle for Integration. In *Spirit of Service*, Brian Johnson and Carolyn O'Grady, eds. Boston, MA: Anker Publishing.
- Bjelland, M. 2006. The Homes Where We Live. In *Living the Good Life on God's Good Earth*, Grand Rapids, MI: CRC Publications.
- Wood, J., Curry, J., Bouma-Prediger, S., Bjelland, M., and Bratton, S. 2005. Christian Environmentalism: Cosmos, Community and Place, *Perspectives on Science and Christian Faith*, Vol. 57, No. 1, 1-5.
- Bjelland, M. 2004. Reclaiming Brownfield Sites: From Toxic Legacies to Sustainable Communities. In *WorldMinds: Geographic Perspectives on 100 Problems*, D. Janelle, B. Warf, and K. Hanson eds., Boston: Kluwer Academic Publishers.
- Bjelland, M. 2004. Brownfield Sites in Minneapolis-St. Paul: The Interwoven Geographies of Industrial Disinvestment and Environmental Contamination. *Urban Geography*, Vol. 25, No. 7, 589-630.
- Bjelland, M. 2004. A Place for Geography in the Liberal Arts College? *The Professional Geographer*, Vol. 56, No. 3, 326-336.
- Bjelland, M. 2002. Until Justice and Stewardship Embrace: Or, How a Geographer Thinks About Brownfield Sites. *Christian Scholar's Review*, Vol. 31, No. 4, 393-412.
- Bjelland, M., 1999. *Thinking Regionally: Justice, Nature and City Planning*, Crossroads Monograph Series on Faith and Public Policy, No. 29, Wynnewood, PA: Evangelicals for Social Action, 66 pp.
- Strand, S., M. Bjelland, and H. D. Stensel. 1990. Kinetics of Chlorinated Hydrocarbon Degradation by Suspended Cultures of Methane-Oxidizing Bacteria. *Research Journal of the Water Pollution Control Federation*, Vol. 62, pp. 124-129.

Strand, S., R. Seamons, M. Bjelland, and H. D. Stensel. 1988. Competitive Kinetics of Methane-Oxidizing Biofilms for Degradation of Toxic Organics. *Water, Science and Technology*, Vol. 20, No. 11/12, pp. 167-173.

Chiesa, S. C., J. Postiglione, and M. Bjelland, 1987. Effects of Variable Influent Loading on Biological Phosphorus Removal. *American Society of Civil Engineers Journal of Environmental Engineering*, Vol. 113, No. 5, pp. 1058-1073.

Manuscripts in Preparation

“Greenway,” and “Parkway,” entries in *Minicars, Maglevs, and Mopeds: Modern Modes of Transportation Around the World*, ABC-CLIO/Greenwood Press.

Urban Change and Congregational Diversity: the Changing Faces and Spaces of Minneapolis Lutherans, to be submitted to *The Professional Geographer*.

Eco-Gentrification and the Changing Social Geography of Vancouver, to be submitted to *The Canadian Geographer*.

Reports, Non-Refereed Articles, and Instructional Materials

On-Line Interactive Homework Site, *Introduction to Geography*, New York: McGraw-Hill.

Bjelland, M. 2009. “Reflections on Geography’s Contributions to the Social Scientific Study of Religion,” *AAG Newsletter*, Vol. 4, No. 4, p. 13.

Bjelland, M. 2009, 2010. *Instructor’s Resource Manual for Introduction to Geography*, 12th and 13th editions, New York: McGraw-Hill

Bjelland, M. 2009. *Test Bank for Introduction to Geography*, New York: McGraw-Hill.

Bjelland, M. 2009. *Lab Manual for Weather and Climate*, self-published.

Bjelland, M. 2008. *Lab Manual for Introduction to Human Geography*, self-published.

Bjelland, M. 2005. Called to Completion. *The Cresset: A Review of Literature, The Arts, and Public Affairs*, Easter.

Bjelland, M. 2003. Land-Use Planning and the Quest for Shalom. *Journal of Lutheran Ethics*. Vol. 3, No. 10.

Bjelland, M. 2000. Brownfield Sites: Causes, Effects, and Solutions. *Center for Urban and Regional Affairs Reporter*, Vol. 30, No. 1, 1-10.

Bjelland, M. 1997. Reusing the Arsenal: How the University Was Involved in the Planning Process. *Center for Urban and Regional Affairs Reporter*; Vol. 27, No. 2, 17-23.

Bjelland, M. 1997. Metropolitan Growth and Local Government Finances,” in *Sustainable Metropolitan Growth: The Transportation-Land Use Connection, Report No. 1: The Role of*

Housing Markets, Regulatory Frameworks, and Local Government Finance, Adams, J. S. and VanDrasek, B. J. eds., prepared for the Minnesota Department of Transportation, University of Minnesota Center for Transportation Studies, and the Metropolitan Council.

Chiesa, S. and M. Bjelland. 1988. Plastics in the Waste Stream: Potential Problems and Management Alternatives. *Center for Urban and Regional Affairs Reporter*, Vol. 18, No. 2, 7-11.

Book Reviews

William G. Moseley, Eric Perramond, Holly M. Hapke, and Paul Laris, "An Introduction to Human-Environment Geography: Local Dynamics and Global Processes," Reviewed for *Journal of Geography*, published online 26 September 2014.

Clarissa Rile Hayward and Todd Swanstrom, eds. "Justice and the American Metropolis," University of Minnesota Press, 2011; reviewed for *Journal of Regional Science*, Vol. 52(4): 720-722.

Wilbur Zelinsky and Stephen Matthews, "The Place of Religion in Chicago," University of Chicago Press, 2011; reviewed for *Geographical Review*, Vol. 102 (2): 265-268.

Peter Marcuse, James Connolly, Johannes Novy, Ingrid Olivo, Cuz Potter, and Justin Steil, eds. "Searching for the Just City: Debates in Urban Theory and Practice," Routledge, 2009; reviewed for *Journal of Regional Science*, Vol. 52(4): 722-724.

Paul L. Knox and Heike Mayer, "Small Town Sustainability: Economic, Social, and Environmental Innovation," Birkhäuser, 2009; reviewed for *Urban Geography*, 2010, Vol. 31 (8): 1150-1151.

Rob Krueger and David Gibbs, Eds., "The Sustainable Development Paradox: Urban Political Economy in the United States and Europe," Guilford, 2007, reviewed for *Economic Geography* (January 2009) Vol. 85 (1): 113-114.

Thomas Fletcher, "From Love Canal to Environmental Justice: The Politics of Hazardous Waste on the Canada-U.S. Border," Peterborough, Ontario: Broadview Press, 2003, reviewed for *Urban Geography* (February 2006), Vol. 27, 2, 194-195.

Mira Engler, "Designing America's Waste Landscapes," Baltimore: Johns Hopkins University Press, 2004, reviewed for *The Professional Geographer* (February 2006) Vol. 58, 1, 120-121.

Jon Pahl, "Shopping Malls and Other Sacred Spaces: Putting God in Place," Grand Rapids, MI: Brazos Press, 2003, reviewed for *Crux* (September 2004) Vol. 15, 3, 37-38.

Michael R. Greenberg, "Restoring America's Neighborhoods: How Local People Make a Difference," New Brunswick, NJ: Rutgers University Press; reviewed for *Urban Geography*, (1999) Vol. 24, 1, 94-95.

Peter Marcuse and Ronald van Kempen, eds. "Globalizing Cities: A New Spatial Order?" London and Cambridge: Blackwell Publishers, reviewed for *H-Urban* (August, 2001). Reprinted in *Perspectivas Urbanas/Urban Perspectives* (2003).

Conference Presentations

2013. Eco-Gentrification and the Changing Social Geography of Vancouver, Association of American Geographers, Annual Meeting, Los Angeles, CA.
2010. Young Adults and the Growth and Decline of the Rural Midwest, Association of American Geographers, Annual Meeting, Washington, D.C.
2009. Urban Change and Congregational Diversity: A Study of Lutherans in Minneapolis, Society for the Scientific Study of Religion Annual Meeting, Denver, CO.
2009. Congregations and Religious Diversity, Association of American Geographers Annual Meeting, Las Vegas, NV.
2008. Incorporating Watershed Studies into the Gustavus Adolphus Environmental Studies Program. Geological Society of America Annual Meeting, Houston, TX.
2008. Beyond the Parish Bounds: The Changing Faces and Spaces of Minneapolis' Lutherans, Association of American Geographers Geography of Religion and Belief Systems Specialty Group, Boston, MA.
2007. Millennial Dreams: The Challenges of Creating Sustainable Communities, Annual Meeting of the Association of American Geographers, San Francisco, CA.
2006. The Ivory Tower and the Bulldozer: Colleges as Accidental Developers and Urban Planners. Conservation, Land Management and Stewardship: A Cross-Campus Symposium, Calvin College, Grand Rapids, MI.
2005. London's Greenwich Millennium Village: A Template for Sustainable Brownfields Regeneration?" Association of European Schools of Planning Annual Conference, Vienna, Austria.
2005. Brownfields, Globalization, and the Livable City. Nordic Geographers Meeting, Lund, Sweden.
2004. The Moral Landscape of Suburban Alternatives, American Scientific Affiliation Meeting, Vancouver, B.C.
2004. The Quest for Authentic Place: The Production of Suburban Alternatives in Minnesota's St. Croix Valley, Annual Meeting of the Association of American Geographers, Philadelphia, PA.
2003. Environmental Sustainability Indicators Applied to Rural Cluster and New Urbanist Development Projects. Annual Meeting of the Association of American Geographers, New Orleans, LA.
2003. The Status of Geography in Liberal Arts Colleges. Annual Meeting of the Association of American Geographers, New Orleans, LA.

2002. How Green is Smart Growth? West Lakes Regional Meeting of the Association of American Geographers, Minneapolis, MN.
2002. A Place for Geography in the Liberal Arts College? Annual Meeting of the Association of American Geographers, Los Angeles, CA.
2001. Competing Agendas and Diverse Needs: A Geographical Framework for Evaluating Brownfield Site Restoration Projects. Annual Meeting of the Association of American Geographers, New York, NY.
2000. Minneapolis' Bassett's Creek: A Century of Civil Engineering and Social Engineering, Annual Meeting of the Association of American Geographers, Pittsburgh, PA.
1999. The Geography of Environmental Contamination: Implications for Environmental Policy. West Lakes Regional Meeting of the Association of American Geographers, Dekalb, IL.
1998. Brownfield Sites in Geographic Context. Annual Meeting of the Association of American Geographers, Boston, MA.
1997. Recycling the Industrial City: Brownfield Site Restoration in Minneapolis-St. Paul and Vancouver, B.C. Annual Meeting of the Urban Affairs Association, Toronto, ON.
1988. Kinetics of Chlorinated Hydrocarbon Degradation by Suspended Cultures of Methane-Oxidizing Bacteria. Annual Meeting of the Water Pollution Control Federation, Houston, TX.

Invited Academic Lectures

2010. Water, Water, Everywhere and Not a Drop to Drink, Minnesota Earth Science Teachers Association, Annual Workshop Saint Cloud, MN
2007. Brownfields and the Divergent Faces of Sequent Occupance, Geography Coffee Hour Lecture Series, University of Minnesota, Department of Geography, Minneapolis, MN.
2007. Finding Balance Within Environmentalism, Environmental Ethics, PHI-1335K, Bethel University, Saint Paul, MN.
2006. Towards an Urban Renaissance in the U.K., Geography Colloquium, Minnesota State University-Mankato, Mankato, MN.
2005. Stumbling Towards Sustainability: Smart Growth and the American Dream. Cardiff University, School of City and Regional Planning, Planning Research Group Seminar.
2005. Brownfields and the Janus-Faced Spaces of Globalisation. Cities Programme, London School of Economics.
2005. Urban Planning in the USA. Cardiff University, School of City and Regional Planning, International Planning Seminar Series.

2005. Challenges of Rural Sustainability in the Corn Belt, Cardiff University, School of City and Regional Planning, Sustainability in Practice Graduate Seminar.

2003. Urban and Environmental Planning in Post-Reunification Germany. Minnesota State University-Mankato, Geography Colloquium, Mankato, MN.

2003. Brownfields and Watershed Health. Wilfred Laurier University-Brantford, Brantford, Ontario.

2001. Valuing Groundwater: The Confluence of Science, Society, and Ethics. Minnesota Groundwater Association Annual Conference, Saint Paul, MN.

2001. Urban Stream Restoration: Tales From the Twin Cities. Minnesota State University-Mankato, Geography Colloquium, Mankato, MN.

1998. Brownfields, Deindustrialization, and Metropolitan Planning. Augsburg College, Urban Studies Seminar, Minneapolis, MN.

Public Speaking

2014. Water and the American West, Theme Week Assembly, Byron Center Christian Middle School, Byron Center, MI

2013. Eco-Communities. Linnaeus Arboretum Seminar, Saint Peter, MN

2011. From Toxic to Trendy: Gentrification of the Minneapolis Riverfront, Faculty Shoptalk, Gustavus Adolphus College, Saint Peter, MN.

2010. Water and Conflict, Adult Education Forum, House of Prayer Lutheran Church, Richfield, MN

2010. Growing Apart: Geographic Perspectives on Social and Religious Polarization, Pastor to Pastor Conference, Gustavus Adolphus College, Saint Peter, MN

2010. Geographic Perspectives on the Importance of Regional Centers and Interregional Corridors, Presentation to the Highway 169 Corridor Coalition, Saint Peter, MN.

2010. Water and Justice. Adult Education Forum, St. James Lutheran Church, Burnsville, MN

2009. Nobel Conference: H2O: Uncertain Resource, radio interviews on the Pat Reusse and Company show on KSTP AM 1500, the E Day show with Don Shelby, WCCO 830 AM, and Community Calendar with Ann Possis on WTIP North Shore Community Radio.

2009. Nobel Conference: H2O: Uncertain Resource preview, Gustavus Alumni Breakfast, Saint Louis Park, MN

2009. Flooding and Civil Engineering Challenges in the Minnesota River Valley: A K-12 Science Teachers Workshop, Saint Peter, MN

2009. Film Interview, *Earthbound: Created and Called to Care for Creation*, Educational DVD, Saint Paul, MN: Seraphim Communications.
2008. The Lutheran Statement on Creation Care—Vision, Hope and Justice, Incarnation Lutheran Church, Shoreview, MN
2007. Young Adults in Minnesota: A Geographical Analysis, Presented to the Board Meeting of the Center for Rural Policy Development, Minneapolis, MN
2007. The Changing Spatial Patterns of Lutherans in Minneapolis. Presented to the District Council Meeting, Minneapolis Synod, Evangelical Lutheran Church in America.
2007. Wales 2007, St. David's Day Luncheon Keynote Speaker, Gustavus Adolphus College, St. Peter, MN
2006. Something Old, Something New, Something Borrowed, Something Blue: The Future of British Cities, Faculty Shoptalk, Gustavus Adolphus College, St. Peter, MN
2006. Hurricanes, Natural Hazards and the Gulf Coast Region, Seniors Active Learning Together, Spring Seminar Series, Burnsville, MN
2006. Cardiff Today, St. David's Day Luncheon Keynote Speaker, Gustavus Adolphus College, St. Peter, MN
2006. One World, Many Peoples: Theology, Geography, and the Problem of the One and the Many, University Graduate Christian Fellowship, University of Minnesota, Minneapolis, MN
2005. Hurricanes and Natural Hazard Vulnerability, Partners in Education Forum, St. James Lutheran Church, Burnsville, MN.
2005. Three Rival Versions of Britain's Urban Future, Faculty Forum, Gustavus Adolphus College, St. Peter, MN
2005. What's Natural About Natural Disasters in New Orleans? Hurricane Katrina Teach-In, Gustavus Adolphus College, St. Peter, MN
2003. The Brownfield Challenge in Brantford. Kiwanis Club, Brantford, Ontario.
2003. Brownfield Sites: Challenges and Opportunities. Rotary Club, Brantford, Ontario.
2002. The Triune Creator and the Ecological Complaint Against Christianity. University of Minnesota, Graduate Christian Fellowship, Minneapolis, MN.
- 2001, 2002, 2006, 2007, 2008, 2009, 2010 Chapel Homilist. Gustavus Adolphus College.
2000. Guest on Twin Cities Viewpoints radio program, KQQL-FM, Minneapolis, MN.
2000. What Does Social Justice Have to Do With Environmentalism? Gustavus Adolphus College Controversy Speaker Series.

Grants and Awards

- 2014 Calvin College Science Division Summer Research Grant, “Deindustrialization and Brownfields Redevelopment in Michigan.” Amount: \$5,500.
- 2011 Canadian Embassy Canadian Studies Research Grant, “From Critical Density to Eco-Density: Population Density, Household Diversity, and Sustainable Lifestyles in Canadian Cities.” Amount: \$6,900.
- 2011 Louisville Institute, “Sense of Place and Zone of Influence: Geographies of Congregational Life in Minneapolis Churches. Amount: \$24,750
- 2011 William and Marilyn Ryerse Endowment Fund, Sabbatical Research Grant, Amount: \$2,000.
- 2009 Gustavus Adolphus College, Research, Scholarship and Creativity Grant, “Brownfields and Gentrification in Minneapolis’ Zone of Transition.” Amount: \$1,700
- 2008 “Congregations and Religious Diversity in Contemporary America,” Calvin College Seminar in Christian Scholarship, Grand Rapids, MI. Amount: \$2,500
- 2007 Center for Rural Policy Development, “Young Adults in Minnesota: A Geographical Analysis,” Amount: \$1,800
- 2007 University of Minnesota College of Design, Designing the Future: Community Strategies Partnership between Saint Peter, MN and Waseca, MN, (wrote grant as Chair of St. Peter City Planning Commission), Amount: \$2,000
- 2007-8 Evangelical Lutheran Church in America, Minneapolis Synod, “Changing Faces and Spaces of Lutherans in Minneapolis: A Spatial Analysis.” Amount: \$4,100
- 2005 Center for Spatially Integrated Social Science, Course Curriculum Development Grant, Amount: \$1,000.
- 2005 National Science Foundation, Course Curriculum Laboratory Instrumentation Adaptation and Implementation Grant, “Establishing an Interdisciplinary Watershed Research Program at Gustavus Adolphus College. Co-investigator with Dr. Jeff Jeremiason. Amount: \$106,500.
- 2004 U.S.-U.K. Fulbright Commission, Cardiff University Fulbright Scholar, September 2004-June 2005. Amount: £12,500 GBP.
- 2004-6 Gustavus Adolphus College, Service Learning Course Implementation Grant. Amount: \$1,000
- 2003 Gustavus Adolphus College, Research, Scholarship and Creativity Grant, “Christian Environmentalism With/Out Boundaries.” Amount: \$1,700
- 2002 Environmental Studies Student-Faculty Collaborative Research Grant, “How Green is Smart Growth,” Amount: \$16,000

- 2002 Council of Christian Colleges and Universities Networking Grant, “Christian Environmentalism.” Co-Investigator with Susan Bratton, Jan Curry, Steve Bouma-Prediger, and John Wood. Amount: \$15,000
- 2001 Fulbright Commission, German Studies Seminar: Urban Planning in Germany, Amount: ~ \$5,000
- 1999 Gustavus Adolphus College, Research, Scholarship and Creativity Grant. “Post-Tornado Recovery in St. Peter, MN,” Amount: \$1,700
- 1997-8 University of Minnesota, Doctoral Dissertation Fellowship, Amount: \$11,500
- 1996-7 University of Minnesota, CURA/Borchert Fellowship, Amount: \$9,000
- 1996 University of Minnesota, Geography Department Summer Research Fellowship
- 1993 Project Engineer for Superior Plating Groundwater Remediation - Voted One of Eight Engineering Wonders of the Year by the Minnesota Society of Professional Engineers
- 1992-3 Regent College Tuition Scholarship
- 1987 Pacific Northwest Water Pollution Control Federation, Graduate Student Paper Contest, 2nd Place
- 1986-7 University of Washington, Valle Graduate Scholarship, Amount: \$16,500

Related Experience

- 2003 Brownfields Policy Expert in Residence, Brantford, Ontario
Consulted with city on brownfields revitalization plans.
- 1999 Independent Environmental Consultant
Client: North Jackson Company, Negaunee, Michigan
- 1997 University of Minnesota, Center for Transportation Studies
Researcher, Urban and Regional Dynamics Project
- 1997 Freelance Cartographer, Monograph: *Rural Managed Care: Patterns and Prospects*, Institute for Health Service Research, University of Minnesota
- 1995-96 University-Minnesota, Center for Urban and Regional Affairs
Researcher, Reuse of the Twin City Army Ammunition Plant
- 1993-94 Environmental Engineering Project Manager
Golder Associates Ltd., Vancouver, B.C.
- 1988-92 Environmental Engineer
Barr Engineering Company, Bloomington, MN

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| 1988 | Environmental Engineer Gray and Osborne, Inc., Seattle, Washington |
| 1985 | Engineering Soils Technician Twin City Testing Company, St. Paul, MN |
| 1984 | Civil Engineering Technician Minnesota Department of Transportation, St. Paul, MN |
| 1982-84 | Physics and Calculus Tutor University of Minnesota, Institute of Technology, Minneapolis, MN |

Geography Honors Theses Supervised

Matt Bye (2013) "Parishes Without Boundaries."

Samantha Rother, (2011) "Clusters and Mergers in the Spatial Organization of the Roman Catholic Church."

Drew Ingvalson, (2011) "The Impact of Ethnicity and Socioeconomic Status on MCAII Test Scores."

Aubrey Austin, (2011) "The 'Curb Appeal' of the Hiawatha Light Rail Line: Marketing, Awareness, and Perceptions of Public Transit."

Eric Fitzsimmons, (2010) "Geographic Hot Spots for Business Location: An Analysis of the Minneapolis-St. Paul Metropolitan Region."

Eric Cronin, (2010) "A Spatial Interaction Model of the College Search Process."

Whitney Westley, (2010) "Supply and Demand Factors in Gentrification of the North Loop of Minneapolis, Minnesota."

Emily Kendall, (2010) "Many Tales of a Single City: Different Perspectives on the Downtown Area of Chaska, Minnesota."

Andrew Byron, (2010) "Hydrologic and Meteorologic Reconstruction of the 1965 Flood in Mankato, Minnesota."

Matthew Horton, (2009) "Geodemographic Analysis of Three Regional Shopping Malls in the Western Suburbs of Minneapolis."

Angela Magnusson, (2009) "Cultivating a Sense of Place: Community Gardens and the Role of Civic Agriculture in Refugee Resettlement."

Alye Bohn, (2009) "Bassett Creek: Perceptions of an Urban Stream."

Jill Fagerstrom, (2009) "Not Without a Trace: The Fate of Rural Churches in Nicollet County, Minnesota."

Anne Bortscheller, (2008) "Geography Education in the United States."

Bradley Utecht, (2008) "Spatial Dynamics of Church Members: The Changing Faces and Spaces of Lutheranism in the Minneapolis Synod."

Kurt Wayne, (2007) "The Identity and Function of a Small Town: Ottawa, Minnesota."

Amanda Varley, (2007) "The Geography of Coffee: The Global and the Local."

Caroline Rew, (2007) "Food Cooperatives in Minnesota."

Hattie Carvalho, (2006) "Nicollet Meadows: A New Urbanist Small Town Innovation."

Amanda Peterson, (2003) "White Flight in Minneapolis-St. Paul, 1990-2000."

Alison Doppelhammer, (2003) "Teardowns and McMansions on Lake Minnetonka."

Heather Brandon, (2001) "Upscaling the North Woods: Rural Gentrification in Cook County, Minnesota"

Professional Development

- 2011 "Spatial Regression Modeling," Penn State University Population Research Institute, State College, PA
- 2008 "Congregations and Religious Diversity in Contemporary America," Calvin College Seminar in Christian Scholarship, Grand Rapids, MI.
- 2005 Computers in Urban Planning and Urban Management Conference, University College London.
- 2004 "Spatial Perspectives for Analysis Curriculum Enhancement," San Diego State University, Center for Spatially Integrated Social Science, San Diego, CA.
- 2003 "Social Justice and Indigenous Rights in Guatemala," Center for Global Education, Augsburg College
- 2002 "Spatial Pattern Analysis in a Geographic Information System Environment," Center for Spatially Integrated Social Science, University of California at Santa Barbara
- 2002 "Digital Orthophotography," Minnesota Geographic Information/Land Information Consortium Workshop

Professional Service

External Promotion Reviewer, Department of Geography, University of Saint Thomas, 2013

- Table Leader, Advanced Placement Human Geography Examination, 2011, 2012, 2014
- Panelist, "Geography, Liberal Arts, and Interdisciplinarity: Strategies for a Shared Space," Association of American Geographers Annual Meeting, Seattle, WA, 2011
- External Department Reviewer, Department of Geography and Environmental Studies, Calvin College, Grand Rapids, MI, 2009
- Reader, Advanced Placement Human Geography Examination, 2009, 2010
- Session Co-Organizer, Annual Meeting of the Association of American Geographers, 2009.
- Conference Organizer, Minnesota Undergraduate Geography Symposium, Gustavus Adolphus College, Saint Peter, 2008
- Service Learning Community Partnership, Olmsted County and City of Rochester, MN Planning Department, "Analysis of Housing Value Changes in Rochester, MN, 1994-2008." Spring 2008
- External Pre-Tenure Candidate Reviewer, Department of Geography, Macalester College, St. Paul, 2006
- Service Learning Community Partnership, USDA Three Rivers Conservation District, "Mapping Community Projects," Spring 2006
- Service Learning Community Partnership, Minnesota Rural Partners, "Online Clickable Map of Rural Development Resources," Spring 2006.
- Mentor, University of Minnesota, Preparing Future Faculty Program, Fall Semester 2005
- External Tenure Candidate Reviewer, Department of Geography, University of St. Thomas, St. Paul, 2005
- Session Organizer and Chair, Geographic Perspectives on Brownfield Sites, March 16, 2004, Annual Meeting of the Association of American Geographers, Philadelphia, PA
- Session Organizer, Minnesota Academy of Sciences Geography Symposium, April 26, 2003, Saint Paul, MN
- Session Organizer: "Geography in the Liberal Arts College: Negotiating the Special Challenges and Opportunities." 2003, Annual Meeting of the Association of American Geographers, New Orleans, LA.
- Conference Organizer: "Geography and the Private Liberal Arts College," August 24, 2001, St. Peter, MN, funded by a Bush Foundation Teaching and Learning Grant.
- Session Organizer, "Geographical Perspectives on Brownfield Redevelopment," sponsored by the AAG urban geography specialty group, February 28, 2001, Annual Meeting of the Association of American Geographers.

Referee for:

National Science Foundation CCLI Grant No. 9950628 to University of St. Thomas
Christian Scholar's Review,
Environmental Management
Environment and Planning A: Society and Space
Environment and Planning B: Planning and Design
Environmental Politics
Geographical Review
Journal of Environmental Planning and Policy
Journal of Geography
Landscape and Urban Planning
Perspectives on Science and Christian Faith
Social Science Research
Water International
Environmental Politics
Moravian Geographical Reports

Gustavus Adolphus College Service:

Geography Department Chair (2001-2004, 2005-2013)
chaired two tenure-track searches
chaired eight replacement/adjunct searches
authored department self study (2006)
coordinated department external review (2007)
managed department strategic planning (2009)
led remodeling of GIS lab, department offices and commons
managed department budget, course approvals, assessment
mentored and evaluated tenure-track and visiting faculty

Academic Operations Committee (2008-2011)
Chair (2010-2011)
Secretary (2009-2010)

Interim Term Advisory Committee (2010-2011)

Commencement Planning Committee (2010-2011)

Benefits Committee (2009-11)

Academic Petitions Committee (2009-2010)

Nobel Conference Chair (2009) H2O: Uncertain Resource, speakers included Nobel prize winning Dr. R. J. Pachauri, chair of the Intergovernmental Panel on Climate Change, Peter Gleick, Asit Biswas, Nancy Rabalais, Will Graf, and David Sedlak.

External Member of Tenure-Track Search Committees, Departments of Economics and Management (2009) and Geology (2007)

Campus Director for Civic Engagement Assessment: "Measuring Intellectual Development and Civic Engagement Through Value-Added Assessment at Six Midwestern, Private Liberal

Arts Colleges (Alma, Augustana, Gustavus Adolphus, Illinois Wesleyan, Luther, and Wittenberg),” Funder: Teagle Foundation (2006-2008)

Prepare Ministries, Faculty Advisor (2007-2011)

New Faculty Mentor (2007-2008)

Scholarship Days Interviewer (2007-2011)

External Evaluator for pre-tenure faculty reviews in Chemistry, Geology, and Biology

Nobel Hall of Science, Space Needs Assessment Team (2005-2006)

Lilly Fellows Program Campus Coordinator (2005-2008)

Session Organizer, “One Earth, Many Worlds,” Presidential Inauguration Symposium (2004)

Gamma Theta Upsilon Geography Honor Society, Faculty Advisor (2002-present)

Geography Club, Faculty Advisor (2002-2004)

Faculty Development Committee (2000-2001)

Lilly Endowment Grant Planning Committee, “Theological Exploration of Vocation.” (1998-1999) Amount Awarded: \$1.96 million

Campus Beautification Committee (1999)

Environmental Studies Advisory Committee (1998-present)

Pre-Architecture Faculty Advisor (1998-present)

Community Service

Mentor, MRCI Refugee Resettlement Services, refugee mentoring program, Mankato, MN, (2011)

Board Member, PACT Ministries (charity food distribution and thrift store), Mankato, MN, (2007-2010)

Member, Board of Zoning and Appeals, City of St. Peter, MN (2007)

Member, Project Advisory Committee, U.S. Highway 169 in St. Peter, MN Preliminary Highway and Landscape Design, (2006)

Chair, City Planning Commission, Saint Peter, MN, (2002-2007)

Member, Historic Preservation Commission, Saint Peter, MN, (2000-2002)

Board Member, Neighborhood Transportation Network, Minneapolis, (1990-91)

Geographic Information Systems, Computer Cartography, and Statistics Software Skills

ArcGIS 10—ArcInfo, MapInfo, Idrisi, Orthomapper, Adobe Illustrator, Adobe Photoshop, Google SketchUp, SPSS, R-Statistical Computing Package

Memberships and Professional Registration

Association of American Geographers
Urban Geography Specialty Group
Rural Geography Specialty Group
Water Resources Specialty Group
Geography of Religion and Belief Systems Specialty Group

Minnesota Geographic Information Systems/Land Information Systems Consortium

Professional Engineer (Civil Engineering), State of Washington, No. 28990 (inactive)

References

Dr. Janel Curry, Provost, Gordon College

Dr. Eric Eliason, Provost, Concordia College, Moorhead, MN

Dr. Jeff Jeremiason, Chair, Environmental Studies, Gustavus Adolphus College

Dr. Daniel Montello, Professor of Geography, University of California-Santa Barbara

Dr. John S. Adams, Emeritus Professor of Geography, University of Minnesota

Dr. Arthur Getis, Emeritus Professor of Geography, San Diego State University