

CURRICULUM VITAE

Joseph William Nicholas
Associate Professor of Geography

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EDUCATION:

University of Georgia, Athens
Degree: Doctor of Philosophy in Geography
Dissertation: "Rock glaciers and the Holocene paleoclimatic record of the La Sal Mountains, Utah."

University of North Dakota, Grand Forks
Degree: Master of Science in Geography, Minor in Biology - 1987
Thesis: "Effects of area and isolation on plant species diversity of native prairie remnants."

Bemidji State University, Bemidji, Minnesota
Degree: Bachelor of Arts in Geography and Biology, Minor in Earth Science. *Summa Cum Laude* -
1984

Iowa Lakes Community College, Estherville, Iowa
Degree: Associate of Arts in Math/Science - 1979

PROFESSIONAL MEMBERSHIPS:

Geological Society of America
Quaternary Geology and Geomorphology Division, Geological Society of America
Southeastern Division of the Association of American Geographers

ACADEMIC APPOINTMENTS:

Chair, Department of Geography, University of Mary Washington, Fredericksburg, Virginia, July 1999–June 2005

Associate Professor, Department of Geography, University of Mary Washington, Fredericksburg, Virginia, August 1997–present.

Assistant Professor, Department of Geography, Mary Washington College, Fredericksburg, Virginia, August 1991–1997.

Instructor (Graduate Teaching Assistant), Department of Geography, University of Georgia, Athens, Georgia, 1988–1989.

Graduate Research Assistant, Department of Geography, University of Georgia, Athens, Georgia, 1987–1988, 1989–1991.

Graduate Teaching Assistant, Department of Geography, University of North Dakota, Grand Forks, North Dakota, 1985–1987.

TEACHING EXPERIENCE:

Seminar: Foundations of Physical Geography (GEOG 490Q), F2010, F2012, F2014, F2016

Glacial Processes and Landscapes (GEOG 326), Sp2010, Sp2013, Sp2015, Sp2017

Dynamic Climatology (GEOG 325), Sp2009, Sp2012, Sp2014, Sp2016

Climate Change (GEOG 327), Sp2008, F2009, F2011, F2013, F2015

Seminar: Climate Change (GEOG 490J), F2006

Seminar: Alpine Environments (GEOG 490F), Sp2005, F2008

Introduction to Weather and Climate (GEOG 110 (formerly GEOG 210A)), Lecture and Lab, University of Mary Washington, F2003-present

Landform Processes (GEOG 111 (formerly GEOG 211A)), Lecture and Lab, University of Mary Washington, Sp2004-present

Introduction to Climatology (GEOG 210), Lecture and Lab, Mary Washington College 1999-F2002

Introduction to Landforms (GEOG 211), Lecture and Lab, Mary Washington College 2000-Sp2003

Human Environment (GEOG 275, GEOG 310), Lecture, Mary Washington College, 1991–2004

Physical Geography (GEOG 202), Lecture, Mary Washington College, 1991–1999

Geomorphology (GEOG 370), Lecture, Mary Washington College, 1992–1999

Weather and Climate (GEOG 375), Lecture, Mary Washington College, 1991–1998

Introduction to Landforms, Lab Instructor, Department of Geography, University of Georgia, 1990

Physical Geography, Lecture, Department of Geography, University of Georgia, 1989

Weather and Climate, Lab Instructor, Department of Geography, University of Georgia, 1988

Physical Geography, Lab Instructor, Department of Geography, University of North Dakota, 1985–1987

Physical Geography, Lab Instructor, Grand Forks Air Force Base, Strategic Air Command, 1986

HONORS AND AWARDS:

Academic Affairs Council “Professor Appreciation Award” for Geography, 2003, 2005
 Faculty Development Grants, Mary Washington College, 1991, 1992, 1993
 Outstanding Graduate Student Paper, Georgia Academy of Science, 1991
 University-wide Graduate Assistantship, University of Georgia, 1987-88, 1989-90, 1990-91
 Bachelor of Arts, *summa cum laude*, 1984
 Certificate of Merit in Biology, Bemidji State University, 1981, 1984
 Outstanding Senior in Geography, Bemidji State University, 1983
 Gamma Theta Upsilon, 1983

RESEARCH INTERESTS:

Alpine Periglacial Geomorphology
 Climatology

Quaternary Environments
 Biogeography

GRANT PROPOSALS FUNDED:

“Rock glacier impact on stream hydrology in alpine basins: A case study of the La Sal Mountains, Utah.” Undergraduate Research Grant, University of Mary Washington, Summer 2005.
 “Fourth International Conference on GeoComputation.” Department of Defense, U.S. Army Research Office, September 1998.
 “Structure and development of transverse ridges and furrows on the Deep Creek rock glacier, La Sal Mountains, Utah.” Mary Washington College, November 1993.
 “Surveying equipment for research in alpine geomorphology.” Mary Washington College, November 1992.
 “Holocene climatic change in the La Sal Mountains, Utah.” Mary Washington College, November 1991.
 “Land-Island Biogeography: Native Prairie Insularity in Northwestern Minnesota.” The Graduate School of the University of North Dakota, September 1986.

PUBLICATIONS:**Peer-reviewed Journals:**

Geiger, S. T., J. M. Daniels, S. N. Miller, and J. W. Nicholas. 2014. Influence of rock glaciers on stream hydrology in the La Sal Mountains, Utah. *Arctic, Antarctic and Alpine Research* 46(3):645-658.
 Nicholas, J. W. and J. E. Garcia. 1997. Origin of a fossil rock glacier: La Sal Mountains, Utah. *Physical Geography* 18(2):160-175.
 Nicholas, J. W. and D. R. Butler. 1996. Application of relative-age dating techniques on rock glaciers of the La Sal Mountains, Utah: An interpretation of Holocene paleoclimates. *Geografiska Annaler* 78A(1):1-18.

Nicholas, J. W. 1994. Fabric analysis of rock glacier debris mantles, La Sal Mountains, Utah. *Permafrost and Periglacial Processes* 5(1):53-66.

Butler, D. R. and J. W. Nicholas. 1989. Locational and morphometric characteristics of landslide deposits, Canyonlands National Park, Utah. *Geographical Bulletin* 31(2):68-77.

Proceedings:

Nicholas, J. W. 1992. Talus landforms as indicators of climate: Preliminary results of field investigations on rock glaciers. In *Boletín de la Sociedad Geográfica de Lima: Segundo Congreso Internacional de Geografía de las Américas*, 105:479-488.

Reviews:

Nicholas, J. W. 1998. Book review of: Clemings, Russell. 1996. *Mirage: The False Promise of Desert Agriculture*. San Francisco: Sierra Club Books. *Population and Environment* 20(1):84-85.

Nicholas, J. W. and J-C. Thill. 1992. Software review of "SimEarth," by Maxis. *Professional Geographer* 44(1):106-107.

Other:

Nicholas, J. W. (contributor). 1986. *Physical geography: an experimental approach*, J. W. Wyckoff, ed. Grand Forks: Department of Geography, University of North Dakota, pp. 15-22, 49-58.

PAPERS/PRESENTATIONS:

Gallagher, J. and J. W. Nicholas. (2010, Nov.). "Emphasizing 'Science' in a Weather and Climate Laboratory Course." Poster presented at the 65th annual meeting of the Southeastern Division of the Association of American Geographers, Birmingham, AL.

Nicholas, J. W. (2009, Nov.). "Temperature trends relative to rock glaciers in the La Sal Mountains, Utah." Paper presented at the 64th Annual Meeting of the Southeastern Division of the Association of American Geographers, Knoxville, TN.

Gallagher, J. and J. W. Nicholas. (2009, March). "200 years of human intervention: assessing impacts on a fluvial system; Hazel Run, Fredericksburg, VA." Poster presented at the Annual Meeting of the Association of American Geographers, Las Vegas, NV.

Nicholas, J. W., Blacker, J. and Harrison, M. (2009, March). "Modeling the Limit of Discontinuous Permafrost in the La Sal Mountains, Utah, USA." Poster presented at the Annual Meeting of the Association of American Geographers, Las Vegas, NV.

Nicholas, J. W. and Gallagher, J. (2008, Nov.). "Human impacts on a fluvial system: Hazel Run tributaries, Fredericksburg, VA." Poster presented at the 63rd Annual Meeting of the Southeast Division of the Association of American Geographers, Greensboro, NC.

Invited Lecture: "El Niño, La Niña, and Pacific Decadal Oscillation" to MWC ElderStudy, October 15, 2002

- Nicholas, J. W. and J. E. Garcia. (1995, March). "Genesis of an enigmatic rubble lobe, La Sal Mountains, Utah." Poster presented at the Annual Meeting of the Association of American Geographers, Chicago, Illinois.
- Garcia, J. E. and J. W. Nicholas. (1994, April). "Stratigraphic implications of an alluvial fan in Paradox Valley, Colorado." Poster presented at the Annual Meeting of the Association of American Geographers, San Francisco, CA.
- Nicholas, J. W. (1992, April). "Rock glacier flow and development as indicated by surface fabric." Poster presented at the Annual Meeting of the Association of American Geographers, San Diego, California.
- Nicholas, J. W. (1992, January). "Talus landforms as indicators of climate: Preliminary results of field investigations on rock glaciers of the La Sal Mountains, Utah, U.S.A." Paper presented *in absentia* at the Second International Congress of the Americas, Lima, Peru.
- Nicholas, J. W. (1991, April). "Lichenometry in the La Sal Mountains of southeastern Utah." Paper presented at the Sixty-eighth Annual Meeting of the Georgia Academy of Science, Augusta, Georgia.
- Nicholas, J. W. (1991, April). "Rock glaciers and Holocene paleoclimates of the La Sal Mountains, Utah." Paper presented at the Annual Meeting of the Association of American Geographers, Miami, Florida.
- Nicholas, J. W. (1990, April). "Rock Glacier Relative Ages and Fabric Development in the La Sal Mountains, Utah." Poster presented at the Annual Meeting of the Association of American Geographers, Toronto, Ontario.
- Nicholas, J. W. (1990, February). "Age and Activity of Rock Glaciers in the La Sal Mountains." Paper presented at the Fifth Annual Georgia-Florida Conference, Athens, Georgia.
- Nicholas, J. W. and D. R. Butler. (1988, November). "Locational and Morphometric Characteristics of Landslide Deposits, Canyonlands National Park, Utah." Paper presented at the Forty-Third Meeting of the Southeastern Division, Association of American Geographers, Mobile, Alabama.
- Nicholas, J. W. (1988, April). "Effect of Size and Isolation on Vegetational Diversity of Grassland Preserves." Paper presented at the Annual Meeting of Association of American Geographers, Phoenix, Arizona.
- Nicholas, J. W. (1987, April). "The Effect of Area and Isolation on Native Prairie Flora in the Red River Valley." Paper presented at the Sixth Annual Canadian - United States Conference, Bemidji, Minnesota.

PROFESSIONAL FIELD TRIPS AND FIELD EXPERIENCE:

Downloading and maintenance of 22 temperature data loggers and 1 barologger. La Sal Mountains, Utah, July 2016

Reconnaissance for GEOG 326 field trip to NE Pennsylvania: March 1-3, 2016

- Downloading and maintenance of 24 temperature data loggers and 1 barologger. La Sal Mountains, Utah, July 2015. Tour of Uinta and Big Horn Mtns; Glacial Lake Agassiz Spillway.
- Downloading and maintenance of 22 temperature data loggers and 1 barologger. La Sal Mountains, Utah, July 2013
- Downloading and maintenance of 22 temperature data loggers and 1 barologger; collection of one sediment core for pollen analysis. La Sal Mountains, Utah, July 2012
- Downloading and maintenance of 26 temperature data loggers and 1 barologger; collection of sediment cores for pollen analysis. La Sal Mountains, Utah, July 2011. Tour of Henry Mtns, Utah.
- Downloading and maintenance of 26 temperature data loggers, 1 barologger, 3 stream gauge pressure transducers, and 1 data-logging rain gauge; removal of stream gauges and rain gauge. La Sal Mountains, Utah, July 2010
- Reconnaissance for GEOG 326 field trip to NE Pennsylvania and the Finger Lakes region of New York: Jan. 1-3 and Feb. 28 - Mar. 2, 2010
- Downloading and maintenance of 26 temperature data loggers, 1 barologger, 3 stream gauge pressure transducers, and 1 data-logging rain gauge; survey of channel longitudinal- and cross-sections at stream gauges. La Sal Mountains, Utah, July 2009
- Downloading and maintenance of 26 temperature data loggers, 1 barologger, deployment of 3 stream gauges (pressure transducers), and 1 data-logging rain gauge in the La Sal Mountains, Utah, July 2008
- Downloading and maintenance of 27 data loggers and 1 stream gauge in the La Sal Mountains, Utah, July 2007
- Deployment of 12 temperature data loggers and one stream gauge in the La Sal Mountains, Utah, July 2006
- Deployment of stream gauge and maintenance of temperature data loggers in the La Sal Mountains, Utah, June-July 2005
- Deployment of temperature data loggers in the La Sal Mountains, Utah, July 2002-04
- Morphometrics of ridge-and-furrow structures on alpine talus of Mt. Mellenthin, La Sal Mountains, Utah, July 2001
- Investigation of an enigmatic rubble lobe near Harpole Mesa, La Sal Mountains, Utah, July 1994
- Fabric and topography of the Deep Creek rock glacier, La Sal Mountains, Utah, July 1994
- Investigation of an alluvial fan remnant in Paradox Valley, Colorado, May 1993
- Sedimentology of alpine bogs of the La Sal Mountains, Utah, July 1991, July 1992
- Survey and Data Collection of Surficial Characteristics of Holocene Talus Deposits in the La Sal Mountains, Utah, July-August, 1988; June-August, 1989; July 1990
- Plant Species Abundance Survey on Northwestern Minnesota Native Prairies, Summer 1986

SERVICE ACTIVITIES:

A. Service to the Geography Department

Assistant team coach for students competing in the Geography Bowl competition, representing the Commonwealth of Virginia at the Meeting of the Southeast Division of the Association of American Geographers:

70th Annual Meeting, Nov. 18-22, 2016, Pensacola, FL

69th Annual Meeting, Nov. 21-25, 2014, Athens, GA

68th Annual Meeting, Nov. 23-26, 2013, Roanoke, VA

67th Annual Meeting, Nov. 17-20, 2012, Asheville, NC

66th Annual Meeting, Nov. 18-22, 2011, Savannah, GA

65th Annual Meeting, Nov. 19-24, 2010, Birmingham, AL

64th Annual Meeting, Nov. 20-24, 2009, Knoxville, TN

Team coach (along with Jacqueline Gallagher), 63rd Annual Meeting, Nov. 22-25, 2008, Greensboro, NC

62nd Annual Meeting, Nov. 16-20, 2007, Charleston, SC

61st Annual Meeting, Nov. 18-21, 2006, Morgantown, WV

60th Annual Meeting, Nov. 18-22, 2005, West Palm Beach, FL

59th Annual Meeting, Nov. 19-23, 2004, Biloxi, MS

Outcomes Assessment Co-Coordinator (along with Donald Rallis), 2008-09

Career Advisor, 2005-2009

Member, Search Committee to hire full-time tenure-track assistant professor in Physical Geography, Fall 2005.

Team coach for students competing in the Geography Bowl competition, representing the Commonwealth of Virginia at the Meeting of the Southeast Division of the Association of American Geographers (SEDAAG):

58th Annual Meeting, Nov. 23-25, 2003, Charlotte, NC

57th Annual Meeting, Nov. 24-26, 2002, Richmond, VA

56th Annual Meeting, Nov. 18-20, 2001, Lexington, KY

55th Annual Meeting, Nov. 19-21, 2000, Chapel Hill, NC

54th Annual Meeting, Nov. 21-23, 1999, Tampa, FL

53rd Annual Meeting, Nov. 22-24, 1998, Memphis, TN

52nd Annual Meeting, Nov. 23-24, 1997, Birmingham, AL

51st Annual Meeting, Nov. 24-25, 1996, Athens, GA

Chair, Search Committee to hire full-time tenure track assistant professor in Physical Geography, 2004-05.

Chair, Search Committee to hire full-time tenure track assistant professor in Human Geography, 2003-04.

Chair, Search Committee to hire full-time visiting assistant professor, 2002-03

Chair, Search Committee to hire full-time tenure-track assistant professor, 2000-01

Invited and hosted speaker for Geography Department, Jan. 27, 1999: Judy Ehlen, U.S. Army Engineer Research and Development Center. "Effective Use of Terrain: The Battle of Fredericksburg, December 1862."

Invited and hosted speaker for Geography Department, Jan. 27, 1998: Charles Konrad, Assistant Professor of Geography at University of North Carolina at Chapel Hill. "Patterns of Heavy Rainfall in Space and Time."

Invited and hosted speaker for Geography Department, February 1995: Paul A. Knapp, Assistant Professor of Geography, Georgia State University. "CO₂ enrichment and vegetation change: An example from central Oregon."

Field trip leader, Physical geography of Virginia's Northern Neck. October 29, 1994.

Invited and hosted speaker for Geography Department, October 1994: David R. Butler, Associate Professor of Geography, University of North Carolina at Chapel Hill. "Beavers as Zoogeomorphic Agents of Landscape Change in an Alpine Environment, Glacier National Park, Montana."

Field trip leader, Urban and physical geography of northern Virginia. September 25, 1993.

B. Service to the Institution

Member, College of Education Tenure and Promotion Committee (F2014-Sp2017)

Honor Council, Faculty Advisor (July 2005-June 2017)

Faculty Marshal (2004-present)

Chair, Writing Intensive Committee (2012-2013)

Writing Intensive Committee (UFC), Member (2011-2013)

Member, College of Business Search Committee (Sp2013)

Member, Council on Commencement and Convocations (Jan. 2011-June 2013)

Member, committee assembled to assess Natural Science requirement of the General Education Curriculum (2010-2013)

Member, Search Committee to hire Director of UMW Counseling and Psychological Services (Sp2010)

Faculty Development and Grants Committee, Member (2007-2009)

Alvey Scholarship Selection Committee, Chair (Sp2007)

Honor Constitution Review Committee, Member (2005-2006)

Faculty Affairs Committee, Member (2002-2005), Secretary (2002-2003), Chair (Sp2005)

President's Advisory Committee on the Move to University Status, Member (2003-2004)

College Committee on Enrollment and Retention, Member (2003-2004)

Steering Committee for SACS Institutional Self-Study, Member (2000-2003)

University Relations and Development Committee for SACS Institutional Self-Study, Chair (2000-2003)

Student Conduct Hearing Board, Member (2000-2002)

Washington Scholars Awards Committee (2000, 2001, 2002)

Alumni Awards Committee, Chair (1999, 2000, 2001, 2002)

Alumni Association Board of Directors, Faculty Representative (1998-2000, 2000-2002)

Faculty Development and Grants Committee, Member (1998–1999)
College Planning Committee, Member (1997–2000)
Environmental Awareness Across-the-Curriculum Committee, Member (1996–2001)
Committee on Bachelor of Liberal Studies, Secretary (1992–1993), Member (1993–1995)
Writing Intensive Committee, Member (1992–1995)
Writing Intensive Program Student Writing Contest Judge (1993, 1994)
Mary Washington College Showcase, Department Representative (1992, 1993, 1994, 2001)

C. Professional Service

Program Committee, Member, Southeast Division of the Association of American Geographers, 2013, 2014.
Resolutions Committee, Chair, Southeast Division of the Association of American Geographers, 2011–2012.
Program Committee, Member, Southeast Division of the Association of American Geographers, 2008, 2009.
Paper Discussant, “Eastern hemlock regeneration at its southern boundary” by Justin Hart, Fifty-eighth annual meeting of the Southeast Division of the Association of American Geographers, Nov. 25, 2003, Charlotte, NC.
Resolutions Committee, Chair, Southeast Division of the Association of American Geographers, 2002–2004.
Finance Committee, Association of American Geographers, Member, 2002–2005.
Article referee for Geomorphology, February 2002.
Paper Discussant, “Effects of population growth on stream flow in two southern California Watersheds” by Viva Nordberg, Fifty-sixth annual meeting of the Southeast Division of the Association of American Geographers, Nov. 19, 2001, Lexington, KY.
Article referee for Journal of Geography, March 2001
Paper Discussant, “Post-drought growth responses of western juniper (*Juniperus occidentalis* var. *occidentalis*) in central Oregon” by Paul Knapp et al. Fifty-fifth annual meeting of the Southeast Division of the Association of American Geographers, Nov. 20, 2000, Chapel Hill, NC.
Textbook Manuscript reviewer for John Wiley & Sons: Stanley Gedzelman, The Dynamic Atmosphere, May 2000.
Article referee for Physical Geography, May 2000.
Paper Discussant, “Channel narrowing and sediment recycling in a Coastal Plain agricultural drainage basin, North Carolina” by Mark Lange and Scott Lecce. Fifty-fourth annual meeting of the Southeast Division of the Association of American Geographers, Nov. 22, 1999, Tampa, FL.
Program Committee, Member, Southeast Division of the Association of American Geographers, 1999.
Fourth International Conference on GeoComputation, Grant Administrator, September 1998–May 2000, Mary Washington College.

- Local Arrangements for the Fourth International Conference on GeoComputation, Chair, November 1997–August 1999, Mary Washington College.
- Fourth International Conference on GeoComputation, Program Committee, November 1998–July 1999, Mary Washington College.
- Fourth International Conference on GeoComputation, Session Chair, July 26, 1999, Mary Washington College.
- Article referee for The Professional Geographer. February 1999.
- Editorial Committee of the Southeastern Geographer, 1996–1999.
- Paper Discussant, “Testing the feasibility of soil pollen analysis in the tropics” by John C. Rodgers III and Sally P. Horn. Fifty-first annual meeting of the Southeast Division of the Association of American Geographers, Nov. 25, 1996, Athens, GA.
- Article Referee for the journal, Geomorphology, June 1996.
- National Science Foundation grant proposal reviewer, 1996.
- Program Committee member of the Southeast Division of the Association of American Geographers, 1995-97.
- Article Referee for The Professional Geographer. December 1994.
- Paper Discussant, “The geomorphic impact of mountain goats migrating to and from a natural salt lick” by David R. Butler. Forty-eighth annual meeting of the Southeast Division of the Association of American Geographers, Nov. 22, 1993, Greensboro, NC.
- Article Reviewer for the journal, Physical Geography. October 1993.
- Paper Discussant, “Discharge response to channelization of a Coastal Plain stream” by David Shankman and Thomas Bryan Pugh. Forty-seventh annual meeting of the Southeast Division of the Association of American Geographers, Nov. 24, 1992, Louisville, KY.
- Paper Discussant, “The second oldest river in the world” by John T. Morgan and Michael W. Mayfield. Forty-seventh annual meeting of the Southeast Division of the Association of American Geographers, Nov. 24, 1992, Louisville, KY.
- 4th Annual Florida-Georgia Geography Conference, Session Chair, February 17-19, 1989, Gainesville, Florida.

Associate Professor in Geographical Information Systems. Emeritus Professor in Physical Geography. Edward Milton. Emeritus Professor of Remote Sensing. Steven Pinch. Emeritus Professor of Human Geography. Dionysia Lambiri. Visiting Research Fellow. Sentence examples for associate professor of geography from inspiring English sources. results17exact43similar14related. RELATED. associate professor of soil. associate professor of landscape. associate professor of turf. On the campus, Scott Carlin, an associate professor of geography and environmental studies, said he was organizing a forum at which faculty and staff members could express views and "figure out what, if anything, is possible". The New York Times. 5. "I don't think you can say that a person in Lincoln Park will hold off buying a home because things are not going well in Pullman," said Winifred Curran, an associate professor of geography at De Paul University who has studied the foreclosure problems in Chicago. The New York Times. 6.