

Jacqueline Gallagher

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Professional Experiences

August 2014 – present

Chair, Department of Geography, University of Mary Washington

2012-13 Interim chair, Department of Geography, University of Mary Washington

August 2010 – present

Associate Professor, Department of Geography, University of Mary Washington

August 2006-July 2010

Assistant Professor, Department of Geography, University of Mary Washington

August 2003 to June 2006

Instructor, Department of Geosciences, Florida Atlantic University

August 1997 to July 2003

Assistant Professor, Department of Geography & Geology, Florida Atlantic University

Summer 1995, Spring & Summer 1996

Adjunct Professor, Department of Geography, University of California, Los Angeles

January 1994 to January 1997

Adjunct Professor, Department of Geography, California State University, Northridge

Education

Ph.D. 1996: Department of Geography, University of California, Los Angeles. Dissertation: *Late Holocene evolution of the Chorro delta, Morro Bay, California.*

M.Sc. 1989: Department of Geography, Memorial University of Newfoundland. Thesis: *The Quaternary geomorphology and glacial history of inner Nachvak Fiord, northern Labrador.*

B.Sc. 1985: Department of Geography, University of Wales, College of Swansea. Major: Quaternary Studies, Minor: Pedology. Honours dissertation: *Rates of deposition and origin of moraines at Böverbreen, southern Norway, in the last 250 years.*

Grants and Awards

Spring 2016: Supplemental Faculty Development Funds, Mary Washington

Spring 2015: Supplemental Faculty Development Funds, Mary Washington

Spring 2012: CESU Cooperative Agreement: Assessment of Inputs Leading to Water Quantity Issues in a small watershed near Potomac, Maryland; with B. Rizzo, M. Bass and A. Griffith. \$18,000 contract.

Spring 2012: Supplemental Faculty Development Funds, Mary Washington

Summer 2011: Faculty Research Grant, Mary Washington

Spring 2011: George Washington Regional Commission contract to classify City of Fredericksburg land parcels by economic function; with S. P. Hanna. \$2,500 contract.
Spring 2010: Supplemental Faculty Development Funds, Mary Washington
Spring 2009: Supplemental Faculty Development Funds, Mary Washington
Spring 2008: Supplemental Faculty Development Funds, Mary Washington
March 2002: CESI Landscape Patterns Program; with J.C. Volin (FAU), T.J. Givnish (U Wisconsin-Madison), P.H. Glaser (U. Minnesota). *Landscape Model of Ridge and Slough Topography: Integration of Hydrology and Biological Processes*. Approximately \$800,000 awarded over 3 years.
December 2000: Seminole Tribe of Florida; with J. Volin (FAU). *Hydrologic monitoring of wetlands of the Big Cypress Seminole Indian Reservation*. \$30,000 awarded.
January 2000: FAU Research Initiative Award. *High stage indicators around Lake Okeechobee: their origin, age and significance*; \$4,723.00 awarded.

Refereed Publications

Herbert, S., G. Myers & J. Gallagher, 2005. Ethnography and Fieldwork in Noel Castree, Ali Rogers and Douglas Sherman (editors) **Questioning Geography**. Blackwell.
Gallagher, J., 1986. Moraine ridge deposition on Böverbreen glacial foreland. *Swansea Geographer*, Vol. 22, pp. 61-73.

Selected Conference Papers

Lott, M.S. and J. Gallagher 2018. Opening a Preserve to the Public: Challenges at Crow's Nest Natural Area Preserve, Stafford County, VA. 14th Annual Conference of the International Association for the Study of Environment, Space and Place, Fredericksburg, VA.
Gallagher, J., J. W. Nicholas, and B. Kern 2017. Sub-surface conduit flow in a coastal plain watershed. 72nd Annual Meeting, South Eastern Division of the Association of American Geographers, Starkville, MS.
Gallagher, J. 2017. The Tours of James Monroe, 1817-1819. Abstracts, 113th Annual Meeting, Boston, MA. Washington D.C.: Association of American Geographers.
Gallagher, J. 2015. Past, Present & Future of the geodetic datum: a look at the development of accurate positioning. *Abstracts*, 111th Annual Meeting, Chicago, IL. Washington D.C.: Association of American Geographers.
Gallagher, J. 2012. Fluvial changes in a small urban watershed: Fredericksburg, VA. *Abstracts*, 108th Annual Meeting, New York, NY. Washington D.C.: Association of American Geographers.
Gallagher, J. 2011. Understanding Advances in the Global Positioning System. Sixty-sixth Annual Meeting, South Eastern Division of the Association of American Geographers, Savannah, GA.
Gallagher, J. and J. W. Nicholas, 2010. Emphasizing 'science' in a weather and climate laboratory course. Sixty-fifth Annual Meeting, South Eastern Division of the Association of American Geographers, Birmingham, AL.

- Gallagher, J. 2010. Blog experiences in a hazardous semester. UMW Faculty Academy on Teaching and Learning Technologies 2010, Stafford, VA.
- Gallagher, J. 2010. Fieldwork using GPS and mobile GIS: practical considerations. *Abstracts*, 106th Annual Meeting, Washington D.C. Washington D.C.: Association of American Geographers.
- Gallagher, J. 2009 What's the Story? An exploration of the evolution of Lake Okeechobee, Florida. Sixty-fourth Annual Meeting, South Eastern Division of the Association of American Geographers, Knoxville, TN.
- Gallagher, J. and J. W. Nicholas, 2009. 200 years of human intervention: assessing impacts on a fluvial system; Hazel Run, Fredericksburg, VA. *Abstracts*, 105th Annual Meeting, Las Vegas, NV. Washington D.C.: Association of American Geographers.
- Gallagher, J. and J. W. Nicholas, 2008. Human Impacts on a Fluvial System: Hazel Run Tributaries, Fredericksburg, VA. Sixty-third Annual Meeting, South Eastern Division of the Association of American Geographers, Greensboro, NC.
- Gallagher, J. 2008. Development of Mobile GIS exercises for a field methods program in geography. *Abstracts*, 104th Annual Meeting, Boston, MA. Washington D.C.: Association of American Geographers.
- Gallagher, J. 2007. Teaching mobile GIS and GPS in an undergraduate geography program. Sixty-second Annual Meeting, South Eastern Division of the Association of American Geographers, Charleston, SC.
- Gallagher, J. 2005. Slough & Cypress Dome sedimentation patterns, Big Cypress Seminole Indian Reservation, Florida. *Abstracts*, 101st Annual Meeting, Denver, CO. Washington D.C.: Association of American Geographers.
- Gallagher, J and J. Pinneo, 2003. Plant Colonization on a Newly Restored Floodplain of the Kissimmee River, Florida. *Abstracts*, 99th Annual Meeting, New Orleans, LA. Washington D.C.: Association of American Geographers.
- Gallagher, J. 2001. Living on Lake Okeechobee: historical accounts of shoreline geomorphology. *Abstracts*, 97th Annual Meeting, New York, NY. Washington D.C.: Association of American Geographers.
- Gallagher, J and Restrepo-Coupe, N., 2001. Interdisciplinary Amazon Basin Jigsaw Exercise: Why does the Amazon basin exhibit such high biodiversity? *Abstracts*, Annual Meeting, South Eastern Section of the Geological Association of America, Raleigh, NC.
- Gallagher, J., 2000. Avoiding floods in an almost flat landscape: cultural uses of geomorphic features in central-southern Florida. *Abstracts*, 96th Annual Meeting, Pittsburgh, PA. Washington D.C.: Association of American Geographers.
- Badiali, M and J. Gallagher, 2000. Sedimentary characteristics of Sugar Ridge and their implications for sediment transport in Lake Okeechobee, Florida. *Abstracts*, Annual Meeting, Reno, Nevada. Boulder, CO: Geological Society of America, Vol. 32(7) # 50572.

- Winchell, M. and J. Gallagher, 2000. Monitoring geomorphic and hydrologic changes during the restoration of the Kissimmee River, Florida. *Abstracts*, Annual Meeting, Reno, Nevada. Boulder, CO: Geological Society of America, Vol. 32(7) # 50171.
- Gallagher, J., R. W. Todd and A. Fradkin, 1999. Identification of prehistoric shorelines around Lake Okeechobee, Florida, and their implications. *Abstracts*, Annual Meeting, Denver, Colorado. Boulder, CO: Geological Society of America, Vol. 31(7) #51731
- Gallagher, J., 1996. New evidence for relative sea-level rise along the Pacific Coast. *Abstracts*, 92nd Annual Meeting, Charlotte, North Carolina. Washington D.C.: Association of American Geographers, p.95.
- Gallagher, J., R. L. Ford and A. R. Orme, 1996. Prehistoric and historic sedimentation rates in Morro Bay, south-central California. *Abstracts*, Southern California before 1900: Landscape, Climate and Ecology: Southern California Environment and History Conference, Northridge, California, p. 9.

Masters Capstones Advised

Chaddock, C. E. MSGA 2016: Study of Night-time Lights, Continental US, 2003-2013

Graduate Theses Advised

- Badiali, M.J., MS Geology 2000: Sedimentary Characteristics of Sugar Ridge and their implications for Sediment Transport in Lake Okeechobee, Florida
- Pinneo, J. R., MS Environmental Science 2001: Plant Colonization on a Newly Restored Floodplain of the Kissimmee River, Florida.
- Day, I.M., MS Environmental Science 2006: Baseline Study of Tree Island Vegetation, Grassy Waters Preserve, Florida.
- Yustin, M. MS Environmental Science 2006: Environmental Impacts of Human Encroachment, Grassy Waters Preserve, Florida.

Research and Field Experience

- Crow's Nest Natural Area Preserve, Stafford County, VA, 2013-present
- Hazel Run, Fredericksburg, VA, 2008-2012
- Big Cypress Seminole Indian Reservation, FL, 2003-2004
- Kissimmee River restoration project, 1999-2001
- Lake Okeechobee shorelines, FL, 1998-2001
- Morro Bay wetlands, CA, 1990-1995
- Nachvak Fiord, Labrador, Canada, Summer 1986
- Jotunheimen Mountains, Norway, Summer 1984

Courses Taught

- Weather & Climate with Lab
- Landform Processes with Lab
- Biogeography
- Natural Hazards
- Mobile GIS & GPS with Lab (using ESRI's ArcGIS products)
- GIS and Automated Cartography

First Year Seminar: Water Resources

Service at the University of Mary Washington

Vice-Chair, University Faculty Council, 2017-18

UFC representative on University Curriculum Committee, 2017-18

Bachelor of Liberal Studies Committee, (2015-2018; secretary 2017-18)

Strategic Resource Allocation Support Task Force co-chair (2013-2014)

President's Council on Sustainability (2009-2012)

First Year Advisor (2007-09; 2010-2011)

Strategic Planning Discussion Group: Sustainability (Spring 2009)

Academic Affairs Committee (2008-2010)

Environmental Awareness Committee (2007-2008)

Membership and Service in Professional Organizations

Association of American Geographers

South Eastern Division of the Association of American Geographers (Program Committee, 2007-2009; Florida State Representative, 1999-2001; Chair, Teller's Committee, 2009-2012)

National Association of Geoscience Teachers

Virginia Geographic Alliance