Norman Gervais

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EDUCATION

University at Albany, State University of New York

Ph.D. Information Science	May 2018
Primary Specialization: Geographic Information Science (GIS)	
Graduate Certificate GIS and Spatial Analyst	May 2011
M.A. Geography	December 2010
Specialization: GIS	

College at Brockport, State University of New York

B.S. Environmental Science and Biology	May 2007
Concentration: Terrestrial Ecology	

Hudson Valley Community College

A.A. Liberal Arts & Sci-Hum & SSci	May 2005

ACADEMIC APPOINTMENTS

University at Albany, State University of New York, College of Emergency Preparedness, Homeland Security and Cybersecurity

(PREVIOUSLY IN COLLEGE OF COMPUTING AND INFORMATION AND THEN COLLEGE OF ENGINEERING AND APPLIED SCIENCES UNDER SAME APPOINTMENT)

Full Time Lecturer 2	September 2023-Present
Full Time Lecturer 1 (Professor of Practice/Evergreen)	September 2015 – Aug 2023

- Taught over 60 course sections
- Serve on and chair various committees
- Graduate director for the Dept. of Information Sciences and Technology (Fall 23-present)
- Undergraduate director for the Dept. of Information Sciences and Technology (Fall 22-Spring 23)
- Advise Master's (MSIS) degree students and supervise student projects and internships

University at Albany, State University of New York, Department of Informatics

Visiting Lecturer (10 month)	Fall 2014-Spring 2015

- 7 course load per year
- Participated in regular faculty meetings, brown bag talks, and departmental events

Instructor of Record (Under Teaching Assistantship)	Fall 2012 –Spring 2014

- Taught 1 course per semester

Adjunct Professor	Summers of 2012, 2013 & 2014

- Taught 1 course per summer

Teaching Assistant   Fall 2011 – Spring 2012

University at Albany, State University of New York, Department of Geography and Planning

Student Assistant (Research - Urban Ecology), part time   October 2013-August 2014
- Develop python scripts to automate processes
- Set up, installed, and ran a Linux operating system and Linux software
- Obtained data

Sage College of Albany

Adjunct Faculty Member (intermittent)   2015-present
Online Course Developer   July 2014-September 2014
- Developed SCI 205, online – Intro to Physical Geography

TEACHING EXPERIENCE

Summary of SUNY Albany Teaching: Taught about 63 courses. All but one was required or optional within our degrees. Supervised/mentored about an additional 12 sections of research and internship courses. Have taught fully in person, fully online asynchronous, fully online synchronous, hybrid in person/asynchronous online, hybrid online synchronous/asynchronous, full semester and condensed semesters with several classes being delivered in a more than one modality. Min class size 3, Max class size 200, average class size about 31.

Courses Taught:

- Information in the 21st Century (INF 100)
- Introduction to Data Analytics: Seeking Information in Data with Computation (INF 131)
- Beginning Mini Special Topics in Informatics (INF 197), one credit, topic web mapping
- Research Methods for Informatics (INF 200)
- Introduction to Web Technologies (INF 201)
- Introduction to Data and Databases (INF 202)
- Introduction to Networks and System (INF 203)
- Probability and Statistics for Data Analytics (INF 300)
- Web Development (IST 361)
- Senior Capstone in Informatics (INF 465)
- Independent Research (INF 466)
- Intermediate Special Topics in Informatics (INF 496), Geoinformatics
- Intro to Physical Geography (SCI 205), at Sage
- Fundamentals of Information Technology (INF 523), five separate one credit courses, topics: Introduction to Programming, Web Technologies, Python, GIS Visualization, and Unix & Networking.
- Independent Study in Library and Information Science and Policy (IST 669)
- Internship - Information Science (IST 678)

HONORS AND AWARDS

- UAlbany Online Teaching and Learning initiative for 2019-2020: $500 stipend for course redesign and $3,000 stipend for a course development
- Distinguished dissertation award, 2018
- Individual Development Awards Program Grant, to attend 2014 NYS Geospatial Summit
- UA-GSA Professional Development Award Program, for 2013 NYGeoCon presentation
- 2012-2013 Professional Development Award Program, for 2013 CIT presentation
- Awarded Department of the Army - Certificate of Achievement: Regulatory Branch Permits Digitization Team - Commander's Outstanding Government Improvement
- Awarded the O'Reilly Scholarship for Environmental Science transfer and freshman students
- Named into the Who's Who Among Junior Colleges of America
- Graduated with honors from Hudson Valley Community College

PUBLICATIONS

Gervais, N.; Buyantuev, A.; Gao, F. (2017). Modeling the Effects of the Urban Built-Up Environment on Plant Phenology Using Fused Satellite Data. Remote Sens, 9(1). DOI:10.3390/rs9010099

Dumas, C.L., LaManna, D., Harrison, T.M., Ravi, S.S., Kotfila, C., Gervais, N., Hagen, L., Chen, F. (2015). Examining political mobilization of online communities through e-petitioning behavior in We the People. Big Data & Society, 2(2). 1-20. DOI: 10.1177/2053951715598170

PRESENTATIONS

Chan, J., Taylor, Z., Amoresano, K., Hunter, A., Gervais, N., Velez, C., & Brescia, R. (April 9, 2022). Developing an Accessible Website for Information on Mutual Aid Societies, Poster Presented at New York Celebration of Women in Computing (NYCWiC), Lake George, NY.

Gervais, N., Buyantuev, A., & Gao, F. (2017, April 08). Using Fused Satellite Data to Monitor the Effects of the Heterogeneous Urban Environment on Plant Phenology. Presented at The AAG Annual Meeting, Boston, MA.

Gervais, N. (2014, October 29). Enhancing Remotely Sensed Data to Better Measure Vegetation Patterns. Presented at The Informatics Department of the College of Computing and Information brown bag series of talks and discussions, University at Albany, State University of New York, Albany, NY.

Gervais, N. (2014, February 7). Geographic Information Systems: a Potential Tool For Educational Research. Presented at Students of Educational Administration for Change (sea change) Friday Forum, University at Albany, State University of New York, Albany, NY.

Gervais, N. (2013, November 13). VGI's Role in Improving Government 2.0. Poster Presented at NYGeoCon, Saratoga Hilton, Saratoga Springs, NY

Horowitz, L., Dumas, C., Kassab, D., & Gervais, N. (2013, May 23). Team Based Learning: an Instructional Strategy that Works!. Panel discussion at Conference on Instruction and Technology 2013 (CIT), SUNYIT, Utica, NY

Gervais, N. (2013, April 12). Challenges with the Conserving Biodiversity: The Importance of Surrogates. Presentation at New Trends in Computing and Informatics Research (NTCIR), University at Albany, State University of New York, Albany, NY.

Gervais, N. (2012, April 27). A Proposed GIS based Method for Modeling Aquatic Ecosystem Health. Poster Presented at New Trends in Computing and Informatics Research (NTCIR), University at Albany, State University of New York, Albany, NY.

Gervais, N. (2010, November 8). A Geospatial Representation of Coincidence Among Digitally Mapped Wetlands and Hydric Soils in St. Lawrence County. Poster Presented at GIS/World Town Planning Day, University at Albany, State University of New York, Albany, NY.

SERVICE AT SUNY ALBANY

Committee Member, SUNY Albany CATLOE search for two online instructional designers, December 2024-present

Affiliated Faculty, Department of History, September 2024-present

Committee Member, Graduate Curriculum Committee, Department of Information Sciences & Technology, July 2024-present

Graduate Program Director, Department of Information Sciences & Technology, July 2022 – present

Committee member, Information Science Ph.D. program tech competency/523 review committee, November 2023-present

Course Content Lead INF 203 Department of Information Sciences & Technology, August 2023 - present

Course Content Lead INF 131 and 201 Department of Information Sciences & Technology, January 2023 – present

Committee Member and Office of Diversity and Inclusion representative, Department of Information Sciences & Technology Data Analytics search (assistant/associate rank), September 2024-December 2024

Committee Member, SUNY Albany Graduate School Assistant Director of Academic Affair search, June 2024-October 2024

Committee member, College of Emergency Preparedness, Homeland Security and Cybersecurity Assistant dean search, July 2023-March 2024

Committee Member, SUNY Albany Teaching and Learning Advisory Committee, May 2021-November 2023

Committee Chair, Graduate Curriculum Committee, Department of Information Sciences & Technology, July 2023-June 2024

Coordinator, College of Emergency Preparedness, Homeland Security and Cybersecurity College Course Scheduling. May 2022-January 2024

Committee member, SUNY Albany Assistant Registrar search, June 2023-October 2023

Committee Chair, Undergraduate Curriculum Committee, Department of Information Sciences & Technology, September 2022-June 2023

Undergraduate Program Director, Department of Information Sciences & Technology, July 2022 – June 2023

Committee Member, Department of Information Sciences & Technology ad hoc P&T Policies, September 2022 – May 2023

Committee Member, Department of Information Sciences & Technology ad hoc By-Laws, September 2022 – May 2023

Committee member, College of Emergency Preparedness, Homeland Security and Cybersecurity Director of Marketing & Communications search, December 2022-April 2023

Course Content Lead INF 131, 201, 305, 308, and 428, Department of Information Sciences & Technology, August 2022 – January 2023

Committee Chair, College of Emergency Preparedness, Homeland Security and Cybersecurity Planning and Policy, August 2021-June 2022

Committee Member, College of Emergency Preparedness, Homeland Security and Cybersecurity INF PhD technology waiver, July 2022-July 2022

Committee Member, College of Emergency Preparedness, Homeland Security and Cybersecurity ad hoc Awards Committee, March 2022-May 2022

Committee Member, College of Emergency Preparedness, Homeland Security and Cybersecurity Informatics/Cyber Tenure Track Search Committee, August 2021-November 2021

Committee Member, College of Emergency Preparedness, Homeland Security and Cybersecurity Visiting Assistant Professor Search Committee (Informatics), June 2021-July 2021

Reviewer, INF Ph.D. Comprehensive Exam August 2022- August 2022

Reviewer, INF Ph.D. Admission Application August 2022-August 2022

Reviewer, INF Ph.D. Admission Application July 2022-July 2022

Assignment, College of Emergency Preparedness, Homeland Security and Cybersecurity Informatics Course Scheduling, August 2019 – May 2022

Course Content Lead, College of Emergency Preparedness, Homeland Security and Cybersecurity INF 300, June 2020-June 2022

Course Content Lead, College of Emergency Preparedness, Homeland Security and Cybersecurity INF 203, Oct. 2019-June 2022

Course Content Lead, College of Emergency Preparedness, Homeland Security and Cybersecurity INF 201, Sept 2019-June 2022

Committee Chair, College of Emergency Preparedness, Homeland Security and Cybersecurity Undergraduate Committee, August 2020-August 2021

Committee Member, College of Emergency Preparedness, Homeland Security and Cybersecurity Undergraduate Committee, August 2019-August 2020

Committee Member, College of Emergency Preparedness, Homeland Security and Cybersecurity Informatics Faculty Search (Open Rank), August 2019-May 2020

Committee Member, College of Emergency Preparedness, Homeland Security and Cybersecurity ETEC Occupancy Planning Committee, March 2020-March 2020

Committee Member, College of Emergency Preparedness, Homeland Security and Cybersecurity ALA Accreditation Students Committee, October 2018-September 2019

Committee Member, College of Emergency Preparedness, Homeland Security and Cybersecurity Scheduling & Statistics (ad hoc), August 2018-August 2019

Committee Member, College of Emergency Preparedness, Homeland Security and Cybersecurity Grievance Committee, November 2017-August 2019

Committee Member, College of Emergency Preparedness, Homeland Security and Cybersecurity Data Analytics Faculty Search, November 2018-April 2019

Committee Member, College of Emergency Preparedness, Homeland Security and Cybersecurity Adviser Search, Jan 2018-May 2018

Committee Member, Information Science Department, ALA Accreditation Students Committee, Feb 2017-Nov 2017

Committee Member, Information Science Department, Informatics BS Steering Committee, Jan 2017-Nov 2017

Committee Member, College of Engineering and Applied Science Curriculum Committee, Sept 2015 – mid Fall 2016

Committee Member, College of Computing and Information Commencement Program Committee, March 3, 2015 – May 20, 2015

Conference Co-organizer, New Trends in Computing and Informatics Research (NTCIR), 2012, April 27, University at Albany, State University of New York, Albany, NY

PROFESSIONAL SERVICE

Reviewer, Landscape Ecology, September 2022 – October 2022

Reviewer, Global Change Biology, Oct. 3, 2016- Oct. 12, 2016

PROFESSIONAL EXPERIENCE

US Army Corps of Engineers

Student Trainee (Geography), seasonal   August 2012-April 2015
Biological Technician, seasonal   July 2010-August 2012

- Assisted with the permitting and minimization of impacts to the navigable waters of the United States (Section 404 of the Clean Water Act and Section 10 of the Rivers and Harbors Act).
- Developed and interpreted GIS maps, via remote sensing techniques, to provide pertinent information to aid in site visits and preliminary identification of alleged violations.
- Responded to public inquiries via phone.

Natural Resource Conservation Service (USDA- NRCS)

Biological Student (Soil Conservation)   June 2009-August 2009

- Achieved an integrated system of land use and conservation to restore, enhance, and protect the environment in harmony with the needs of several landowners.
- Assisted in planning and overseeing the construction of agricultural water runoff and supply.

NYS Department of Environmental Conservation

Wildlife Technician 1   May 2008- October 2008

- Was responsible for ensuring compliance with Article 24 (wetland) and Article 15 (stream) of the Environmental Conservation Law in eight counties (Region 5 of the NYSDEC).
- Used ArcGIS to locate regulated wetlands, tax parcels, and any other pertinent information.
- Assisted in wetland delineations and marked boundaries with a GPS unit. Uploaded the GPS point files to a GIS.
- Assisted law enforcement with environmental complaints related to wetlands.
- Disseminated wildlife information to the public.