

Quinn Molloy

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Education

University of Connecticut (on-going)

Program: PhD, Geography

Expected: 2023

Keene State College

Bachelor's of Art, December 2012

Major: Geography, minor: Environmental Studies

Professional Experience

Massachusetts Department of Transportation

Title: Transportation Program Planner III

Function: GIS Analyst, Data & Analytics Team Leader, Municipal Data Coordinator

Dates: April 2014 through August 2019

True North Consulting

Title: IT Analyst

Function: Business Process Analyst, GIS Services Drone Team & LiDAR Researcher

Dates: May 2020 through December 2020

Metric Geometry and Gerrymandering Group - Tufts

Title: Geographer

Function: GIS Data Coordinator, Data Process Consulting

Dates: May 2020 through September 2021

Upper Valley Lake Sunapee Regional Planning Commission

Title: Assistant Regional Planner

Function: GIS Analyst, Cartographer

Dates: March 2013 through April 2014

Monadnock Conservancy

Title: GIS Technician

Function: GIS Technician

Dates: September 2012 through March 2013

Publications

Title: The City in the Western Tradition 3rd Edition, Kendall-Hunt 2021.

Function: Co-author

Title: A New Approach to Understanding the Impact of Automobile Ownership on Transportation Equity

Outlet: Transportation Research Record

Function: First/Corresponding author

Title: Black Households are More Burdened by Vehicle Ownership than White Households

Outlet: (*Under review*)

Function: First/Corresponding author

Research & Teaching Experience (Format: Online*, In-person^)

University of Connecticut – Primary Instructor

Class: UConn GEOG 1200, The City in the Western Tradition

Sessions (class size): Summer 2021* (12), Fall 2021^ (225), Winter 2021* (25), Spring 2022^ (200), Summer 2022* (20), Winter 2023* (20), Summer I 2023*, Summer II 2023*

University of Connecticut – Teaching Assistant

Class: UConn GEOG 1700, World Regional Geography

Sessions (class size): Fall 2022^ (300)

Class: UConn GEOG 1300E, Climate, Weather, & the Environment

Sessions (class size): Spring 2023^ (125)

Class: UConn GEOG 2320E, Climate Change: Current Geographic Issues

Sessions (class size): Spring 2023^ (125)

Class: UConn GEOG 2320E, Sustainable Cities Zurich: Summer Study Abroad

Sessions (class size): Summer 2023^ (11)

Class: UConn ENST 1000E, Introduction to Environmental Studies

Sessions (class size): Fall 2023^ (230)

Class: UConn GEOG 1010E, New Digital Worlds of GIS

Sessions (class size): Fall 2023^ (80)

Keene State College– Teaching Assistant

Function: GIS Lab Coordinator

Dates: September 2011 through December 2012

Transportation Technology & Society

Function: Research Team Member

Dates: August 2019 through present

Sustainable Cities

Function: Research Team Member

Dates: August 2019 through present

National Highway Cooperative Research Program 08-123

Function: Panel Member

Dates: 2018 through 2021

Governor's Commission for the Future of Transportation

Function: Subject Matter Expert

Dates: 2018

Grants & Awards

University of Connecticut Doctoral Dissertation Fellowship 2023

University Outstanding Graduate Teaching Award 2023

NESTVAL Regional Geography Bowl Winner 2022

Geography Graduate Outstanding Service Award 2022

Dwight David Eisenhower Transportation Fellowship Program 2021
Transportation Research Board *Wargames* Winner 2020
Aetna Graduate Creative Nonfiction Award 2019
Massachusetts Department of Transportation Certificate of Excellence 2018
Massachusetts Department of Transportation READi Innovation Award 2018
Esri Special Achievement in GIS 2016
Dean's List Keene State College 2009-2012

Presentations

UConn Ecoposium Sustainable Urban Development panelist 2023
American Planning Association National Planning Conference panelist 2023
Transportation Research Board 2023
Institute for Community Research GIS Primer 2022 (5 installments)
Northeast Multimodal Transit Summit moderator/panelist 2022
WTS Transportation Mini-series panelist 2022
Center for Advanced Multimodal Mobility Solutions and Education 2021
Conference Advancing Transportation Equity 2021
MA Regional Planning Agency Workshop Series (10 Installments) 2019
MA Highway Association Annual Meeting 2018, 2019
AASHTO's GIS for Transportation Conference 2018
URISA (New England) 2018
MassDOT's Moving Together Conference 2017, 2018
Esri User Conference 2017
Northeast Arc User Conferences Meetings 2015-2018
Academic Excellence Conference 2012

Affiliations

Women in Transportation
American Association of Geographers
Transportation Research Board
Northeast Arc User Group
New England URISA

Technical Skills

ArcGIS (Desktop, Pro, Mobile Apps, Online, Server), Python, R, Microsoft Office Suite, Adobe Suite (InDesign, Acrobat, Photoshop, Illustrator, Premiere), QGIS, SPSSx, Capcut

Side Projects

Connecticut Oral Health Initiative

Data Analyst, mapping access to dental health facilities in CT 2021

Best Bees

Geographic consultant, featured in the NatureStructure exhibit by The Boston Society for Architecture

Soft Skills

Anticipatory Thinking, Interdisciplinary, Collaboration, Communication, Problem-Solving, Adaptability, Iterative process management

Research Interests

Geography, Transportation, Sustainable Development, Urban Planning, Geospatial Technologies, Local Governments, Social Equity

Other Interests

Biking, cartography, creative writing, science fiction, occasional pedicabber

Activities

NESTVAL Geobowl team captain 2020-2022

Geography graduate student representative, University of Connecticut 2021

GUE-UAW Local 6950 Member

Gamma Theta Upsilon Secretary, Keene State 2012

Volunteer Work

UConn Active Transportation Plan Working Group, student representative 2022

UConn Graduate Student Representative, Geography Department 2021

Desegregate Connecticut, Zoning Atlas volunteer 2020

UConn Bike Facility Inventory 2020

Relevant Coursework

Undergrad: Advanced GIS, Vector GIS, Natural Resource Management, Global Water Resources, Seminar I, Seminar II, Cartographic Design and Analysis, Environmental Governance, Public Speaking

Graduate: Seminar in Transportation & Urban Engineering, Science Communication II, Street & Highway Design, Research Design, Themes in Geographic Thought, Advanced Urban Geography, Case Studies in Transportation Engineering, Python Scripting for Geospatial Analysis, Spatial Big Data Analytics, Advanced Topics Series (Spatial Analysis, Physical Geography), Practicum in College Teaching