

James P. Collins

New East, 223 E. Cameron Ave, Chapel Hill NC, 27599

jpc@unc.edu · @jpcollins.me · jpcollins.me

Updated October 2, 2024

EDUCATION

University of North Carolina at Chapel Hill , Chapel Hill, NC Ph.D., City and Regional Planning	Expected 2028
University of Texas at Austin , Austin, TX B.S., Environmental Science, Geographical Sciences B.A., Government	2019

BOOK CHAPTERS

Collins, James P. Forthcoming. "Anna Lowenhaupt Tsing." In: *Inspiring Disaster Scholarship: 100 of the Most Influential Thinkers*, edited by Ksenia Chutina and Jason von Meding.

REPORTS

Collins, James P., Ryan McCune, Miyuki Hino, Katherine Anarde, and Max Cawley. 2024. "[Chronic coastal flooding tolerance in rural North Carolina](#)." Digital report. Chapel Hill, NC: Sunny Day Flooding Project.

Clamman, Andrew, Mateo Scoggins, **James P. Collins**, and Jeremy Walker. 2022. "[Trash in Creeks: A field survey of trash intensity and source types in Austin, Texas](#)." RR-22-01. Austin, TX: Watershed Protection Department, City of Austin.

PROJECTS

Environmental Justice Action Research Clinic <i>UNC Gillings School of Global Public Health</i>	2024 -
NASA ROSES Flooding More Than We Know project <i>NASA Research Opportunities in Space and Earth Science (ROSES) program</i>	2024 -
Carolinas-Pacific Cross-CAP Community-Engaged Local Flood Risk and Mitigation project <i>NOAA Climate Adaptation Partnerships (CAP) program</i>	2024 -
Travis County, Texas, Concrete Batch Plant Particulate Matter Monitoring project <i>AGU Thriving Earth Exchange Community Science program</i>	2023 - 2024

TALKS, LECTURES, AND SEMINARS

Operationalizing Social Equity in Austin's Watershed Protection Department (guest lecture) <i>The Science of Environmental Justice undergraduate class, UT-Austin</i>	2023
Planning for Agro-Ecosystem Services in Austin, Texas (presentation) <i>Farmland Preservation Working Group meeting, Austin—Travis County Food Policy Board</i>	2019
U.S. Biosphere Reserves: History, Challenges, and the Case of Congaree (presentation) <i>National Parks and Protected Areas undergraduate class, UT-Austin</i>	2018
Congaree Biosphere Reserve: People and Place, in Partnership (presentation) <i>Connected Conservation webinar series, National Park Service, U.S. Department of the Interior</i>	2018

SELECTED CONFERENCE PRESENTATIONS

Tolerating the tide: chronic coastal flooding in rural North Carolina and implications for sea level rise driven migration (presentation, forthcoming) <i>American Geophysical Union Fall Meeting</i>	2024
Near real-time survey analytics pipeline for adaptive community engagement (presentation) <i>American Association of Geographers Annual Meeting</i>	2023
Introduction to Feature Manipulation Engine (workshop) <i>Austin GIS Day Conference</i>	2022
Automating Spatial Analysis for Coordinating Municipal Utility Improvements (presentation) <i>Texas GIS Day Conference</i>	2021
Automating Web Mapping with FME and Leaflet (presentation) <i>Texas GIS Day Conference</i>	2020
Planning for Urban Agro-Ecosystem Services (poster) <i>University of Texas at Austin Research Week</i>	2019
Leading Impactful Environmental Change on College Campuses (workshop) <i>Texas Regional Alliance for Campus Sustainability Annual Conference</i>	2017
Poster: Campus Environmental Center: Student-Led Environmental Action at UT-Austin (poster) <i>Association for the Advancement of Sustainability in Higher Education Annual Conference</i>	2017

FELLOWSHIPS, AWARDS, AND FUNDING

Population Science Predoctoral Trainee <i>UNC Carolina Population Center: \$600</i>	2024
Summer Professional Development Fellowship <i>UNC Department of City and Regional Planning: \$3,000</i>	2024
Summer Research Fellowship <i>UNC Department of City and Regional Planning: \$7,000</i>	2024
Graduate Research Fellowship <i>United States National Science Foundation: \$111,000</i>	2023
Terry Foundation Scholarship <i>Terry Foundation, Texas, US: \$88,100</i>	2015

SERVICE

Open Rank Faculty Search Committee, UNC Department of City and Regional Planning	2024
Doctoral Program Admissions Committee, UNC Department of City and Regional Planning	2024
Editor, Carolina Planning Journal	2023
Organizer, Austin GIS Day Conference	2022
Grant Reviewer, University of Texas at Austin Green Fund	2018

MEMBERSHIPS

Population Association of America
American Geophysical Union
American Planning Association
American Association of Geographers, <i>Natural Hazards and Disasters Specialty Group</i>

PROFESSIONAL EXPERIENCE

City of Austin	Austin, TX
<i>Watershed Protection Department</i>	
Senior Research Analyst	2021 - 2023
Interim IT Supervisor	2021 - 2022
IT Geospatial (GIS) Analyst	2020 - 2021
IT Geospatial (GIS) Technician	2019 - 2020
The Nature Conservancy	Austin, TX
<i>Waller Creek Ecosystem & Monitoring Project</i>	
Field Technician	2019
National Parks Service	Hopkins, SC
<i>Congaree National Park</i>	
GIS Specialist/Geoscientists-in-the-Parks Intern	2018
The University of Texas at Austin	Austin, TX
<i>Campus Environmental Center</i>	
Student Director	2016 - 2018
Microfarm Project Lead	2016

SKILLS

Programming	R, Python, LaTeX, SQL, HTML, CSS, PHP, JavaScript, Cypher
Software	ESRI ArcGIS, QGIS, Feature Manipulation Engine, Jupyter, R Studio, Git, REST APIs
Databases	MySQL, Oracle SDE, Neo4j
Languages	English (native), Spanish (intermediate)