CENTER FOR STUDIES IN DEMOGRAPHY & ECOLOGY
UNIVERSITY of WASHINGTON

Call for Applications
CSDE NIH TADA T32 FELLOWSHIP PROGRAM
DATA SCIENCE & DEMOGRAPHY TRAINING (DSDT)

Application Deadline Friday, April 24, 2026, by 5:00 PM PT
Information Session Wednesday, April 1, 2026
12:30-1:30 (in-person, Raitt 221, or Zoom:

https://washington.zoom.us/j/96804967473 (Passcode: 244881)

CSDE is pleased to announce the availability of 12-month fellowships supported by the NIH Training in Advanced Data Analytics (TADA) T32 fellowship program. These Data Science and Demography Training (DSDT) fellowships begin mid-September 2026. There are **three openings** for the DSDT fellowship program this year.

Program description: The goal of the training grant is to provide rigorous training in advanced **data science** methodologies for the next generation of behavioral, social science and population health researchers **or** to provide advanced **demographic training** for data scientists. Graduate training for these groups at UW is enhanced by close collaboration between multiple departments. The program provides both deep and broad training, preparing trainees for careers that will advance population health sciences in universities, industries, or the public sector. In the first year of the program, students take courses that provide a broad foundation in data science or demographic methods. During the second year of the program, students specialize their advanced training with direction from their mentors. Students focus on a project that falls into one of the following priority areas highlighted by the program announcement: (i) intensive or voluminous longitudinal data; (ii) internet, commercial, and administrative records data; and (iii) large sample or population-level agency databases ***analyzed with*** computationally intensive techniques such as spatial and statistical demography, machine learning, AI, large language models, or natural language processing. Trainees are expected to dedicate .5 FTE to training, independent research, and mentored research related to your TADA proposal.

Benefits: The NIH T32 Training Program provides:

- a 12-month stipend of $28,788
- $16,000 for tuition (students will need to cover the building and operating fees, separately)
- $4,750 in fringe benefits
- **$3,000 for childcare for qualifying fellows**
- small travel grants to attend two professional conferences.

The fellowship is renewable for a second year, depending on funds and if sufficient progress is made towards the fellow's training goals. NB: *Departmental administrators should be aware that federal funds do not cover the full cost of salary, fringe benefits and tuition, and the department is responsible for the gap. Federal funds cannot be used to fill the gap between the T32 funding and UW costs for stipend, benefits, and tuition.*

Eligibility: UW Students committed to a population research career or a population health research career with a strong interest in integrating data science applications in their career. **Students must be a US Citizen or equivalent.**

Questions? Ask the DSDT Program Director, Audrey Dorélien (dorelien@uw.edu) or Jill Fulmore (fulmore@uw.edu)

Applicants should submit their application packet to the DSDT Program Director Audrey Dorélien (dorelien@uw.edu) and CSDE's Training Program Advisor Jill Fulmore: (fulmore@uw.edu) by 5pm PT on 04/24/2026 (Friday).

Requirements during the T32 Fellowship: Participation in the TADA T32 fellowship entails a substantial time commitment and additional coursework; therefore, please confirm your ability to meet the program's requirements if selected.

Ideal PreReqs	Enrollment in, or progress towards completion of, CSDE's Demographic Methods Certificate (or its equivalent) and completion of a mathematics requirement satisfied by training prior to UW, CSSS Math Camp, or CSSS 505

Required Training Components:

- **Completion** of ***CSDE's Demographic Methods Certificate,*** **including Professional Ethics course (CSDE 502 Spr)**
- **Demonstrated** mastery of data science software development (take CSE 583 or equivalent)
- **Register** for & attend ***CSDE 501 (1 credit, Fridays at 12:30pm) for each quarter in training***
- **Contribute** to ***Population Dynamics Lab*****: 3** quarters editing accessible and reproducible peer-reviewed methodological contributions (methodological briefs, visualization, and reproducible code) OR 1 submission to the online open access publication
- **Mentored research and professional development**: Two mentors; one from demography or population health and one from data science. Trainees should schedule regular meetings with their mentors. Training director meets with trainees in "Tea-32 Lab" meetings 4-5 times per quarter for additional mentored research and professional development
- **Participation** in ***Computational Demography Working Group*** for each quarter in training
- **External Conferences/Workshops:** as funding allows, participate in Training in Advanced Data Analytics (TADA) planning committee and conference, and attend Population Association of America (PAA) annual conference

Tailored Training Program Plan that might include:

- Coursework in **Demography, Data Science**, and **Population Health -**Trainees and their mentors will meet with the T32 PI and PD to identify training gaps in their data science, demography, population health training and identify ways to fill them, which could include course work or workshops such as: 1) Demography courses; 2) Data science courses: 3) Skills-based workshops- e.g. Data Visualization; Agent Based Modeling in R; Spatial Data Analysis in R or ArcGIS
- Additional seminars to enhance training and professional development, e.g.:
  - Attending relevant CSSS seminar. (Wednesdays 12:30-1:20pm Hybrid)
  - Attending relevant eScience Community seminar, (Wednesdays 4:30 in person)
- Rotations and Lab participate in eScience Reproducibility and Open Science Special Interest Group, CSDE's summer lab with Population Health Initiative (PHI), Center for an Informed Public (CIP) lab, or a faculty member's lab.

UW Academic Student Employee (ASE) union contract requirements: You must register for at least 10 credits AUT/WIN/SPR to maintain appointment and benefits eligibility. You do not need to enroll during summer. Time spent in TADA T32 DSDT activities such as seminars, workshops, and labs will count toward

your maximum of 220 hours except as described in Article 35 Section 4 of the collective bargaining agreement.

Student Tasks

Submit a single PDF to the TADA T32 DSDT Program Director Audrey Dorélien (dorelien@uw.edu) and Training Program Advisor Jill Fulmore: (fulmore@uw.edu) save as *Your Department_Lastname_*2026.pdf that contains 5 components of the application in the following order:

1. **Statement of Purpose** (max 2 single spaced pages)
    a) Research and career goals: Specify your overall research and career goals and explain how those goals will be advanced by a training fellowship at the intersection of demography or population health research and data science. Please be clear about the relative balance of your proposed training goals (between demography and data science training) during the fellowship.
    b) Research accomplishments: Specify the research questions answered in your completed work and your research strategies. Discuss the innovative aspects of this work, its contribution to a research area in demography and population health, and its broader impact on the field and public good.
    c) Ongoing & future research, including the fellowship project: Discuss how your specific aims, research strategy, innovative aspects, and contribution to a research area in demography and population health with data science applications will yield broader impact on the field and public good. Briefly state your training plan for the first fellowship year.
2. **Academic Curriculum Vitae**
3. Current **transcript** (Unofficial is fine).
4. A **recommendation letter from your proposed CSDE affiliated mentor** (to be included in the packet submitted by the student). Your letter writer should provide their assessments about:
    a) your career trajectory and your commitment and ability to become a highly productive and independent scientific researcher in demography or population health science,
    b) the scientific and technical merits of your previous research, innovations in research, and the impact of your research on a field of study, such as CSDE's primary,
    c) your planned research, especially the applicant's proposed research collaboration with a CSDE Faculty Affiliate, and
    d) how the fellowship program will significantly advance your future research productivity and research grant success and thereby lead to a scientific career in demography or population health sciences in academia, government, or the private sector.
5. **A statement of support signed by your department's Graduate Program Director**, indicating:
    a) Why you are a good fit for the fellowship
    b) The department's approval of your CSDE Affiliate faculty advisor during the fellowship
    c) The department's approval of you taking up additional training required by the fellowship
    d) Commitment to provide remaining financial coverage for the twelve-month NIH T32 Training Appointment (NIH provides: a 12-month stipend of $28,788; $16,000 toward tuition, and $4,750 in benefits (plus $3,000 for childcare). The department's letter of support needs to indicate whether they can provide support for the funding difference between the NIH stipend and tuition and the true cost of the same for UW. **Importantly,** NIH will not allow T32 appointed trainees to receive federal funding for gap coverage between T32 funds and the remaining, required UW ASE costs.

Still have questions? Ask the DSDT Program Director, Audrey Dorélien (dorelien@uw.edu) or Jill Fulmore (fulmore@uw.edu)