



CENTER FOR STUDIES IN
DEMOGRAPHY & ECOLOGY

Call for Applications



CSDE NIH T32 FELLOWSHIP PROGRAM

DATA SCIENCE & DEMOGRAPHY TRAINING (DSDT)

Application Deadline Friday, April 26, 2024 by 5:00 PM

Information Session April 12, 2024 at 2:00 PM

Zoom Link: <https://washington.zoom.us/j/98633694557>

CSDE is pleased to announce the availability of 12-month fellowships supported by the NIH T32 fellowship program in Data Science and Demography Training (DSDT) to begin mid-September 2024. In the upcoming year, there will be four or five openings for the DSDT fellowship program. This fellowship provides a monthly stipend (NIH predoctoral level) and small travel grants to attend two professional conferences. Tuition (including the Operating Fee and Building Fee), and health insurance premiums are also covered. The fellowship is potentially renewable for a second year, depending on funds and as long as sufficient progress is made towards the fellow's training goals. **Applicants should submit their application packet to the DSDT Program Director (Zack Almquist; zalmquist@uw.edu) and CSDE's training program advisor (Jill Fulmore; fulmore@uw.edu) by 5pm on 04/26/2024 (Friday).**

Eligible: 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 also be a US Citizen or equivalent.**

Requirements during the T32 Fellowship: continuous residence, satisfactory performance in degree program, completion of SOC 538: Data Science, Population Process and Health, completion of training in the responsible conduct of research (RCR) and in rigor and reproducibility (R&R), and training in demography/population health and/or data science depending on the student's background. Enrollment in the weekly research seminar (CSDE 501) is expected throughout the fellowship. Attendance of the Computational Demography Working Group is also expected. Membership in the Population Dynamics Lab is a requirement. Further, it is expected that the fellow will engage in mentored research collaborations with a CSDE Affiliate (15-19 hrs./week). The research should lead to co-authored paper(s).

Student Tasks

Submit a single PDF to the DSDT Program Director (Zack Almquist; zalmquist@uw.edu) and Training Program Advisor (Jill Fulmore; fulmore@uw.edu) save as *Your Department_Lastname_2024.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 focused at the intersection of population 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, 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 research areas.
 - c. Your planned research, especially the applicant's proposed research collaboration with a CSDE Faculty Affiliate.
 - d. On 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 the Graduate Program Director in the Applicant's home department certifying:
 - a. Why this nominee is 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 that the student can undertake the additional training required by the fellowship
 - d. The NIH T32 provides a 12-month stipend @ \$27,144; tuition @ \$16,000; benefits @ \$4,550 (plus \$2500 for childcare). This amount does not fully cover the true costs at UW. Provide indication by the department (or faculty mentor) whether they can provide support for the funding difference between the NIH stipend and tuition award and the true cost of the same for UW (typically, this gap can total between \$18,773 and \$31,100 per year, depending upon the student's academic unit and level and the new contract for graduate students).

Still have questions?

Ask the DSDT Program Director, Zack Almquist (zalmquist@uw.edu)

Attend DSDT Info Session, April 12, 2024 at 2:00PM

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