**The Emory TADA Pre-Doctoral Fellowship Program in Advanced Data Analytics to End Drug-related Harms**

**CALL FOR APPLICATIONS**

The Emory/Rollins School of Public Health invites applicants to a new T32 training program for pre-doctoral training fellows called *Training in Advanced Data Analytics and Computational Sciences to End Drug-Related Harms* (TADA). The goal of TADA is to prepare a diverse cadre of 21st century social and behavioral science (SBS) researchers to apply advanced data analytics and computational methods and to develop transformative approaches to end the substance use disorder (SUD) crisis. Methods include but are not limited to geospatial methods, social network analyses, gene/environment interactions, machine learning, and tools to integrate and analyze multiple large administrative datasets.

TADA offers a wide-range of training opportunities (see Table 1). For funded fellows, TADA supports doctoral student stipends and tuition in the first two years after passing their comprehensive exams.

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| **Table 1. TADA Opportunities** | | |
| **TADA Program Opportunity** | **Funded TADA fellows** | **Certificate Trainees** |
| Two-semester TADA course with lab | X | X |
| TADA-certified Mentor Team | X |  |
| TADA Mentee training | X |  |
| 2-semester mentored Emory GRA position | X |  |
| Bi-weekly dissertation workshops | X |  |
| Monthly journal club unplugged | X | X |
| Annual Research Symposium | X | X |
| Research rotations | X |  |
| $5,000 dissertation grant | X | X\* |
| Biannual distinguished visitor lecture & breakfast | X | X |
| Seminars | X | X |
| *\*Eligible to apply for competitive funding* | | |

TADA funded fellows will select a specific methodological track in which to focus coursework and research rotations. These tracks typically include, but are not limited to:

* + - Geospatial Analysis
    - Machine Learning
    - Social Networks
    - Harmonizing and analyzing large administrative databases
    - Genetic and Environmental Influences and Interactions

Within each track students will be required to earn a grade B or above in two advanced, graduate-level courses in that method (minimum of 2 credits each), dedicate at least 75% of their Emory-based research rotations to that track and dedicate a summer rotation to that track.

**To be eligible to take place in TADA Program activities, individuals must be students in good standing in an Emory doctoral program.**

**To be eligible to be a TADA funded fellow, applicants must:**

* Be doctoral students enrolled in the BSHES, HPM, Sociology-Health, or Clinical Psychology departments of Emory University’s Laney Graduate School.
* Have passed their departmental comprehensive exams before enrolling in the program, though they can apply for admission prior to taking these exams
* Have an outstanding record of academic accomplishment, and an established history of engagement in research and interventions into SUDs or related harms (e.g., overdose, HIV, HCV).
* Must be in-residence during the first year of fellowship.
* Must be an American Citizen or Permanent Resident of the United States

**How to Apply:** Please submit the following to Laura Donnelly at [ldonnel@emory.edu](mailto:ldonnel@emory.edu). Applications are accepted and reviewed on a rolling basis, but Fellowships start at the beginning of the Fall and Spring semesters.

1. TADA Student Application Form
2. One-page essay on your research interests and planned dissertation on applying advanced data analytics to SUD-related health problems.
3. Log of SUD-related research or programmatic work activities that you’ve participated in since inception of your PhD program. Please include courses taken, papers written on SUD-related topics for courses, seminars attended, formal Graduate Research Assistant positions held, and published papers
4. Two letters of recommendation from program faculty (1 from advisor)
5. Copy of official transcript
6. Curriculum Vitae

**To learn more about the TADA certificate program, please contact** Laura Donnelly at [ldonnel@emory.edu](mailto:ldonnel@emory.edu).

**Questions:** Please contact Laura Donnelly at [ldonnel@emory.edu](mailto:ldonnel@emory.edu). For more information about the TADA program please visit the Spark @ Emory website here: [sph.emory.edu/spark/tada-program](http://sph.emory.edu/spark/tada-program/" \t "_blank)