

# PREDOCTORAL AND POSTDOCTORAL POSITIONS AVAILABLE

## EMORY UNIVERSITY INSTITUTIONAL TRAINING GRANT (NIH/NIA T32) AD Big Data to Biology training program (ADBDB-TP)

PIs – Todd Golde, MD, PhD, Professor Dept of Pharmacology & Neurology;  
David Weinschenker, PhD, Professor, Dept of Human Genetics

We are soliciting applications for 4 post-doctoral positions and 4 pre-doctoral positions to be funded by the NIA T32 Training Grant **Alzheimer's Disease Big Data to Biology Training Program (ADBDB-TP)**. Funding should be retroactive to Sept 1, 2024. *Note that for this inaugural cohort 2 pre and 2 postdoctoral positions will be for 1 year only, while 2 pre and 2 postdoctoral positions will be for 2 years.* This will enable us to have 2 pre and 2 postdoc positions available ever year. All trainees in subsequent years will be funded for 2 years. Overall, the T32 is designed to fund trainees for two years, but there can be some flexibility in this regard.

- **All candidates must be citizens or permanent residents of the United States at the time of their appointment.**
- **Please see the attached list for eligible 'Training Faculty/Mentors'.**
- **The research plan should address "big data" science associated with AD and its related disorders (ADRD) with focused hypothesis-driven biological studies.**

The training program seeks to recruit and rigorously train highly qualified and motivated postdoctoral fellows (MD, MD/PhD and PhD) and predoctoral candidates **in big data" science associated with ADRDs**. The training will bidirectionally provide i) big data-focused trainees with more biological insight into ADRDs and ii) more neurobiologically-focused trainees with the ability to access, understand and analyze, and use big data sets. Links to a pdf of this T32 grant application, this announcement and the list of mentors can be found [here](#).

**Applications are due by Tuesday October 1st, 2024 (5.00pm) and must include:**

### **Postdoctoral candidates ( ≤ 3 years as a fellow)**

1. Formal letter of application – limit 2 pages, that includes a) Name of Emory PI whose lab you will work in, b) stated interest in translational research in neurology, c) training goals for the next 1-2 years, and how the training grant will help achieve those goals, and d) long term career goals
2. Research plan that includes Aims and strategy - limit 2 pages (can be same as a previously submitted NRSA). *The aims should address some aspect of AD or ADRD within the mission of the NIA and ADRD initiatives and some component of training related to big data and ADRD biology.*
3. Record of previous fellowship grant applications with priority scores and outcomes; plan with timeline for future grants
4. Curriculum vitae and previous funding sources (during pre- and post-doctoral training)
5. Three letters of recommendation, including one from the applicant's Ph.D. advisor (or residency director) and two faculty familiar with the applicant during his/her doctoral or postdoctoral training. If a candidate is currently in a postdoctoral training position, a letter from his/her current supervisor must be included. The letters should be directly e-mailed to Dr Betarbet at the address given below.

Postdoctoral candidates must have completed a Ph.D., M.D., or equivalent degree from an accredited domestic or foreign institution. Trainees will be accepted only on a full-time basis.

Postdoctoral candidates will be judged on (i) project relation to Big Data and ADRD, (ii) research potential and productivity, (iii) the mentor(s) and his/her training record and productivity, and (iv) training plan. The mentoring team must include a member of the training grant-training faculty (please see attached list).

### **Predoctoral trainees (3<sup>rd</sup> year and up)**

1. Formal letter of application – limit 2 pages, that includes a) Name of Emory PI whose lab you will work in, b) stated interest in translational research in neurology, c) training goals for the next 1-2 years, and how the training grant will help achieve those goals, and d) longer term career goals
2. Specific Aims - limit 1 page (from dissertation proposal). *The aims should address some aspect of AD or ADRD within the mission of the NIA and ADRD initiatives and some component of training related to big data and ADRD biology.*
3. Record of previous predoctoral fellowship grant applications with priority scores and outcomes; plan with timeline for future grants
4. Curriculum vitae and previous funding sources
5. Three letters of recommendation with one from current Training Faculty
6. Original Transcripts (from graduate school) and laboratory rotation evaluations

Predoctoral candidates will be judged on (i) successful completion of qualifying exams, (ii) overall academic performance in the first two years of his/her respective program, (iii) research potential, (iv) project relation to Big Data and ADRD, and (v) appropriateness of the advisor or mentoring team (must be/include a member of the training grant - please see attached list) and training plan.

**Please let us know if you are an underrepresented minority candidate** (per NIH guidelines).

Please submit all application materials electronically **by 5.00pm Oct 1<sup>st</sup> 2024** to

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