UW ADRC Research Education Component (REC) Trainee Program

Summary

The UW ADRC REC Trainee program provides a broad-based training in the clinical presentation and course of Alzheimer's disease and related dementias (ADRDs) in addition to the basic, translational and clinical research approaches used in their study. Designed to complement participants' ongoing training, this program provides 6-10 REC Trainees each year with a two-year cohort-based introduction to the basics of ADRDs, orientation to the use of data and resources available through the UW ADRC cores, and access to scientific and research environment of the UW ADRC. **Six key benefits of participation in the UW ADRC REC Trainee program are:**

1. Didactic and practical training in ADRD and related research approaches, as well as an introduction to accessing research resources developed with the UW ADRC.
2. Introductions to and ongoing interactions with leaders in UW ADRD research. For trainees embarking on Alzheimer's-related research, these investigators are their future collaborators, co-mentors, consultants, and Letter of Support writers.
3. For trainees seeking F, K funding in Alzheimer's-related subjects, participation in the REC Trainee program provides a strong starting point for mentorship and training plans. For those seeking R-level funding, it is a strong step towards demonstrating active participation in the institutional Alzheimer's-related scientific environment.
4. Annual travel funding for attendance of ADRD-focused conferences.
5. Scholarships to participate in the UW Summer Institute in Statistics for Big Data.
6. Presentation opportunities at the annual UW ADRC Research Symposium.

Participants

The UW ADRC REC Trainee program was designed to support graduate students, postdoctoral fellows, medical residents and fellows, and junior faculty conducting research on subjects connected to ADRD.

Elements

AD@UW: A monthly discussion of a different topics in ADRD, including details of how to access related UW ADRC resources. These sessions are guided by ADRC leaders, offering trainees both an informal opportunity to learn the basics of ADRD and UW ADRC resources, but also a valuable introduction to established leaders in our local ADRD community.

Example Schedule:

Month	ADRD Basics Topic	Related UW ADRC Topic
Sept	Dementia definition and evaluation	UW ADRC cohort and clinical metrics
Oct	Dementia pathology and pathogenesis	UW ADRC neuropath core resources
Nov	Dementia genetics	Neurogenetics
Dec	Dementia imaging	UW ADRC core resources
Jan	Book discussion	ADRD related book or professional development book
Feb	Health services and policy dementia research	ADRD funding at the UW and beyond
Mar	Special topic	E.g. collaborating study (SEA-AD; ACT), AD fluid biomarkers, statistical resources, therapy development, model systems, etc
Apr	REC Research Symposium	

Access to UW ADRC Scientific and Research Environment for distributed REC Trainees: The UW ADRC community is home an outstanding array of weekly, monthly and quarterly seminars, workshops and journal clubs related to ADRD. These include the UW ADRC 'Towards Precision Medicine' seminar series, the Neuropathology Research in Progress seminar series, the Neuropathology Clinico-Pathologic Conference (CPC), the Alzheimer's Disease Training Program T32 Special Topics seminar series and journal club. REC Trainees located across the different UW campuses, or located at other campuses nationwide, will be provided real-time access to these events through Zoom-based video conferencing.

UW ADRC Research Symposium: REC Trainees will be invited to participate in the annual UW ADRC Research Symposium, which includes a poster session, investigator and trainee talks, and networking opportunities.

Travel Funding: REC Trainees are eligible for travel stipends of up to $1000 to attend and present at a national ADRD-focused research meeting.

Summer Institute in Statistics for Big Data: REC Trainees are provided scholarships covering the costs of attendance at the UW Biostats SISBD (https://si.biostat.washington.edu/institutes/sisbid) , which includes modules on Data Wrangling with R, Data Visualization, Supervised Methods for Statistical Machine Learning, and Unsupervised Methods for Statistical Learning.