

OREGON ROYBAL CENTER FOR AGING AND TECHNOLOGY PILOT PROGRAM

Project dates: 06/01/18 - 05/31/19

Maximum direct costs: \$45,000

Number of project to be funded: 2

Letter of intent: Monday, January 15, 2017 by 11:59 pm

Full application (invited within one week of LOI deadline): Monday, February 19, 2017 by 11:59 pm

INFORMATION SESSION: Wednesday, January 3rd at 10am - 11am HRC13D40A (Layton Center)

The overarching objective of ORCATECH is to improve technology as well as to translate that technology into useful tools to improve the health of the aging. ORCATECH offers the use of its Life Laboratory for translational research to study how to best use technologies to assess health and maintain independence in a person's home. The Life Laboratory is a network of residences in the local community outfitted with a suite of basic devices for continuous remote monitoring of mobility and computer use. This evolving network of homes is intended to be a shared resource for developing and testing intelligent systems for assessing health behaviors, life activities, and physiological status under "real world" conditions. In addition to the Life Laboratory facilities, ORCATECH also has a large library of continuous activity and health data collected unobtrusively and in parallel with standard health assessment protocols in the home environment of seniors that spans several years. These data are available for analysis to qualified investigators.

Eligibility: Applicants may be either postdoctoral or junior faculty investigators with an interest in research in aging and technology or more senior investigators who have experience in other areas who want to try a new hypothesis, method or approach related to aging and technology.

ORCATECH resources: Although not required, investigators are encouraged to utilize parent-grant resources. Investigators may have access (with IRB approval) to patients and control volunteers in the Life Laboratory along with activity, clinical, genetic and neuropathological information; specimens such as DNA, frozen and fixed brain tissue, CSF, and cell lines. Interested investigators are encouraged to consult with ORCATECH faculty or staff.

Letters of Intent (addressed to the ORCATECH Executive Committee) should briefly describe the applicant's research program, career plans, experience in aging and technology research, as well as briefly summarize purpose and aims of the proposed project (include title) in relation to other current research and to future related research. Letters should be no more than 1,200 words (Arial 11pt font, 0.5 inch margins). Include biosketch for principal investigator in current NIH format. Grants office review not necessary. Submit application as one pdf document to zitzelbe@ohsu.edu.

For further information, contact Tracy Zitzelberger at 503-494-7198 or zitzelbe@ohsu.edu.