



BETA: Biomedical Entrepreneurship Training Program for Aging

Overview: BETA is a R25 program funded by National Institute of Aging (NIA/NIH) and administered at the University of Missouri. The program is designed to provide biomedical education with didactic and immersion experiences to participants, in a way that will broaden their skillsets useful in transitioning to other scientific positions in industry and academia. The training program will help create multidisciplinary, highly talented workforce required for innovation and translation, specifically focused on age-related diseases, including AD/ADR.

Fellowship and Certificate: Trainees will receive a fellowship of \$6,000 and a “BETA Scholar” certificate upon completion of the training program.

Program Components: The training program comprises of minicourses, immersive and mentoring experiences.

- Observership in clinics and senior living centers
- Hands-on experience in drug and device design
- Intern experience in the MU Technology Advancement Office
- Shadowing clinical trials at clinical research center
- Responsible conduct for research training
- Learning science communication
- Coaching to develop business strategy and investor pitches
- Capstone project: Investor pitch and proposal preparation

Training Program Outcomes: Prepare trainees for modern translation-focused and multidisciplinary academic positions such as patent licensing associates, health policy administrators, chief scientific officers or research directors in pharmaceutical and medical device companies, clinical site managers, regulatory personnel, and reimbursement specialists.

Target Audience: Graduate students pursuing master’s and doctoral degrees, postdoctoral fellows, research scientists, and other health care professionals.

Duration: One year with a time commitment of up to 15 hours per month. *The modular design of program allows trainees to continue their primary educational and research activities without interruption while participating in BETA.*

Benefits: Participants in BETA training program will gain skills needed to bring innovative medical products into clinical practice:

- Interfacing with academia and industry
- Adapting to the life sciences entrepreneurial ecosystem
- Preparing for modern academic career and industry opportunities
- Interdisciplinary collaboration and team-based science
- Translating basic research ideas to medical products that will benefit patient care



Scan to submit your application!

To learn more visit medicine.missouri.edu/BETA

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