NeuralCODR Fellowship
Walter Neurological Restoration Initiative Endowment
Application

NeuralCODR is an innovative cross-disciplinary training program that brings together regeneration biologists, neurophysiologists, and clinician researchers to form mentorship teams. Mentorship teams consist of a primary and secondary mentor, each from one of our three main areas of research, as well as a clinical mentor. This unique training format exposes NeuralCODR fellows to innovative expertise and tools across a divide in related, but traditionally siloed, disciplines. Ultimately, the NeuralCODR program aims to foster a new generation of faculty members and scientists who are driven by innovative, collaborative, and clinically translatable research in the developing discipline of neural and organ control.

Name: (Last, First, MI)
Preferred name:
Degree:
Current Position title/Post-doctoral year:
Current Institution:
Current laboratory name:
Citizenship:
Visa type (if applicable):

1. Primary Mentor Name:

2. Primary Mentor’s area of research:

  - **Neural Development and Tools**: wherein laboratories utilize genetic models, stem cells, or neural organoids and neuromodulation to dissect the molecular pathways in glia and neurons that build the nervous system;
  - **Neural Innervation and Organ Engineering**: wherein laboratories share a common bioengineering approach to create organ model systems including bone, bowel, vascular, and tissue-level system for modeling or therapeutic resources;
  - **Nervous System and Peripheral Organ Disorders**: wherein laboratories develop and apply system-level models of nervous system and peripheral organ disorders, with a particular focus on the basis for disease or injury (e.g. musculoskeletal system, pain, neural trauma, and degenerative disease).
3. Secondary Mentor Name:

4. Secondary Mentor’s Area of Research (differs from primary mentor’s area of research):

- **Neural Development and Tools**: wherein laboratories utilize genetic models, stem cells, or neural organoids and neuromodulation to dissect the molecular pathways in glia and neurons that build the nervous system;
- **Neural Innervation and Organ Engineering**: wherein laboratories share a common bio-engineering approach to create organ model systems including bone, bowel, vascular, and tissue-level system for modeling or therapeutic resources;
- **Nervous System and Peripheral Organ Disorders**: wherein laboratories develop and apply system-level models of nervous system and peripheral organ disorders, with a particular focus on the basis for disease or injury (e.g. musculoskeletal system, pain, neural trauma, and degenerative disease).

5. Project Title:

6. Project Abstract (250 words):

7. Briefly, describe how your proposed project will help bridge the gap between the two, traditionally siloed, research fields and the potential impact this collaboration could have on the emerging field of neural and organ control (250 words):

8. How will acceptance to this training program impact your career trajectory (250 words):

Name: (Last, First, MI)
The NeuralCODR Fellowship program is currently seeking NIH funding and is required to report on the following applicant metrics. Your response to these questions will not impact your application and will not be forwarded to reviewers. This form will be viewed administratively and will be used for informational data reporting purposes only.

1. Gender:
   - Female
   - Male

2. Race: (“X” those with which you identify)
   - American Indian or Alaska native
   - Asian
   - Black or African-American
   - Native Hawaiian or Other Pacific Islander
   - White
   - More than one race

3. Ethnicity (“X” ONLY one with which you MOST CLOSELY identify):
   - Hispanic or Latino
   - Not Hispanic or Latino

4. Do you identify as an individual with a physical or mental impairment that substantially limits one or more major life activities as described in the Americans with Disabilities Act of 1990, as amended.
   - Yes
   - No

5. Do you identify as an individual from disadvantaged backgrounds, defined as those who meet two or more of the following criteria:
   - Yes
   - No
   - Were or currently are homeless, as defined by the McKinney-Vento Homeless Assistance Act (Definition: https://nche.ed.gov/mckinney-vento/)
   - Were or currently are in the foster care system, as defined by the Administration for Children and Families (Definition: https://www.acf.hhs.gov/cb/focus-areas/foster-care)
   - Were eligible for the Federal Free and Reduced Lunch Program for two or more years (Definition: https://www.fns.usda.gov/school-meals/income-eligibility-guidelines);
   - Have/had no parents or legal guardians who completed a bachelor’s degree (see https://nces.ed.gov/pubs2018/2018009.pdf);
   - Were or currently are eligible for Federal Pell grants (Definition: https://www2.ed.gov/programs/fpg/eligibility.html);
   - Received support from the Special Supplemental Nutrition Program for Women, Infants and Children (WIC) as a parent or child (Definition: https://www.fns.usda.gov/wic/wic-eligibility-requirements).
   - Grew up in one of the following areas: a) a U.S. rural area, as designated by the Health Resources and Services Administration (HRSA) Rural Health Grants Eligibility Analyzer, or b) a Centers for Medicare and Medicaid Services-designated Low-Income and Health Professional Shortage Areas (qualifying zip codes are included in the file). Only one of the two possibilities listed can be used as a criterion for the disadvantaged background definition.

Name: (Last, First, MI)