

CENTER FOR CELL PLASTICITY AND ORGAN DESIGN

REQUEST FOR APPLICATIONS

2022 CPOD EMERGING SCHOLAR FELLOWSHIP



Cell Plasticity | CPOD
Organ Design

Website: <https://medicine.umich.edu/dept/cell-plasticity-organ-design>

Purpose:

The CPOD Emerging Scholars Program has been established to support early-stage faculty or senior postdoctoral fellows transitioning to a faculty position. This is a competitive award (\$25,000 total over a 2-year period) that aims to provide mentoring for talented junior investigators working to develop an independent research program. The funds will allow emerging investigators to perform exploratory studies and/or generate new research models needed for their research program. In addition, a mentoring committee for each scholar will be established. The mentoring committee will advise the Emerging Scholar on research priorities and assist with the development of a grant proposal (R01, K01, etc.). This fellowship will give the scholar access to a broad base of CPOD Faculty to partner with to establish an independent research program.

Center Mission Statement:

The mission of the Center for Cell Plasticity and Organ Design is to unite interdisciplinary research efforts towards understanding the basic mechanisms by which organs and tissues are formed and maintained and to use this knowledge to regenerate or create replacement tissues and organs, improve stem cell therapies and effective organ transplantation systems that will correct acquired and genetic human disease. The following research focus areas have been defined:

- Stem Cell Biology
- Organ Development
- Tissue Engineering and Organ Regeneration/Replacement
- Organ Injury and Disease

Eligibility:

- The applicant must have a full-time faculty appointment at the University of Michigan or have an active full-time appointment by the time funding takes effect.
- Early-stage faculty or senior postdoctoral fellows transitioning to a faculty position.
- The research project must fit the goals of CPOD (see Mission Statement above).
- Scholar must commit to submitting an external career development award (e.g., K01, K08) or research grant (e.g., R01, R21).
- Scholar (or their mentor) does not have to be a CPOD Faculty Member.
- Those who have already received R or K type funding are not eligible for this fellowship.

Submission Requirements:

The application form can be downloaded from the CPOD website:

<https://medicine.umich.edu/dept/cpod/emerging-scholar-program>

Application Components:

- Specific Aims (1 page)
- Research Plan (2 pages, 11-point Arial font, single-spaced, 0.5-inch margins). The Research plan should describe the broad goals of the scholar's independent research program as well as the specific plan for the next 2 years.
- Figures/Tables (1 page; optional)
- References (no limit)
- Career Development Plan at the University of Michigan (1/2 page). This document should detail the applicant's current position and responsibilities (including amount of time dedicated for research), and future career plans at the University of Michigan. This section should make general comments about how the funds will be used to advance the immediate career goals of the applicant.
- List of specific grants (including grant deadlines) that will be applied for during the award period (1 page)
- Copies of relevant publications may be submitted as an appendix.
- Curriculum Vitae

Department Chair/Division Chief Letter:

- A brief assessment of scholar's strengths and areas of growth
- Details of the amount of time available for research
- Department/Division commitment to the development of the scholar as an independent scientist

Letter of Support from Primary Mentor:

- Discuss current relationship to the scholar
- A brief assessment of the scholar's strengths and career trajectory
- Explain how CPOD support will help the scholar's research and career development

Budget:

Funds may be used to support expenses that are directly related to the proposed research (e.g., research supplies, biomedical core fees, technical support, animal costs). Scholar salary support is not allowed. A detailed budget is not required for this application but general comments on how the funds will be used should be provided in the Career Development Plan section of the application.

Evaluation Criteria:

The criteria used to evaluate applications include: 1) past applicant accomplishments, 2) impact of the award on the applicant's career trajectory, 3) strength of the proposed research, 4) letters of support, 5) likelihood of successful competition for external grants, and 6) fit with the goals and mission of the Center for Cell Plasticity and Organ Design.

Application Deadline and Decision Timeline:

Applications are due by midnight on Friday, April 1, 2022, with a fellowship start date of July 1, 2022.

Send a single, combined PDF of your submission to organogenesis@umich.edu.

Letters of Support should be emailed separately to organogenesis@umich.edu.

For more information or questions, email: organogenesis@umich.edu.

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