

Women In Medicine and Science, Research Accelerator Program to Translate/Innovate/Commercialize WIMS-RAPTIC, a program of OSU WIMS <https://medicine.osu.edu/faculty/wims>

RAPTIC APPLICATION – FALL 2022 (for participation in 2023 cohort)

Program Mission: Given the documented setbacks to research productivity and advancement for women faculty due to the COVID-19 pandemic, as well as data indicating fewer women conduct research that leads to the intellectual property (IP)/commercialization pipeline, The Ohio State University College of Medicine (COM) Women in Medicine and Science (WIMS) is piloting a new research accelerator program that specifically targets research support within the COM as one goal to improve gender equity for academic faculty.

Program Goals: The goal of RAPTIC is to recruit faculty researchers from across the basic/translational/clinical research spectrum, at any career rank or academic track in the COM, to take part in a year-long cohort accelerator program. RAPTIC encourages interdisciplinary and discipline-spanning research and innovative research projects that lead to applications for human health and/or IP and commercialization. RAPTIC will build a professional network, provide training and resources, and engage in individualized and longitudinal coaching to ensure participant faculty significantly drive their research project toward measurable endpoints related to Translation, Innovation, and Commercialization by the completion of the program. RAPTIC will leverage existing internal programming, courses and resources, and will also connect participants to broader community partners related to the program mission, such as grant writing support, executive coaching, BioOhio, Rev1, or industry R&D. The program will also provide tailored and formalized assistance with any of the following, as relevant to the specific research project goals: licensing, spin-out company creation, IP submission, IRB submission, identification of external funding (including SBIR/STTR or internal Accelerator funds via Keenan), participation in federal programs (ie: I-CORP), or establishment of industry partners and sponsored research.

Target Participants: Given the reduced numbers of women faculty who participate in these activities, special recruitment attention will be given to targeting women faculty at 50% or more in each cohort. Childcare applications are available for faculty who need that support to attend programming.

COM Faculty (and 1-2 research team member participants per faculty applicant) are qualified applicants when their research meets the criteria of either:

- 1) TRACK 1: Translation/Innovation/Commercialization** Potential for moving toward innovative applications in translating to human health (moving along the translational→ clinical research spectrum) and/or IP/commercialization of a university-generated invention, or
- 2) Track 2: Translation/Innovation** Those seeking a new MD/PhD collaborative project, or a new research project for a clinician who has not begun a research program or previously participated in collaborative research.

Program Components:

- 1-2 meetings per month (rotating AM, mid-day, evening, weekend) for trainings and workshops (selected by participants from a menu related to the specific Accelerator goals); 30+ opportunities will be offered by local partners and WIMS new curriculum content in the menu, with participants expected to attend at least 15 events across the 2023 year.
- 2 meetings per month (one in person) for 30min with coaching team (scheduled individually for each researcher and coaching team) to provide check-ins, goal setting, match-making, resource allocation, etc. (& regular Slack program communication)
- Every two years, program participants will gather for a formal Showcase event, with short presentations on Accelerator research outcomes.
- Completion of RAPTIC evaluations and a final survey.
- Ability to apply for supplemental seed funds for research, or childcare funds, via WIMS RAPTIC budget.

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Lead Research Applicant:

Name:

Degree(s):

Title:

Department/Division:

Are you currently a college of medicine faculty at OSU? (Y/N)

Academic track (ie: research, clinical, tenure-track, associated?):

Please briefly describe your research program, which track you are applying to (see Track 1 and Track 2 descriptions on prior page), and how your proposed project fits within the RAPTIC goals (200 words or less):

How would participation in this one-year program accelerate your research progress?

How would your participation in this one-year program improve equity for you as faculty in the college of medicine?

Based on the time commitments listed above, would you be able to complete the required trainings/workshops and coaching meetings as required by the program?

If selected, do you agree to complete monthly feedback questionnaires and a final survey, so WIMS can track the progress of this pilot program?

If selected, do you have 1-2 members of a research project team who would participate with you in workshops/trainings (*note: team members do not typically participate in coaching sessions with the Lead Research Applicant*)? If yes, please name them and describe their role in the project.

Please send your CV and completed application form to WIMS@osumc.edu by **December 1st**. Email subject line: RAPTIC application