

## Research Accelerator Program to Translate/Innovate/Commercialize (RAPTIC)

### RAPTIC PROGRAM PARTICIPANT APPLICATION

(for faculty in any Ohio State college; must be doing innovation research in the health/medical/biomed space)

**RAPTIC Program Mission:** Facilitate and accelerate progress in translational and clinical research at Ohio State by increasing awareness of and access to key resources and training, to identify and realize innovative ideas with applications that can be protected by intellectual property (IP), funded, commercialized, and implemented in healthcare or biomedical settings. <https://ctsi.osu.edu/career-development/raptic>

#### Short-Term Goals:

- Faculty recruitment, retention, job satisfaction, improved equity in promotion and tenure (P&T)
- Support more 'projects' turning into 'products' at Ohio State
- Connect faculty and their research teams to resources and information that enable the innovation pathway for more participants
- Encourage cross-campus collaborations and peer support
- Accelerate research progress and success for faculty innovators

#### Longer-Term Goals:

- Improved metrics for faculty research, IP, licensing, innovation grants, retention, participation, and reported research satisfaction, that together lead to a higher return on investment for individual colleges through existing fiscal workflows on campus that return indirects, license revenue, industry co-development opportunities, and more.

**Brief Program History and Rationale:** RAPTIC was created in 2022 by Kristy Townsend, Ph.D., then Director of Women in Medicine and Science (WIMS, now Widening Impact in Medicine and Science) in the Ohio State College of Medicine. RAPTIC was developed to support equity in research and IP/commercialization work, by providing a framework of: 1) peer-trained research coaches to enable support and accountability that accelerates progress and success for faculty research programs, and 2) custom learning content generated with RAPTIC and its partners to fill gaps in research, innovation, IP, and commercialization trainings and resource dissemination. RAPTIC ran in 2023 (pilot cohort) and 2024 across two faculty cohorts with COM and NCH, with the co-leadership of Dr. Carolyn Presley. We expanded to faculty and their research teams working in health, medicine and biomedical/bioengineering fields across the university in 2025, in partnership with Health Science Innovation (HSI)/ERIK (Dr. Paco Herson), the Clinical and Translational Science Institute (CTSI; Dr. Julie Johnson), Wexner Medical Center, and other strategic partners.

**Submission Instructions:** We will notify faculty of their acceptance or deferral in July, with the Kick-Off event on Sept 14, 2026 from 2-5pm in person in EAIC. Please mark and hold your calendar for each monthly learning session (see 2026-7 dates on the calendar on our website) and 1:1/team coaching sessions (scheduled on acceptance), which are required program components. Individual coaching will be scheduled in August after completion of a coach:coachee signed agreement

**Email completed application forms, or any questions** about RAPTIC, to the Program Founder/Head Dr. Kristy Townsend [kristy.townsend@osumc.edu](mailto:kristy.townsend@osumc.edu) as a single PDF with your current CV or NIH-style biosketch.

Please use the email subject line: **RAPTIC application**. Applications will be reviewed by program leadership and RAPTIC advisors using a pre-established rubric.

Faculty apply to participate in one year-long program phase, based on their innovation research stage:

- **Phase 1: Translational and Clinical Research – Ideas to Innovation.** Faculty are supported to accelerate, strengthen, and improve strategy in their research programs, with an eye toward translation, ideation, and innovation. This phase is particularly useful for early-career faculty, those changing research fields or looking to innovate, and clinicians starting research projects.
- **Phase 2: Translating Projects to Products and Protecting IP.** Faculty who have identified potential innovative intellectual property (IP) are guided through the process of protection, customer discovery, market assessments, competitive advantage, and more.
- **Phase 3: Commercialization and Implementation.** Faculty continue to hone and de-risk their IP-protected technologies, with the goal to form a spin-out, license the IP, proceed through regulatory strategies, generate a go-to-market plan, and/or continue product development and refinement.

#### **Program Components Across All 3 Phases:**

- **1 Learning Session per month (Sept-May)** - Trainings and workshops offered monthly (see 2026-27 calendar on our website), with 1.5hrs of formal training followed by 1.5hrs of individualized feedback from expert presenters/facilitators. Materials will be made available on the RAPTIC Teams site. In person meetings only.
- **Phase 1 only: Coaching Sessions (monthly, alternating 1:1 and small group every other month)** with a trained, compensated peer Research Coach. Every-other-month are group cohort coaching sessions by Phase, and every-other-month are 1:1 coach sessions. All coaches receive formal Research Coach training via Rodetal, are paid by RAPTIC, sign a coach:coachee agreement, and share resources on a Padlet site. Coaching is distinct from training, supervision, mentorship or sponsorship, and the coaching relationship is designed for participants to significantly accelerate their innovation project across the cohort year.
- **Phase 2 only (optional): 1:1 coaching sessions (up to 3 sessions, 1.5hr each, in person)**
- **Kick-off event** in early September, with a **meet-and-greet Parade of Innovation Resources** from around campus and regionally in the community.
- **Completion of RAPTIC** evaluations and surveys, including in the years following completion of the program, to track innovation-related outcomes and to obtain participant feedback for program improvements. 2 Surveys during the program, with 1, 3, and 5-year follow-up surveys – all required.
- **Resources:** RAPTIC handbook (printed, digital), RAPTIC materials, resource books (differ by program Phase), Teams channel for file sharing, Padlet for coaching documents.
- **Ability to apply** for supplemental seed funds for innovation research (call will be made in January 2027 through an internal application form for RAPTIC participants), to be spent by December 2027.
- **Certificate of Completion – need to attend all but one (excused) learning/coaching session**
- **Peer Networking** – opportunities to meet faculty peers across campus, to develop a support network, collaborators, mentors, and more.
- **Every two years**, program participants will gather for a formal Showcase and Pitch Competition event in August, with short presentations ('pitches') on RAPTIC or innovation research outcomes and available prize monies.

## RAPTIC APPLICATION – FY27 Cohort

Research Faculty Applicant:

Name:

Degree(s):

OSU Title(s):

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

College:

Department/Division (if applicable):

Are you currently a faculty at OSU with dedicated research time? (Y/N)

Please briefly describe your research program, which innovation Phase you are applying to (see descriptions of Phases 1, 2, & 3 on prior page), and how your proposed project fits within the RAPTIC goals for that Phase (200 words or less):

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

Based on the time commitments listed above, would you be able to complete the required monthly trainings/workshops ('Learning Sessions') and coaching sessions as required by the program?

If selected, do you agree to complete feedback questionnaires and surveys, so we can track the progress of this program?

Are you familiar with Research Coaching (a subset of Executive Coaching) or have you been involved in a professional coaching relationship in the past?