

WASHINGTON UNIVERSITY SCHOOL OF MEDICINE
EXPLORE CURRICULUM – RESEARCH PATHWAY LEAD

EXPLORE is a longitudinal elective curriculum that provides Washington University medical students with the professional identity, knowledge, and skills necessary to support their development as future academic leaders. Building on our strong tradition and strengths in career development for physician scientists, EXPLORE creates and supports longitudinal career development training and opportunities in **Research, Education, Innovation, and Advocacy/Global Health**. The EXPLORE Curriculum is incorporated across multiple courses and academic years and includes exposure to role models in various careers in academic medicine, knowledge and skill building in academic medicine, and opportunities to explore academic careers through experiential activities. The EXPLORE Pathway Leads, along with the EXPLORE Director, create the vision for and provide the leadership necessary to develop, implement, and continuously improve student opportunities in academic career pathways in education, research, advocacy/global health, and innovation. EXPLORE Pathway Leads work closely with each other, with the EXPLORE Director, and with existing programs in global health, entrepreneurship, research, student leadership, and career training, including certificate and degree granting programs across Washington University, to build a career development curriculum and opportunities for medical students.

This is a **0.2 FTE position** to co-lead the Research Pathway of the EXPLORE Curriculum. Specific duties include (in close collaboration with the EXPLORE team, module and clerkships directors when applicable):

Design

- In collaboration with the curriculum committees and student programs, and with approval of the Committee on the Oversight of Medical Student Education (COMSE), determine the appropriate content, learning objectives (knowledge, skills, behaviors), learning/teaching methods, and assessment tools for the EXPLORE Curriculum. The Research Pathway Lead will have primary responsibility, with the Research co-lead, for designing curricula for the Research Pathway. The Lead will also work in collaboration with other EXPLORE Pathway Leads and the EXPLORE Director on curricula for the EXPLORE Curriculum as a whole.
- Ensure adoption of best practices in all areas of curriculum and program design, delivery, and assessment.
- Ensure robust vertical and horizontal curricular integration throughout all phases of the curriculum via collaboration with Office of Medical Student Affairs (OMSA), Office of Medical Student Education (OMSE), and Office of Medical Student Research (OMSR) and under the oversight of COMSE.
- Work with the EXPLORE team to ensure consistency/equivalence of learning objectives, experiences, and assessment/expectations across all pathways of EXPLORE.

Implementation

Teaching Faculty/Instructors

- Where needed, recruit appropriate teaching and mentoring faculty for delivery and facilitation of educational experiences.
- In collaboration with OMSE administrative staff, ensure all teaching faculty are included in the system of record, allowing for evaluation of teaching and accurate accounting in annual teaching effort reports provided to home departments.
- Ensure all individuals participating in a teaching activity are familiar with the plans for the EXPLORE Curriculum and understand where the activity fits within the broader curriculum.
- In close collaboration with the Program Evaluation/Continuous Quality Improve (PECQI) Unit, evaluate teaching faculty and systematically review, provide timely feedback, and share student evaluation data with individual teaching faculty and the department chair(s).
- Identify teaching faculty requiring faculty development and work closely with that individual to encourage ongoing quality improvement. When necessary, arrange for additional development opportunities offered through Office of Education (OE) or other resources.

Students

- Ensure students are aware of and understand learning goals, outcome measures, and all guidelines and policies for the EXPLORE Research Pathway.
- Maintain regular communication with the appropriate Medical Student Government (MSG) representatives and respond promptly to their and other student correspondence.
- Within the context of WUSM/ OE policies and guidelines, set clear expectations for student performance, ensuring performance expectations are consistent across the pathways of EXPLORE.

Assessments

- Contribute to the development and implementation of a program of assessment for attainment of distinctions and dual degree achievement as relevant to the EXPLORE Research Pathway.
- Ensure alignment between curriculum objectives and assessment.
- Ensure all students receive formative feedback by at least the mid-point of each curricular milestone developed.
- Per WUSM/OMSE policies, rules, and guidelines, return all assessment results to students in a timely manner to support student learning and ongoing development.

General Administration

- Ensure adherence to all guidelines and policies as developed by curriculum committees and WUSM leadership.
- Ensure a professional learning climate for both teaching faculty and students.
- Develop, create, deliver, and facilitate education experiences for students, including the Phase 1 EXPLORE Immersion and Phase 3 electives.
- In close collaboration with OMSE administrative staff and the EXPLORE team, ensure syllabi, course materials, schedules, small group rosters (if applicable), and other content are current, of high quality, posted in a timely manner, and reflect the educational objectives and desired content being delivered.
- Actively participate in the development and maintenance of a curriculum map that includes goals, learning objectives, content, educational strategies, and assessments.
- Meet annually with the EXPLORE Director or designee to report progress in the curriculum and receive a performance evaluation based on the responsibilities described in this document.
- Create and maintain a support system and tracking mechanism for student research activities associated with the EXPLORE Research Pathway, including the Year-Long Research Program.

Continuous Improvement and Innovation

- Assume primary responsibility for developing and maintaining a vision for the short- and long-term development and implementation of the EXPLORE Research Pathway Curriculum.
- Working with the PECQI Unit, track, monitor, assess, and identify areas for improvement in the curriculum with the goal of continuous quality improvement, or as dictated by the curriculum oversight bodies, and develop an improvement plan when necessary.
- Communicate improvement plans to oversight bodies, teaching faculty, and students in a timely manner.
- Modify existing or develop new curricula and methods of delivery based on needs, changing Liaison Committee on Medical Education (LCME) requirements, and as charged by curriculum oversight bodies.

Leadership and Service

- Demonstrate and cultivate educational leadership in the curriculum and broader educational community.
- Serve on curriculum committees and attend scheduled meetings and retreats.
- As requested, assume leadership roles in WUSM educational endeavors or serve as a leader in additional education committees or workgroups.
- Remain informed of trends and practices in medical education, pedagogy, technology, and administration.
- Develop and promote scholarship in your area of leadership.

Interested faculty should submit a CV and statement of interest to Roz Robinson at robinsonrb@wustl.edu no later than October 31, 2024. Further questions about EXPLORE can be directed to the EXPLORE Director, Terrance Kummer, MD, PhD, at kummert@wustl.edu.