About the Program

The UI Carver College of Medicine’s Physician Scientist Training Pathway (PSTP) streamlines postgraduate training and fosters the early career development of physician scientists who are the future leaders of academic medicine. Our program integrates residency training, clinical fellowship, and basic or clinical postdoctoral research training to help you transition to your first faculty position.

The training plan is individualized according to your career goals and the requirements for board eligibility in your chosen specialty. Our current trainees are in nine different residencies, and they learn from one another in both formal and informal settings. Our alumni have built careers at the University of Iowa and many of the top academic medical institutions across the country.

Program Structure

Our program recognizes that your postgraduate training objectives and career goals are unique. To develop an individualized training plan, a PSTP career mentor will meet with you regularly to help you make decisions regarding elective clinical rotations, subspecialty fellowship, postdoctoral research mentor, and additional training.

The PTSP program also includes:

- Career mentorship
- Individualized training for physician-scientists in accredited residency and fellowship programs
- Option of research pathways of residency and subspecialty fellowship training in accordance with established criteria for board eligibility
- Flexibility in clinical rotations and research training
- Expansive range of training opportunities in basic or clinical research
- Supplemental stipend for salary and academic allowance

Additionally, trainees in the PSTP are invited to take part in career enrichment programs. Through these activities, you will become a member of a large community of physician scientists at the University of Iowa. Some of our programs include:

- Survival Skills for a Research Career
- Medical Scientist Training Program Grand Rounds
- Conversations in Research and Career Advancement Topics
- Monthly PSTP Seminars

Why Iowa?

Well-Established Program

This well-established program is designed to train the next generation of leaders in academic medicine, and Iowa’s PSTP is unique in the breadth of clinical programs and research opportunities it offers.

Encouraging Environment

We have created an environment that encourages our researchers to discover, inspire, and innovate.

Work With Top Medical Experts

You work and learn with some of the world’s top medical experts in state-of-the-art facilities.

Excellence Through Diversity

The University of Iowa’s status as a premier research university depends on the robust exchange of ideas. The diversity of our students, faculty, and staff helps us fulfill our mission to explore, discover, create, and engage. We are committed to supporting every person’s pursuit of excellence. As we enhance the breadth and depth of our perspectives, we purposefully prepare for our future. At the University of Iowa, we achieve excellence through diversity, equity, and inclusion and foster an environment where all members of the University of Iowa community—students, faculty, postdoctoral scholars, staff, residents, and fellows—feel welcome.
**Training Environment**

The research enterprise of the Carver College of Medicine is ambitious and robust. The college received over $250 million in external funding in 2021 and ranks 13th nationally among public medical schools. Researchers in the Carver College of Medicine’s 250+ laboratories work in state-of-the-art core research facilities.

Much of the research conducted at the college is interdisciplinary and collaborations are fostered through core research facilities, institutes, major research centers, and programs.

Our health sciences campus is made up of modern buildings designed to change as knowledge and methods evolve, and it includes pedestrian-friendly commons and a functional and stimulating environment for students, faculty, and staff.

**Eligibility**

The Multidisciplinary PSTP is designed primarily for physicians applying to residency programs at the University of Iowa who have both MD and PhD degrees. Applicants who have not completed a PhD degree and have a record of outstanding basic or clinical research experience may also be considered.

**Application Process**

PSTP candidates apply to categorical residency programs at the UI Carver College of Medicine.

A supplemental PSTP application is submitted at the same time and available at: [medicine.uiowa.edu/pstp](http://medicine.uiowa.edu/pstp)

**Financial Support**

An academic allowance—for journals, conference travel, research supplies, or other academic expenses—is provided to PSTP trainees each year. Supplemental salary and benefits may also be provided during the research training years.

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**Participating Departments**

- Dermatology
- Emergency Medicine
- Internal Medicine
- Neurology, Clinical Neuroscientist
- Obstetrics and Gynecology
- Pathology
- Pediatrics
- Psychiatry
- Radiation Oncology

Other departments are considered on an individual basis.

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