

## Faculty Physician Scientist Pipeline Program Application Process

**March 15<sup>th</sup>**

**April 15<sup>th</sup>**

**July 1<sup>st</sup>**

Phase I Application deadline

Full Proposal Application deadline

Proposed Start Date

### MISSION:

The mission of the Dean's Faculty Physician Scientist Pipeline Program is to prepare physician-scientists to pursue independent research careers focused on translating research evidence into improved patient care.

Exceptional junior faculty pursuing an academic career as a physician scientist are invited to submit an application for Tulane's Faculty Physician-Scientist Pipeline Program. The purpose of the Faculty Physician Scientist Pipeline Program is to foster career development of early-stage physicians and increase the number of highly qualified, competent, and clinically trained scientists with interests ranging from basic to translational and clinically oriented research at Tulane School of Medicine.

The Faculty PSPP Scholars will be supported **for a period of up to two years** (with annual review). The **SOM Dean's office provides salary support up to \$100K/Scholar/Year to protect 50% effort for research** and **Department Chairs commit up to \$25,000/year to support research-related expenditures**, including but not limited to research supplies, technical support, professional meeting expenses and related travel to present research. These resources facilitate the development and participation of high-quality research that are intended to lead to research independence and enhanced patient care. Areas of special interest include, but are not limited to, cardiometabolic diseases, pulmonary diseases, aging, and cancer across the lifespan, race, sex, and gender. **Selected candidates must commit a minimum of 50% effort/year to research and career development as a PSPP Scholar.** Scholars who successfully attain a K award (or equivalent) or R01 (or equivalent) as the PI automatically graduate from the program.

### PROCESS AND KEY DATES:

**March 15<sup>th</sup>** – Deadline to submit Phase I Application to Office of Faculty Affairs.

The selection committee will invite selected applicants to submit a full proposal.

**April 15<sup>th</sup>** – Deadline for Full Proposal.

**July 1<sup>st</sup>** – Projected start date.

### PROGRAM COMPONENTS

- Mentored Research Training – Multidisciplinary mentored research training is the backbone of the program and fundamental to successful career development. PSPP Scholars are expected to conduct high quality research, present abstracts at scientific and professional meetings, publish results in high quality peer-reviewed journals, and submit grant applications to secure extramural support for research (e.g. foundations, K-awards, COBRE pilots/RPL, R awards).
- Didactic Training – Scholars are strongly encouraged to participate in a combination of courses, workshops and seminars to address specific training goals tailored to their background, experience, career objectives and interests (e.g., departmental seminars, Career Development (CD) Club, COBRE seminars, school and university-sponsored training such as the Grant Writing Seminars and Workshops)
- Career Development – Each Scholar's Career Development Plan will be individualized depending on their research interests, earlier training, education, and goals. All Scholars, in collaboration with their mentor team, will formulate an interdisciplinary research plan addressing ***appropriate goals, measures of success,***

## Faculty Physician Scientist Pipeline Program Application Process

**and timeline.** The Career Development Plan will be updated on an annual basis. Scholars will be expected to write peer-reviewed publications, present at scientific meetings, and submit scholar-initiated research proposals to extramural funding agencies.

### ELIGIBILITY:

Applicants must be physicians (MD, DO). Applicants must be early career, full-time faculty with the Tulane School of Medicine (e.g., not PI on current RO1 or equivalent grant), or have an offer letter for a faculty appointment starting on or before July 1<sup>st</sup> in the year to which they are applying. Applicants must demonstrate a commitment to research training and career development.

### SELECTION CRITERIA:

1. Prior Experience - Areas of expertise and prior training, publications, funded grants, written product(s) submitted.
2. Research Focus -significance of the topic, alignment with the department/school goals, clinical relevance, feasibility of research plan.
3. Mentor and Training Plan - Quality and alignment of proposed mentors and plan for additional didactic and other training to achieve research goals.
4. Career Trajectory - Likelihood that applicant will develop a career as an outstanding investigator who will lead multidisciplinary teams and have potential to obtain independent research funding and leadership in their field.

### PHASE I APPLICATION (MARCH 15<sup>TH</sup>):

Applicants can download the application [here](#).

Complete Phase I Application, which includes:

1. Applicant's name and contact information,
2. names and affiliations of proposed mentors,
3. outline of research interests and career development goals, and
4. Applicant's current CV

### FULL PROPOSAL (APRIL 15<sup>TH</sup>):

For those invited to submit a Full Proposal, the application requirements include

1. Applicant's current NIH biosketch
2. Proposed Mentor(s) current NIH biosketch/CV
3. Description of the proposed research and outline of career development goals (2-3 pages)
4. Letter of support from Department Chair including commitment to support 50% protected time for Scholar's research and to provide support for up to \$25,000/year for career development, research, and training expenses
5. Mentoring plan co-signed by the department chair and candidate
6. 2 letters of support (current or former mentors)

### CONTACT:

**Tonette Krousel-Wood, MD** ([mawood@tulane.edu](mailto:mawood@tulane.edu)) for questions re eligibility and program components.  
**Wendy Stark** ([wstark@tulane.edu](mailto:wstark@tulane.edu)) or 504-988-5327 for questions re application logistics