Stony Brook University Scholars in BioMedical Sciences (SBU SBMS)

Program Director(s):
Styliani-Anna (Stella) Tsirka, PhD, Director
Vincent Yang, MD, Ph.D., Clinical co-Director

Program Administrator:
Odalis Hernández

Degree:
Graduate Certificate Scholars in Biomedical Sciences

Website:
https://medicine.stonybrookmedicine.edu/sbms

Scholars in BioMedical Sciences

The purpose of this NIH-T32-supported track is to engage graduate students in translational medicine. Trainees enter this one one-year program during their second or third year of graduate studies (after their thesis project has been proposed) in one of Stony Brook University’s PhD granting programs and remain in the track beyond the program’s structured year and until graduation. Trainees will receive a certificate naming them Scholars in Biomedical Sciences (SBS) upon completion of the program.

The SBMS Program considers all candidates equally, regardless of state of residence, and particularly encourages applications from women, individuals with disabilities, and members of racial and/or ethnic groups currently under-represented in biomedical science.

Admission Requirements

Application Requirements: The application is completed once the application form (submitted online) and the letters of support (submitted via email) are received.

Application Form: https://forms.gle/YKcstKuZ3RJ5FMzu9

• Student: CV and a 2-page description of their intended translational research project and career goals. Typically, this project will amount to at least one specific aim of the student’s Ph.D. research.
• Ph.D. Mentor: NIH Biosketch and support letter (up to 1-page) describing how the proposed project will prepare the student to interface with clinicians in their research and the mentor’s commitment to the requirements of the track.
• Clinical co-Mentor: NIH Biosketch and letter describing relationship to the Ph.D. mentor and the research project and commitment to provide the student with appropriate clinical exposure. A short (up to 1-page) description of the clinical experiences intended for the student must be described. The clinical co-Mentor is encouraged to remain as a member of the student’s research advisory committee for the duration of the student’s Ph.D. research.
• Letter of recommendation from the Graduate Program Director. Letter must assess student's progress in their respective program.

Application Deadline: Mid June 10th- Applications will be evaluated by the end of Junewithin the month, and the selected students/teams finalized by June 30th.

Please submit applications electronically to Ms Odalis Hernandez at odalis.hernandez@stonybrook.edu (link sends e-mail) (link sends e-mail).

Funding of the awarded proposals: For the 2021-2022 year, 5-7 students are expected to be selected for the program. They will be partially supported for one calendar year. The funds typically provide a 10% increase to the stipend of the graduate student, cover tuition and fees, and facilitate some training-related expenses.

Degree Requirements

Students must be in academic good standing, preferably entering their second or third year in one of our PhD-granting programs and pursuing a dissertation project in translational research. A clinical co-mentor is required.

Course work:
- HBP 511: Pathobiology
- HBB 550: Statistics in the Life Sciences
- HBB/MCR 549: Module: Legal, Ethical and Regulatory Issues in Medical Research
- HPH 566: Clinical Trials
- MCR 684: Writing a Research Proposal (or equivalent qualifier/scientific writing course)
- MCR 692: Research in Progress (or equivalent research course in their PhD program)
- MCR 501: Selected Topics in Translational Research
- MST 502: Monthly Clinical Seminar Series
- SBMS Lunch Presentations (Once a month)
- Clinical Exposure (in consultation with clinical mentor)
- Grand Rounds (in consultation with clinical mentor)
- Annual Translational Medicine Symposium

** The students are encouraged to undertake a multi-year clinical exposure with their co-mentor that is relevant to their research project.

Faculty

Faculty Mentors: Two faculty mentors are required: a clinical and a basic science mentor, traditionally the student’s PhD advisor and an appropriate clinical co-mentor.

This partial list below is comprised of clinical faculty that have expressed interest in participating as clinical mentors for the program, however, mentors may be added in the future.

**Clinical Mentors**
- Adler, Howard L (Urology)
- Aroniadis, Olga (Medicine)
- Awadallah, Morad (Surgery)
- Badalamente, Marie (*Orthopedics)
- Bao, Philip (Surgery)
- Beneri, Christy (Pediatrics)
- Bilfinger, Tom (Surgery)
- Bindra, TJ (Neurology)
- Bloom, Michelle (Medicine)
- Bucobo, Juan Carlos (Medicine)
- Bui, Duc (Surgery)
- Buscaglia, Jonathan (Medicine)
- Carlson, Hal (Medicine)
- Caso, Giuseppe (Surgery)
- Chan, Ed (Pediatrics)
- Charitou, Marina (Medicine)
- Chawla, Anupama (Pediatrics)
- Cohen, Jules (Medicine)
- Coyle, PK (Neurology)
- Denoya, Paula (Surgery)
- Donarummo, Laura (Neurology)
- Ferreti, John (Radiology*)
- Fiorello, David (Neurosurgery)
- Fries, Bettina (Medicine)
- Galvin-Parton, Patricia (Pediatrics)
- Gelato, Marie (Medicine)
- Gerber, Oded (Neurology)
- Guido, Michael (Neurology)
- Gupta, Sandeep (Surgery)
- Gursoy, Nurcan (Neurology)
- Gutman, Frederick (Neurosurgery)
- Harrington, Donald P. (Radiology)
- Hogan, Laura (Pediatrics)
- Huston, Tara (Surgery)
- Keresztes, Roger (Medicine)
- Khan, Fazel (Orthopedics)
- Kowalska, Agnes (Neurology)
- Kravets, Igor (Medicine)
- Ksovreli, Olena (Medicine)
- Kudelka, Andrzej (Medicine)
- Labropoulos, Nicos (Surgery)
- Lascarides, Chris (Medicine)
- Lawson, William (Medicine)
- Lebowitz, Brian (Neurology)
- Li, Ellen (Medicine)
- Loh, Shang (Surgery)
- Luft, Benjamin (Medicine)
- Manganas, Lou (Neurology)
- McLarty, Allison (Surgery)
- Miller-Horn, Jill (Neurology)
- Moore, William (Radiology)
- Nachman, Sharon (Pediatrics)
- Nagula, Satish (Medicine)
- Nicholson, James (Orthopedics)
- Nielsen, James (Pediatrics)
• Orfanelli, Theofano (ObGyn)
• Paci, James (Orthopedics)
• Pameijer, Colette (Cancer)
• Penna, James (Orthopedics)
• Perkins, Candice (Neurology)
• Poon, Michael (Radiology)
• Prakash, Devina (Pediatrics)
• Preston, Thomas (Neurology/Neurosurgery/Psychiatry)
• Pryor, Aurora (Surgery)
• Rajapakse, Ramona (Medicine)
• Rashba, Eric (Medicine)
• Rizk, Christine (Surgery)
• Samara, Ghassan Joseph (Surgery)
• Schuster, Michael (Medicine)
• Seifert, Frank (Surgery)
• Shroyer, Laurie (Surgery*)
• Skopicki, Hal (Medicine)
• Spiegel, Rebecca (Neurology)
• Spinner, Warren (Neurology)
• Tassopoulos, Apostolos (Surgery)
• Vosswinkel, James (Surgery)
• Wu, Shenhong (Medicine)
• Yang, Vincent (Medicine*)

NOTE: The course descriptions for this program can be found in the corresponding program PDF or at COURSE SEARCH.