GHUCCTS
Georgetown-Howard Universities
Center for Clinical and Translational Science

GHUCCTS Announces 2021-2022 Translational Biomedical Science (TBS) Program Scholars

The [Georgetown-Howard Universities Center for Clinical and Translational Science](#) (GHUCCTS) is proud to introduce our 2021-2022 [Translational Biomedical Science (TBS) program scholars](#).

The goal of the TBS program is to prepare pre-doctoral students and post-doctoral fellows (MDs and PhDs) to serve as the critical link in advancing the translation of basic science into improved outcomes for health, aging and disease. The primary aim of the TBS program is to provide the training necessary for scientists to become the next generation of leaders in translational biomedical research. Emphasis is placed on teaching trainees how to build interdisciplinary collaborative research programs by providing them with dual mentored training experiences in preclinical and clinical research. The TBS Program leverages the rich partnerships that GHUCCTS has established among Georgetown University Medical Center (GUMC), Howard University College of Medicine (HUCM), MedStar Health Research Institute (MHRI), the Washington, D.C. Veterans Affairs Medical Center (DC VAMC) and Oak Ridge National Laboratory (ORNL).

PRE-DOCTORAL STUDENTS:

Gregory T. Gallanis is a MD-PhD candidate in the Georgetown University Department of Oncology. His TL1 project will study the impact of CDK4/6 inhibitor-induced cellular senescence on stromal responses to metastatic breast cancer. His mentors are Anna T. Riegel, PhD, Anton Wellstein, MD, PhD, Marc Lippman, MD with the Department of Oncology, at Georgetown University.

Jalisa T. Nurse is a PhD candidate in the Howard University Department of Biology. Her TL1 project looks at the post-transcriptional regulatory processes in E. coli: regulation and function of sRNAs and RNA modifications. Her mentors are Karl M. Thompson, PhD and Jhansi Gajjala, MD at Howard University.

Devin Palmer is a PhD candidate in the Georgetown University Interdisciplinary Program in Neuroscience. His TL1 project explores targeting the Tectopontine Pathway to Monitor and Control Seizures. His mentors are Patrick Forcelli, PhD at Georgetown University and Gholam Motamedi, MD at Tehran University of Medical Sciences.

Joseph I. Aubee is a PhD candidate in the Howard University Department of Microbiology. His TL1 project explores the regulation and function of the i6A37 tRNA modification. His mentors are Karl M. Thompson, PhD and Jhansi Gajjala, MD at Howard University.

Collis Brown is a PhD candidate in the Howard University Department of Pharmacology. Her TL1 project is to investigate the potential drug therapy for fragile X tremor/ataxia syndrome. Her mentors are Tamaro Hudson, PhD and Sonya K Sobrian, PhD at Howard University.

Plamen Nikolov is a PhD candidate in the Georgetown University Interdisciplinary Program in Neuroscience. His TL1 project explores internal models in speech production under the mentorship of Maximilian Riesenhuber, PhD and Peter Turkeltaub, MD/PhD at Georgetown University.

Alison Schug is a PhD candidate in the Georgetown University Interdisciplinary Program in Neuroscience. Her TL1 project includes the neuroanatomical and functional effects of bilingualism on dyslexia. Her mentors are Guinevere Eden, D.Phil. at Georgetown University and Nasheed Jamal, MD at UCLA.

POST-DOCTORAL FELLOWS:

Branka Stanic, MD is a post-doctoral fellow at Georgetown University. Her TL1 project investigates the protective effects of angiotensin type 1 receptor antagonists in a model of cognitive dysfunction and anxiety-like behavior induced by sudden ovarian hormone loss. Her mentors are Kathryn Sandberg, PhD, Juan Saavedra, MD at Georgetown University, and Dexter L. Lee, PhD at Howard University.

Christina X. Marea, PhD, MSN, MA, CNM is a post-doctoral fellow at Georgetown University. Her TL1 project explores Postpartum Health Disparities. Her mentor is Alejandra Hurtado de Mendoza, PhD at Georgetown University.

Alexander Brunfeldt, PhD is a post-doctoral fellow at Georgetown University. His TL1 project focuses on the neurophysiological correlates of upper-extremity impairment and recovery in stroke survivors. His mentors are Barbara Bregman, PT, PhD at Georgetown University and Peter Lum, PhD at The Catholic University of America.

For more information on our new and past scholars, please visit the TBS website.