

# **Boston Children's Hospital Rosamund Stone Zander Translational Neuroscience Center RSZ TNC Fellowship Program**

## **Our Mission**

Advances in our understanding of the nervous system have created stunning opportunities to tackle pediatric diseases that once seemed completely resistant to therapy. Clinical trials for genetic diseases associated with autism spectrum disorders, epilepsy, neuromuscular disorders and childhood brain tumors are pushing the boundaries of pediatric medicine. Yet just when the promise is greatest, the number of trained scientists capable of working at the interface of basic science and medicine is dwindling.

The mission of the Rosamund Stone Zander Translational Neuroscience Center (RSZ TNC) is to improve the lives of children with brain disorders by fostering timely and efficient translational research based on core principles of scientific rigor, collaboration, transparency, objectivity, diversity, equity, inclusion, belonging, and access. Recognizing every individual's uniqueness, community, and contributions, we promote a transformative research community that respects, values, and supports all people.

## **About the RSZ TNC Fellowship Program**

To develop the next generation of translational scientists, the RSZ TNC has developed a post-doctoral training program focused on translational research in childhood brain disorders. Fellows will pursue translational research projects designed to facilitate the development of novel therapeutics, leveraging the depth and breadth of the expertise within the RSZ TNC through mentoring by clinicians and researchers with expertise spanning the process of translational research. To support research efforts, the RSZ TNC hosts a set of cores with expertise in iPSC derived neuronal modelling, animal and clinical neurophysiology, translational genomics, medicinal chemistry and clinical research. The goal of the program is to further therapeutic development and train scientists to conduct independent translational research.

The RSZ TNC Fellows will be selected from PhD, MD or MD/PhD applications received by the annual deadline. Fellows will hold up to a two-year joint appointment at BCH and would have access to the resources of the Hospital as well as the Harvard Medical School and neighboring affiliated institutions. Each Fellow will have a faculty mentor and a dedicated research project at the interface of science and medicine in an appropriate BCH laboratory. The Fellows may also spend time in multidisciplinary clinics, participate in preclinical research activities, attend seminars and working group meetings, and participate in other educational activities in the BCH/Harvard Medical School community that are relevant to their personal research goals and future as a leader in translational neuroscience.



## How to Apply

Applications should be submitted by **February 15, 2023**. They should consist of one pdf, with the following documents listed below, submitted via email to [tnc@childrens.harvard.edu](mailto:tnc@childrens.harvard.edu) with the subject "RSZ TNC Fellowship Application":

- Applicant's CV
- Applicant's statement (maximum total of 4 pages) about research interest and/or proposed project plan. The statement should also include:
  - An explanation of why the applicant has chosen this particular training program
  - A Career Plan, such as the new or enhanced skills and knowledge to be acquired as a result of the proposed award as well as short-term and long-term career development goals
  - A Diversity Statement that is a depiction of the applicant's past experiences and explains how these experiences have contributed to personal and professional growth
- Names of 2 potential reference letter writers
- List of trainee's other support (needs at least 50% availability)

The award includes a maximum of \$100,000 direct costs for one year (renewable for a second year dependent upon progress) and is intended to fund at least 50% FTE of the applicant's salary/fringe. The award may also be used to support laboratory supplies, services, or equipment necessary to conduct the proposed research. Awards will be announced by **May 1, 2023** with the earliest fellowship start date of **July 3, 2023**.

## Application Review Process

Applications will be evaluated by reviewers identified by the RSZ TNC Executive Team. Reviewers will evaluate applications based on scientific rationale, innovation, and potential impact on the field of translational neuroscience and on the applicant's career trajectory. Additionally, applications will be evaluated on the candidate's productivity and qualifications for successfully carrying out the research based on their CV and references.

***We are an equal opportunity employer, and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability status, protected veteran status, gender identity, sexual orientation, pregnancy and pregnancy-related conditions or any other characteristic protected by law.***

***Learn more about The Rosamund Stone Zander Translational Neuroscience Center's commitment to [Equity, Diversity, Inclusion, Belonging, and Anti-Racism](#). Our efforts are informed by and consistent with the goals of the Boston Children's Hospital [Declaration on Equity, Diversity, and Inclusivity](#).***

*For any questions, please contact [tnc@childrens.harvard.edu](mailto:tnc@childrens.harvard.edu).*