

Stony Brook University

Leadership Education in Neurodevelopmental and other related Disabilities (LEND)

Information Sheet on Stony Brook University LEND for Short-Term Trainees (STTs)

Program Overview: The Stony Brook University LEND program is an undergraduate, graduate, and post-graduate level interdisciplinary leadership and service training program federally funded through Health Resources and Services Administration's (HRSA's) Maternal Child Health Bureau (MCHB). This is accomplished by preparing trainees from a range of professional disciplines to be leaders in their fields, by ensuring the delivery of high-quality evidence-based care, by maximizing inclusion of traditionally underrepresented groups, and by ensuring high levels of interdisciplinary clinical competence. LEND focuses training on the policy, advocacy, research, clinical skills and knowledge necessary to affect positive change on all levels, from the individual to systems.

Mission: The Stony Brook University LEND's mission is:

- 1) to improve the training of providers, individuals, and families in understanding all aspects of care for the autism spectrum disorder (ASD) and neurodevelopmental disabilities (ND) community, and thereby lead their disciplines in supporting this community;
- 2) to support excellence in culturally-responsive, person-centered care;
- 3) to facilitate cutting-edge research aimed at improving the lives of individuals with ASD/ND;
- 4) to foster community, inclusion, belonging and acceptance of individuals with ASD/ND and their families through dissemination of current knowledge and offering a regional "hub" for the provider community.

Who can be a Stony Brook University LEND STT? Stony Brook University LEND Core Faculty represent 12 disciplines (as designated in **Bold**). We accept STTs from these as well as the following designated MCHB disciplines:

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| • Applied Behavior Analysis | • Nursing | • School Psychology/School Counseling |
| • Audiology | • Nutrition | • Self-Advocates/Individuals with Disabilities |
| • Adult Medicine | • Occupational Therapy | • Social Work |
| • Disability Studies | • Pediatric Medicine | • Speech-Language Pathology |
| • Family Member | • Pediatric and Adult Dentistry | • Education/Special Education |
| • Human Genetics/Genetic Counseling | • Physical Therapy | |
| • Health Administration | • Psychology | |
| | • Public Health/Policy | |

Short-term Trainees (STTs): Individuals selected as Stony Brook University LEND STTs will be part-time/full-time undergraduate and graduate students, have graduate level/post-graduate level education, be practicing professionals, family members of an individual with ASD/ND or a person with a disability. STTs will select to complete up to 39 hours of training activities within the 9-month program. This includes a range of activities to select from including clinical



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trainings, viewing recorded seminars, and participating in research and presentation opportunities.

Training Opportunities for STTs: The LEND training program will be delivered primarily by our Core Faculty at Stony Brook University, Supporting Faculty and community partners.

Training occurs primarily via (1) curriculum and (2) research/quality improvement projects.

- **Curriculum:** Interdisciplinary graduate-level didactics emphasize cutting-edge information about services and screening, diagnosis and treatment for individuals with ASD/ND and their families, advocacy and research. Trainees *may* participate by viewing Zoom recordings of lectures led by our Core Faculty and other experts in the field. Topics relate to the historical treatment of people with ASD/ND, leadership, interdisciplinary care, systems of care, public health perspectives of care, cultural responsiveness and humility, family-centered care, communication skills, research, advocacy and use of technology in healthcare service. On the first Friday of the month, STTs *may* participate in the *Coffee with Experts from the Novel Disciplines (CEND) Series* to introduce trainees to faculty from outside the core LEND disciplines and discuss emerging issues, cutting-edge research and technology. Examples of novel disciplines in the first three years of the LEND program included music, dance, economics, paleontology, computational approaches, brain imaging, neurobiology, archaeology, fashion design, rhetoric, linguistics among others. Each year, 5-6 novel disciplines are highlighted and offered as a “flipped classroom,” with recorded lectures for STTs to view on their own schedules and then have coffee virtually with the expert to ask questions. There are also *Clinical Trainings* online on the third Thursday of the month for STTs monthly. Our Director of ASD Clinical Training, in concert with Core and Supporting Faculty, provide clinical trainings which include topics such as “Understanding Autism Symptoms and Tests for ASD” and “The Art and Science of Giving the ASD Diagnosis”.
- **Research and Quality Improvement Projects:** STTs *may* conduct research and quality improvement projects in coordination with the Director of Research and a Faculty Mentor. An asynchronous course is offered during the fall to help guide trainees to formulate and structure their projects for data collection and implementation in the spring. Research exposure and training is central to the Stony Brook University LEND program. STTs will have the opportunity to present the results of their projects at a LEND Research Exposition that occurs in April/May.

Program Structure

Orientation

- During orientation, STTs review and reflect on the education and experiences that led to their decision to participate in the Stony Brook University LEND and learn more about the content and organization of the training program. Orientation is available synchronously via Zoom or by video, if you join the program after the synchronous orientations conclude.



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Curriculum

- STTs may view *class recordings from each semester*.
- *Research and Quality Improvement Training* is provided as asynchronous trainings with corresponding readings and assignments, leading to the project. They occur throughout the LEND program.
- *Coffee with Experts from the Novel Disciplines (CEND)* is a flipped classroom to be watched prior to the question-and-answer session with the expert held on the *first Friday of each month, from 12:00-1:00pm via Zoom*.
- *Clinical Trainings* are offered the *third Thursday of the month, from 5:30-8:00pm via Zoom*.

Cultural and Linguistic Responsiveness Training Seminar(s)

- STTs may view a cultural responsiveness training led by a team of experts to investigate and disseminate best practices in the delivery of culturally responsive services to the ASD/ND population impacted by cultural and linguistic barriers.

Mentorship Meetings

- STTs may opt to meet with their Faculty Mentor for group mentoring twice per year to check on program progress.

Research and Quality Improvement Project Exposition

- STTs who complete a research or quality improvement project can present their work to other trainees and faculty *in person* at the *Research and Quality Improvement Project Exposition in April/May*.

Graduation

- An *in-person* ceremony honoring the STTs for their accomplishments will be held *in May*.

Goals: The Stony Brook University LEND training program will increase the number and expertise of clinicians and leaders who are well-prepared to deliver high-quality, interdisciplinary, family-centered, and culturally responsive care, and to appropriately identify and refer children, adolescents and adults with ASD/ND and their families to comprehensive systems of care. Through the Clinics affiliated with Stony Brook Medicine and our community partners, the LEND program will provide interdisciplinary clinical services that directly benefit children, adolescents, and adults with ASD/ND throughout the region.

The Stony Brook University LEND will provide interdisciplinary training on evidence-based screening, diagnosis, and treatment of the complex needs of those with ASD/ND, so as to increase the number of clinicians and families with (1) knowledge and skills in providing empirically supported diagnosis, health, and treatment practices and (2) training in leadership skills so that they can lead others in their communities to adopt these practices. Through LEND's focus on research and research training, we will advance scientific knowledge about the challenges, needs, strengths, and opportunities of individuals with ASD/ND and their families. This program will develop visionary leaders in communities who are: experts in their disciplines and in interdisciplinary knowledge of ASD/ND, designers of new models of care provision, committed to high quality, evidence-based services from core and novel disciplines, able to



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communicate effectively with families and providers from a wide range of cultural and economic backgrounds, and committed to advocacy, leadership, technical assistance and consultation in their communities.

In summary, the Stony Brook University LEND training program is designed to increase the number of clinicians, community leaders, self-advocates and family members who provide empirically supported clinical care and/or lead others in their communities to adopt these practices and become leaders in the ASD/ND field.

General Expectations: STTs participating in the Stony Brook University LEND program will be expected to:

- Demonstrate ethical principles of their home discipline
- Display professional behavior and be treated professionally
- Engage in experiences with families and individuals with ASD/ND as partners and/or as team members whose voices are heard, respected and responded to
- Experience and learn about individuals with disabilities across the life span and across a variety of disabilities
- Interact with individuals with disabilities and/or their family members to better understand the impact of disabilities on their lives
- Develop the skills to access community-based services.

Applicants: Trainees will be accepted only from the disciplines outlined on the first page of this Information Sheet.

Application Process: Please submit the online LEND application. Applications are reviewed monthly on a rolling basis throughout the year. Applications will be reviewed by members of the LEND Team. Final decisions will be communicated to the applicant via email within 4 weeks from submission of a completed application.



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