**NUCATS MULTIDISCIPLINARY TRAINING PROGRAM IN CHILD AND ADOLESCENT HEALTH (TL1)**

PRE-DOCTORAL REQUEST FOR APPLICATIONS

**Date:** Winter, 2023

**To:** Northwestern University Department Chairs, Center and Institute Directors, and Faculty
Clinical Fellowship Program Directors, Northwestern University
Engineering and Data Science PhD Program Directors

**From:** Susanna A. McColley, MD, FAAP
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Stanley Manne Children's Research Institute

Associate Clinical Director for Child Health
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Evan Scott, PhD, Associate Professor of Biomedical Engineering
Co-Director, Multidisciplinary Training Program in Child and Adolescent Health (TL1)

Richard D'Aquila, MD, Senior Associate Dean for Clinical & Translational Research, Director, Northwestern University Clinical and Translational Sciences (NUCATS) Institute

**Re:** Request for applications for NUCATS Institute Multidisciplinary Training Program in Child and Adolescent Health postdoctoral fellowship research training program (TL1)

This RFA announces a funding opportunity for up to two predoctoral trainees at the McCormick School of Engineering in The Multidisciplinary Training Program in Child and Adolescent Health (TL1) , an NCATS-funded program through the NUCATS Institute

The program promotes interactions between trainees in pediatric science and engineering to encourage creative thinking and new approaches to child- adolescent health research.

The TL1 funds predoctoral students who will benefit from the multidisciplinary program. Research should have implications for pediatric translational science. In collaboration with the primary mentor in engineering, TL1 leadership can assist with matching the trainee with a child health clinician co-mentor.

Co-mentors may include pediatricians, pediatric surgeons, dentists, and psychologists who

care for young people from birth to college age. The TL1 leadership group will design a translational research training program that is individualized to the trainee's research and career interests to prepare them for jobs in academics and/or industry.

**Predoctoral Scholar Application Requirements**

All applicants should submit their materials directly to Adam White at adam-white@northwestern.edu.

- Complete the REDCap Data Applicant Form
- A Personal Statement including short- and long-term training, research, and career goals (limit 1 page)
- A Research Project, with a focus on translational research, should include specific aims, what we know and what we don't about the area, methods that will be used to test theaims and relevance of research to pediatric translational science and improving the health of children, adolescents, and young adults (limit 2 pages)
- Updated CV
- Northwestern graduate program grade report (official transcript not necessary)
- PDFs of any relevant publications
- Two Letters of Recommendations (sent directly to adam-white@northwestern.edu fromletter writers)
    - One from Research Mentor
    - One from Associated Faculty

**Eligibility Requirements**

- U.S. Citizenship or green card
- Appointment requires a 40 hours/week commitment to their training/research/associated career development activities
- Appointment requires a minimum of 1 year of participation
- Applicants must be in years 2 or 3 of their PhD program with research that may alignwith pediatric translational science

**Award Provisions**

- Please note that the current TL1 funding will end as early as 4/30/2024 based on our grant cycle
- Student stipend
- Tuition support
- Travel to 1 approved conference per year
- Support for approved research supplies
- Access to NUCATS resources
- Training in translational science through mentoring, experiential learning, and

workshops

**How to Submit a Proposal**

- Complete the REDCap data applicant form
- Compile and submit all materials to Adam White at adam-white@northwestern.edu
- Letter writers should send letters directly to Adam White at adam-white@northwestern.edu

**Deadlines**

- Materials should be submitted to Adam White by February 17th, 2023
- Applicants will be notified of funding decisions by March 14th, 2023
- Tentative Funding Start Date: April 1st, 2023

Standard NIH NRSA T32 and F-series award eligibility requirements apply.

The current TL1 program will provide support for a minimum of one year, with appointments likely starting on April 1, 2023 and ending on April 30, 2024. Funding cannot be guaranteed beyond June 30th, 2024. Any expense beyond this date would need to be covered by department or mentor. Training must include both mentored research and participating in other career development activities in child and adolescent health (see below).

Awardees will receive prevailing NRSA stipend, tuition support, travel expenses, and programmatic support in the areas of qualitative methods, mentor matching, team science training, Responsible Conduct of Research training, grant writing workshops, and access to the Center for Community Health.

All trainees are expected to attend programming on a regular basis and comply with data requests while funded and with annual update requests for 15-years post-funding for NIH reporting.

Mentors are required to participate in career development activities and provide annual updates as requested, as well as provide funding to trainees for research-related expenses.

Applications should be submitted via Competitions.
Application Instructions are found on our website.

Process related questions can be directed to Adam White at adam-white@northwestern.edu.

Questions related to selection of mentors or co-mentors and/or potential candidate eligibility or qualification can be directed to Susanna McColley at smccolley@luriechildrens.org or Evan Scott at evan.scott@northwestern.edu.

We look forward to your response to this solicitation.