

The UIC Department of Psychiatry has one of the leading research programs in the country and annually ranks in the top 30 in NIH/federally-funded research grants. To facilitate the development of psychiatrists who excel as clinicians and scientists, the Department has created specialized Psychiatry Residency Neuroscience Research Tracks. Through formal instruction, mentorship, and the completion of a research project, participants are afforded an opportunity to make meaningful scientific contributions while preparing themselves to succeed as academic psychiatrists.

The research tracks integrate post-doctoral fellowship research training with a psychiatry residency, thereby preparing research track scholars for careers in academic medicine. The Adult Track provides **two years of protected research time over a five-year Adult Psychiatry Residency**, while the **six-year Adult-Child Research Track provides over two years of protected research time during the completion of an Adult Psychiatry Residency and a Child and Adolescent Psychiatry Fellowship**. The goal of the Research Tracks is to ideally position graduates to be competitive for a career development grant ('K Award'), thus facilitating the transition into a tenure-track faculty position.

To learn more please visit: <https://www.psych.uic.edu/education/general-psychiatry-residency/subspecialty-training/psychiatry-residency-neuroscience-research-tracks>

Opportunities and benefits afforded to RT residents include:

- Funds for lab supplies and travel expenses to conferences.
- Available funding from two NIH-supported T32 Postdoctoral Training Programs
- Adequate time during their first two years of residency to meet with potential mentors, design a project, and attend relevant meetings and seminars.
- Assistance in applying for NIH Loan Repayment
- Opportunities to attend lectures, journal clubs, and graduate level courses within the university
- Special arrangements can be made to enable residents to work towards an M.S. in neuroscience or Masters in Public Health (MPH) during the training period.
- Supportive, structured process and plan to link the RT resident with appropriate research mentor(s)
- Monthly meeting of RT residents with the track director focused on scientific and career development topics
- Constructive internal review of applications for career development and pilot grants
- Salary augmentation (e.g., stipend) in years 3-5 of the RT residency

Selected Awards and Publications from current/recent RT residents:

Weil IA, Kumar P, Seicean S, Neuhauser D, **Seicean A**. Platelet count abnormalities and peri-operative outcomes in adults undergoing elective, non-cardiac surgery. PLoS One. 2019 Feb 11;14(2):e0212191. doi: 10.1371/journal.pone.0212191. eCollection 2019.

Seicean A, Kumar P, Seicean S, Neuhauser D, Weil RJ. Surgeon specialty and patient outcomes in carotid endarterectomy. J Neurosurg. 2018 Aug 1:1-10. doi: 10.3171/2018.2.JNS173014. [Epub ahead of print]

Seicean A, Kumar P, Seicean S, Neuhauser D, Selman WR, Bambakidis NC. Impact of Resident Involvement in Neurosurgery: An American College of Surgeons' National Surgical Quality Improvement Program Database Analysis of 33,977 Patients. Neurospine. 2018 Mar;15(1):54-65. doi: 10.14245/ns.1836008.004. Epub 2018 Mar 27.

Seicean A, Seicean S, Neuhauser D, Benzel EC, Weil RJ. The Influence of Race on Short-term Outcomes After Laminectomy and/or Fusion Spine Surgery. Spine (Phila Pa 1976). 2017 Jan 1;42(1):34-41

Arnone GD, Kumar P, Wonais MC, Esfahani DR, Campbell-Lee SA, Charbel FT, Amin-Hanjani S, Alaraj A, **Seicean A**, Mehta AI. Impact of Platelet Transfusion on Intracerebral Hemorrhage in Patients on Antiplatelet Therapy-An Analysis Based on Intracerebral Hemorrhage Score. *World Neurosurg.* 2018 Mar;111:e895-e904. doi: 10.1016/j.wneu.2018.01.006. Epub 2018 Jan 9.

Xing M, **Tadayonnejad R**, MacNamara A, Ajilore O, DiGangi J, Phan KL, Leow A, Klumpp H Resting-state theta band connectivity and graph analysis in generalized social anxiety disorder. *Neuroimage Clin.* 2016 Nov 12;13:24-32. eCollection 2017.

Andreea Seicean, M.D., Ph.D., Honorable Mention recognition for the 2017 NIMH Outstanding Resident Award

Reza Tadayon-Nejad, M.D, Ph.D., Society of Biological Psychiatry 2014 Chairman's Choice Award

Reza Tadayon-Nejad, M.D., Ph.D., American Psychiatric Association 2014 Research Colloquium for Junior Investigators

Christina Floreani, M.D., Ph.D., American Psychiatric Association 2014 Research Colloquium for Junior Investigators

Tushar Advani, M.D., Ph.D., American Academy of Addiction Psychiatry 2014 Resident Travel Scholarship

Kelley Volpe, M.D, American Academy of Child and Adolescent Psychiatry 2013 Educational Outreach Award