

**Student accomplishments, Academic year, Fall, 2022 - Spring, 2023
& Summer internships, 2023**

**Departments of Biology, Chemistry/Biochemistry, Computer Sciences, Mathematical
Sciences, Physics, Psychology, and Speech-Language Pathology & Audiology**

Biomedical/Medical (Ph.D./M.D.): 1 student

Rutgers University/New Jersey Medical School

Allopathic medicine (“med school”): 9 students

Albert Einstein College of Medicine (4); Harvard Medical School (1); SUNY Downstate (1);
Hackensack Meridian School of Medicine (1); Baylor University (1); Ohio State Univ. (1)

Osteopathic medicine: 2 students

Nova Southeastern University College of Osteopathic Medicine (1); Texas College of Osteopathic
Medicine (1)

Dental School: 8 students

Columbia University (2); University of Pennsylvania (1); NYU (1); Touro College (4)

Optometry: 1 student

SUNY College of Optometry

Clinical psychology, Psy.D: 3 students

Ferkauf Graduate School of Psychology (1); LIU-Post (1); Illinois School of Professional
Psychology (1)

School psychology, Ph.D.: 1 student

Fordham University

School psychology, Psy.D.: 2 students

Rutgers University

School and clinical psychology, Psy.D.: 1 student

Kean University

Audiology, Au.D.: 1 student

CUNY Consortium

Physical therapy, D.P.T.; 3 students

Hunter College (2); Touro (1)

Mechanical engineering, M.S.: 1 student

Rutgers University

Physician assistant, M.S.: 15 students

YU Katz School (6); Touro (3); Mercy College (5); Pace University (1)

Occupational therapy, M.S.: 4 students

Columbia University (2); Touro (1); SUNY Downstate (1)

Speech-language pathology, M.A./M.S.: 8 students

YU Katz School (4); Columbia University (1); Touro College Graduate School (2); McMaster University (Canada) (1)

Neuroscience and education, M.S.: 1 student

Columbia University

Biomedical science, M.S.: 1 student

NY Medical College

Social work, M.S.W: 15 students

Wurzweiler School of Social Work (14); Hunter College (1)

Computer science: placements in industry

Rachel Levy: teaching computer science at the Frisch School

Dahlia Schwartz: Google

Penina Waghalter: Amazon

Computer science: M.A.

Hannah Fischer: CUNY

Avigayil Roffe: New York University

Nursing, B.S.N. (all accelerated program): 22 students

NYU (joint program) (16); SUNY Downstate (2); Mount Sinai Phillips School of Nursing (3);

Mount Saint Mary (L.A.) (1)

Awards:

Tamar Leiser: REU Program “Computational Dynamics and Topology 2023”

Shaina Matveev: Kressel Research Scholars for 2023-2024: Dr. Vigodner’s Lab, SCW

Taliah Soleymani: Two-year Postbaccalaureate Intramural Research Training Award (IRTA)

Fellow. Experimental Therapeutics and Pathophysiology Branch (ETPB), National Institute of Mental Health (NIMH)

Graduate-level work in Mathematics:

Shai Rahamim: graduate level work in Advanced Calculus II

Summer 2023 internships: 43 students

YU Bar-Ilan University Summer Research Program (7); AECOM Summer Undergraduate Research Program (2); NYU Health Career Opportunity Program (8); on-campus research - Vigodner lab (3), Olivera lab (4); University of Pittsburgh (1); ICORE research program, Icahn School of Medicine at Mt. Sinai (1); Summer Institute of Biostatistics and Data Science, Columbia University's Mailman School of Public Health (1); Child Mind Institute (1); Trinitas Regional Medical Center - Collegiate Medical Mentorship Program (1); Boston University Hospital (1); Pfizer (1); Centricity Research Laboratory (Montreal) (1); Hadassah Medical Center (1); Hebrew University (1); Misc. (9)

Publications (Names of undergraduate are in **bold type**)

Musheyev, D., **Miller, E., Birnbaum, N., Miller, E.**, Erbllich, S., Schuck, A., and Alayev, A., 2023, Inhibition of ERK signaling for treatment of ERK α positive TNBC, Plos One 3:480-496.

Soleymani, T., Chen, T.-Y., Gonzalez-Kozlova, E., and Dogra, N., 2023, The human neurosecretome: extracellular vesicles and particles (EVPs) of the brain for intercellular communication, therapy, and liquid-biopsy applications, Front Mol Biosci May 17, 10:1156821, eCollection.

Chen, T.Y., Gonzalez-Kozlova, E., **Soleymani, T.**, La Salvia, S., Kypianou, N., Sahoo, S., Tewari, A.K., Cordon-Cardo, C., Stolovitzky, G., and Dogra, N., 2022, Extracellular vesicles carry distinct proteotranscriptomic signatures that are different from their cancer cell origin, iScience, May 18, 25(6):104414, eCollection.

Buijsman, W., Lezama, T.L.M., **Leiser, T.** and Santos, L.F., 2022, Ground-state energy distribution of disordered many-body quantum systems, Phys. Rev. E 106:054144.

Abstracts/presentations (Names of undergraduate are in **bold type**)

Miller, A., Aafjes-van Doorn, K., and Spina, D., 2023, Coping strategies in psychoanalytic treatments. Poster presented at the Society for Psychotherapy Integration, June.

Fried, N. and A. Rolls, 2023, Brain Regions Involved During Cannabis Induced Sleep, 265th American Chemical Society Meeting, Indianapolis, IN, March.

Kronenberg, L., Harris, P., and Lerner, E., 2023, Producing the Doubly-labeled α -synuclein of Yesteryear: A Pathway to Differentiating the Dynamics of Intrinsically Disordered Proteins", 265th American Chemical Society Meeting, Indianapolis, IN, March.