

Student accomplishments: Academic year, 2023-2024

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

Allopathic medical school: 13 students

NYMC (6); AECOM (2); Downstate (1); Moorehouse (1); Wright State University Boonshoft School of Medicine (1); Hackensack Meridian (1); UT Southwestern (1)

Osteopathic medical school: 2 students

TouroCOM

Dental school: 12 students

Touro (10); NYU (1); Columbia Univ. Dental School (1)

Biomedical sciences: Ph.D.: 1 student

AECOM

Nursing (all accelerated programs): B.S.N.: 26 students

NYU (joint program) (14); Mount Sinai Phillips School of Nursing (5); The Katz School, YU (3); School of Nursing, University of Toronto (1); University of Pennsylvania (1); NYU School of Nursing (1); University of Massachusetts, Boston (1); Columbia University (Masters Direct Entry Program) (1)

Occupational therapy: M.S. : 5 students

Touro University- Manhattan (3); YU Katz School, Doctoral Program (1); Columbia University (1)

Physician assistant: M.S.: 11 students

Touro University – Manhattan (2); YU Katz School (through Early Assurance Program) (4); YU Katz School (3); SUNY Downstate (2)

Physical therapy: D.P.T.: 3 students

Touro University (1); University of Southern California (USC) (1); Hunter College (CUNY) (1)

Genetic counseling: M.S.: 2 students

Thomas Jefferson University (1); LIU (1)

Clinical psychology: Ph.D.: 1 student

Adelphi University

Clinical psychology: PsyD: 1 student

Hofstra

Clinical health psychology: Ph.D.: 1 student
Ferkauf Graduate School, Yeshiva University

School-clinical psychology: PsyD: 3 students
Ferkauf Graduate School, Yeshiva University

Social work: M.S.W.: 1 student
Wurzweiler School of Social Work, Yeshiva University

Speech-language pathology: M.A./M.S.: 12 students
Lehman College (1); YU Katz (9); Touro College (1); Queens College (1)
[*Graduates also were accepted to programs at Columbia, Hunter, Hofstra, Molloy & Montclair*]

Computer science: professional placement in industry

Rachel Bodek: Marsh McLennan
Hannah Friedman: KPMG
Racheli Gottesman: Mastercard
Amira Isenberg: Bank of America
Limor Kohanim: UBS
Gila Linzer: Capital One Bank
Jennie Peled: Microsoft
Amanda Poupko: Avanade
Racheli Schachter: Marsh McLennan
Rachel Shohet: IBM
Judith Wechter: Marsh McLennan

Awards

Kressel Research Scholar for 2024-2025: Shaina Matveev
2nd place, Yeshiva University poster presentation contest, Pal, S.S. Ghafoori, T., Balsam, Aliza, Levy, Jacqueline, Lucas, B. and Vigodner, M., Studies of SUMO protein and Spermatogenesis using transgenic mouse models, May 23, 2024.

Summer internships

Jewish General Hospital, Montreal in the Division of Cardiology (1); Tel Aviv University (2); Hebrew University (2); University of Miami (1); SCW (Dr. Margarita Vigodner) (2); The Hunterian Neurosurgical Laboratory at Johns Hopkins University (1); Touro College of Dental Medicine Pre-Dental Experience Program (3); NYU Health Career Opportunity Program (Nurse Practitioner, Occupational Therapy, Medicine, Physician Assistant, Pediatric Pulmonology, Physical Therapy, Social Work) (9); Bar Ilan Univ/YU (12); YU, Walder Summer Research Fellowship Program (1); Mount Sinai Hospital (1); Rutgers Cancer Institute of NJ (1); Hadassah Hospital (Israel) (1); AECOM (2); National Institute of Standards and Technology, Maryland (1); Hackensack Meridian Health's Center for Discovery and Innovation (1); NYU Langone (1); Shaare Zedek Medical Center (OU-JLIC Summer in Jerusalem Program) (1)

Publications (names of students in **bold**)

Amaral, D.T, **Kaplan, R.A.**, Takishita, T.K.E., de Souza, D.R., Oliveira, A.G., and Rosa, S.P., 2024, Glowing wonders: exploring the diversity and ecological significance of bioluminescent organisms in Brazil. *Photochem Photobiol Sci.*, May 11. doi: 10.1007/s43630-024-00590-x. Epub ahead of print. PMID: 38733516.

Musheyev, D., **Miller, E., Birnbaum, N., Miller, E., Erbllich, S.**, Schuck, A., and Alayev, A., 2023, Inhibition of ERK signaling for treatment of ER α positive TNBC, *PLoS One*. 8:e0283047.

Arnon, J., Tabi, M., Rottenberg, Y., Zick, A., Blumenfeld, P., Hamburger, T., Pikarsky, E., Avraham, E., **Levine, L.**, Popovt, A., Yablonski-Peretz, T., Kadouri, L. and Nechushtan, H., 2023, Clinical characteristics, response to platinum-based chemotherapy and poly (adenosine phosphate-ribose) polymerase inhibitors in advanced lung cancer patients harboring BRCA mutations, *Cancers* 15:4733.

Applebaum, N., Chemel, S., Matveev, S., Pal, S.S., Sengupta, A., Lucas, B., and Vigodner, M., 2023, Phosphoproteome analysis of the crosstalk between sumoylation and phosphorylation in mouse spermatocytes. *Biochem. Biophys. Res. Commun.* 681:194-199.

Abstracts (names of students in **bold**)

Yano, D., **Borukh, E., Arastehmanesh, A.**, Sharma, A., and Oliveira, A, (2024), Shedding light on Ca²⁺ dynamics: Isolating and characterizing novel Ca²⁺-regulated photoproteins. American Chemical Society, Meeting, Denver, CO .

Kaplan, R., Coleman, R., and J. Hobbs, 2024, Utilizing single-molecule imaging to investigate hematopoiesis, 267th American Chemical Society Meeting, New Orleans, LA.

Kass A., Jenny, A., and Handy J., 2024, Lamp1 Non-Cell Autonomous Regulation of Endolysosomal Acidification, 267th American Chemical Society Meeting, New Orleans, LA.

Kohanbash, E., Stream, J., Socciarelli, F., Omar, M., and H. Pakula, 2024, Stromal microenvironmental modulation in prostate cancer progression, 267th American Chemical Society Meeting, New Orleans, LA.

Rapp, J., Thai, G., and Y. Wei, 2024, Analyzing COVID-19 spread and government response strategies in the United States, 267th American Chemical Society Meeting, New Orleans, LA.