

Overview of Student Accomplishments – STEM Fields – Stern College for Women

Departments of Biology, Chemistry/Biochemistry, Computer Sciences, Mathematics, Physics, Psychology, and Speech Pathology & Audiology

Graduate/Professional Programs: Graduating Class of May, 2019

| Graduate/Professional Program | Institutions | Number of Students |
|--|--|--------------------|
| Allopathic Medicine | Albert Einstein College of Medicine (8); Downstate; NY Med College; Boston Univ.; Univ. Toronto; Sackler; Ben Gurion | 14 |
| Osteopathic Medicine | Touro College of Med.; Rowan Univ; NYIT College of Medicine | 5 |
| Dental School | Harvard; Tufts; Univ. Pennsylvania; Rutgers; NYU; Touro | 12 |
| MD/PhD | Tri-Institutional Program Cornell, Weill Cornell & Sloan Kettering; AECOM | 2 |
| Audiology (doctorate) | SDSU/UCSD | 1 |
| Computational Biology (doctorate) | Tri-Institutional Program Cornell, Weill Cornell & Sloan Kettering | 1 |
| Mathematics (doctorate) | Cornell Univ. | 1 |
| Biomedical Sciences (doctorate) Optometry | AECOM; CUNY; Mt Sinai SUNY College of Optometry | 4 |

Five Year Summary: Academic Years 2014-2015 to 2018-2019

| Graduate Program | Number of Students |
|--------------------------------|----------------------------------|
| Allopathic Medicine | 95 (of which 41 are at Einstein) |
| Osteopathic Medicine | 20 |
| Medicine/Research (M.D./Ph.D.) | 3 |
| Dental School | 49 |
| Pharmacy (PharmD) | 11 |
| Optometry School | 9 |
| Veterinary Medicine | 3 |
| Biomedical Science (Ph.D.) | |

Summer

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

Dembitzer, N., and Drori, R., 2019, Antifreeze proteins shape ice crystals to prevent freezing injury, 257th National Meeting of the American Chemical Society, Orlando, FL, April.

Sharvit, E., Nik S., and Bowman T.V., 2019, ATM signaling pathway mediates apoptosis in *sf3b1* mutant zebrafish, 257th National Meeting of the American Chemical Society, Orlando, FL, April.

Shooman, A. and Santos, L.F, 2019, Static and dynamic properties of a one-dimensional spin-1/2 system, International Meeting of the American Physical Society, Boston, MA, March (oral presentation)

Shooman, A. and Santos, L.F, 2019, Static and dynamic properties of a one-dimensional spin-1/2 system, Scientista Symposium, Boston, MA, March (poster presentation)

Rubenstein, L., and DiLorenzo, T.L, 2019, Religiosity, sexual behaviors and self-esteem among college-age modern Orthodox Jewish women, Eastern Psychological Association Annual Meeting, New York, NY, March

Awards

Stern College Chemistry Club: **American Chemical Society** (ACS), Honorable Mention Chapter Award, presented for the 2017-2018 on-campus activities of the Stern College Chemistry Club, awarded, October, 2018.

The SCW Chemistry Club was awarded in May, 2019 the **Community Interaction Grant** for

Science writing opportunities - science and tech section of the college newspaper, *The Observer*; *Derech HaTeva, a Journal of Torah and Science*; publication of abstracts in *Women in Science*

Develop leadership skills through participation in student-run clubs including, but not limited to:

- Biology Club
- Chemistry Club
- Computer Science Club - a chapter of national ACM-W
- Project Start
- Pre-Med Club
- Pre-Dent Club
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