



**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**

<b>Graduate/Professional Program</b>	<b>Institutions</b>	<b>Number of Students</b>
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**

<b>Graduate Program</b>	<b>Number of Students</b>
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, 257<sup>th</sup> 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, 257<sup>th</sup> 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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