

Elaine M. Stewart

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Education

University of Delaware, Newark, DE, Bachelor of Chemical Engineering, May, 2018

- Honors Program

Notre Dame High School, NJ, Diploma, June, 2014. Nine AP courses/seminars, thirteen honors courses

Achievements

- United States Naval Academy Offer of Appointment, 2014. Nomination of U.S. Senator Cory Booker and U.S. Representative Rush Holt
- United States Naval Academy Summer Seminar, 2013. Studied oceanography, aeronautical and systems engineering, naval architecture, information technology
- Delaware Diplomat: UD ambassador under auspices of Path to Prominence Global Initiative, 2014
- UD Honors Freshman Fellow, responsible for freshman community programs, 2014
- Advanced Placement Scholar, 2014
- Drexel University, Discovering Architecture program, 2013
- Honor Roll of Distinction/National Honor Society, 2010 - 2014
- Academic Awards: AP and Honors Calculus, Honors Biology, Technology, French, 2010 - 2014
- Mercer Science and Engineering Fair Awards:
 - MIRTHE/NSF/Princeton Univ. 1st Place, (Project: Home Energy Audits), 2010
 - MIRTHE/NSF/Princeton Univ. 1st Place, (Project: Noise-Induced Hearing Loss), 2009
 - Rider University, Most Superior (Project: Lead in Consumer Products), 2008

Work Experience

- Rutgers University Department of Biochemistry and Microbiology, Center for Research & Education in Bioluminescence & Biotechnology, New Brunswick, NJ, 2014
 - Teaching and Laboratory Assistant for William W. Ward, Ph.D.
 - Purification of GFP via Three-Phase Partitioning, Hydrophobic Interaction Chromatography, Gel Filtration, and Ion Exchange; GFP as pH Indicator; Bisphenol A Assay
- UD Kloxin Research Group, chemical engineering researcher investigating novel biomaterials for dynamic cell culture, therapeutic delivery, and regenerative medicine, beginning Winter, 2015
- Internship: Trenton Thunder Baseball (AA Affiliate of the New York Yankees), 2012 - 2014
 - Promotions and Audiovisual Services; Guest Relations and Customer Service

Professional Affiliations

- American Institute of Chemical Engineers, Society of Women Engineers, American Chemical Society

Activities

- Peer Leader and Student Government, 2010 - 2014; *Executive Board*, 2013 - 2014
- National Honor Society tutor for calculus and algebra, 2012 - 2014
- Performing Arts Theatre, Concert Band, Dance Captain, 2010 - 2014
- Ballet Professional Training Program, Soloist in Nutcracker, 2004 - 2014
- Varsity Cheerleading, 2011 - 2014

Community Service

- Sunshine Foundation Dreamlift, 2013 - 2014
- Special Olympics Volunteer, 2013 - 2014
- Pink Out benefit football games for breast cancer research, 2010 - 2013