

Steve A. Cohen

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Education

- July 2013 – **University of California, Los Angeles (UCLA)**, Los Angeles, CA 90095
Major: Neuroscience, B.S.
Minor: Biomedical Research
Pursuing Neuroscience Departmental Honors and College Honors
- August 2009 – June 2013 **Westmont High School**, 4805 Westmont Ave, Campbell, CA 95008
Valedictorian

Research Experience

- June 2016 – September 2016 **Howard Hughes Medical Institute**, Janelia Research Campus
Janelia Undergraduate Scholar, with Dr. Adam Hantman, Ph.D
- December 2014 – September 2016 **Department of Neurology**, University of California, Los Angeles
Research Assistant, with Dr. Carlos Portera-Cailliau, M.D., Ph.D and Dr. Anubhuti Goel, Ph.D
- February 2015 – June 2016 **Pediatrics Urgent Care Center (Westwood)**, University of California, Los Angeles
Research Assistant and Patient Health Advocate, with Dr. Alice Kuo, M.D., Ph.D
- March 2014 – June 2014 **Department of Mathematics**, University of California, Los Angeles
Research Assistant, with Dr. David E. Weisbart, Ph.D

Poster Presentations

- August 4, 2016 **Cohen S.**, Guo J., and Hantman A. “Exploratory Decision-Based Motor Task in Mouse Models.” Janelia Undergraduate Scholars 2016 Poster Day. August 4, 2016. Howard Hughes Medical Institute, Janelia Research Campus.
- May 24, 2016 Goel A., **Cohen S.**, Cohan K., Cantu D., and Portera-Cailliau C. “Rescue of Circuit Dysfunction in Fragile X Mice through Optogenetic Activation of VIP-Expressing Inhibitory Neurons.” UCLA Undergraduate Research Poster Day. May 24, 2016. University of California, Los Angeles.

Awards and Honors

- June 13, 2016 **Janelia Undergraduate Scholar (JUS), Howard Hughes Medical Institute**
- 1 of 22 selected from hundreds of applicants worldwide for 4 month research program at the Janelia Research Campus
- Involves independent research, twice-weekly undergraduate training sessions, journal clubs, seminars, and mentorship
- November 10, 2016 **Howard Hughes Undergraduate Research Program (HHURP)/ Integrated and Interdisciplinary Undergraduate Research Program (i²URP)**
- 1 of 5 awarded campus-wide for exceptional undergraduate research with intent to pursue Ph.D or M.D./Ph.D
- Involves quarterly research stipend, faculty mentorship, career guidance undergraduate-led weekly journal club with 4 HHURP faculty members, poster presentations at UCLA, poster presentations outside of UCLA, and departmental honors thesis

September 12, 2016	UCLA Senior Undergraduate Research Scholar, Lau Endowment - 1 of 45 awarded campus-wide for strong commitment to undergraduate research - Involves quarterly research stipend, poster presentations at UCLA, and departmental honors thesis
August 17, 2016	California's Middle Class Scholarship (MCS) Award for 2016 – 2017 - Awarded based on financial need and academic achievement
November 10, 2015	Howard Hughes Undergraduate Research Program (HHURP), Junior Scholar - 1 of 5 awarded campus-wide for exceptional undergraduate research with intent to pursue Ph.D or M.D./Ph.D - Involves quarterly research stipend, faculty mentorship, career guidance undergraduate-led weekly journal club with 4 HHURP faculty members, poster presentations at UCLA, poster presentations outside of UCLA, and departmental honors thesis
August 8, 2015	California's Middle Class Scholarship (MCS) Award for 2015 – 2016 - Awarded based on financial need and academic achievement
August 6, 2015	UCLA Junior Undergraduate Research Scholar, Judith L. Smith Endowment - 1 of 45 awarded campus-wide for strong commitment to undergraduate research - Involves quarterly research stipend, poster presentations at UCLA, and departmental honors thesis
January 17, 2015	California's Middle Class Scholarship (MCS) Award for 2014 – 2015 - Awarded based on financial need and academic achievement
July 15, 2013	International Brotherhood of Teamsters (IBT) Union Local Area #665 Scholarship - Awarded for academic achievement, character, potential, and financial need - Applicants compete within borders of Local Union #665 (Silicon Valley/Bay Area, CA)
June 22, 2013	International Brotherhood of Teamsters (IBT) Union James R. Hoffa Memorial Scholarship - National award for academic achievement, character, potential, and financial need - Applicants compete in 1 of 5 geographic regions spanning the United States and Canada
June 12, 2013	Valedictorian, Westmont High School - Class Size: 357 Students
May 9, 2013	Chi Am Circle Scholarship - 1 of 36 Silicon Valley/Bay Area, CA students awarded for academic achievement, community service, and extracurricular activities (performing arts, athletics, and work)
July 1, 2012	El Camino Hospital Volunteer Service Award - Volunteered for at least 200 hours at the El Camino Hospital, Los Gatos Emergency Department

Specialized Skills and Certifications

June 2016	MATLAB - User-friendly mouse behavioral software allowing for precise auditory and physical stimulation with simultaneous electrodes, two-photon imaging, and optogenetics
May 2016	- Graduate-level Physics 286 (Neurophysics of the Brain and Mind Problem). MATLAB tools for experimental/theoretical neuroscience applications (neural dynamics, neural variability/noise, synapse interactions, space/time encoding, and learning/sleep)
January 2015	- Automated image processing for analysis of mouse pupil diameter during a visual behavior task
August 26, 2014	Emergency Medical Technician – Basic (EMT-B) Certification UCLA Center for Prehospital Care, 1083 Gayley Ave., Los Angeles, CA 90024
April 5, 2014	American Heart Association BLS for Healthcare Providers CPR and AED Certification UCLA Center for Prehospital Care, 1083 Gayley Ave., Los Angeles, CA 90024