

JOSEPH PARKER, PH.D.

PROFESSOR OF BIOLOGY AND BIOLOGICAL ENGINEERING
California Institute of Technology
Division of Biology and Biological Engineering
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California 91125, USA
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EDUCATION AND ACADEMIC APPOINTMENTS

- 2024–present Professor of Biology and Biological Engineering, California Institute of Technology, Pasadena
- 2023–present Director, Caltech Center for Evolutionary Science
- 2017–2024 Assistant Professor of Biology and Biological Engineering, California Institute of Technology, Pasadena
- 2012–present Research Associate, Division of Invertebrate Zoology, American Museum of Natural History, NY
- 2008–2016 Postdoctoral Fellow, Department of Genetics and Development, Columbia University, NY (laboratory of Gary Struhl; based jointly in laboratory of Armand Leroi, Dept. of Natural Sciences, Imperial College, UK from 2008-2011).
- (2006–2007 Entomological fieldwork, Australia)
- 2005–2006 Postdoctoral Fellow (5 months), MRC Laboratory of Molecular Biology
- 2001–2005 Ph.D., University of Cambridge/MRC Laboratory of Molecular Biology, UK
Thesis title: Size Control Mechanisms in the Fly Embryo. Supervisor: Peter A. Lawrence. (Graduation date: 01/2006)
- 1998–2001 BSc (Hons), Zoology, Imperial College London, UK. 1st Class Honors (highest across the biological sciences).

FELLOWSHIPS AND AWARDS

- 2024 MacArthur Fellowship
- 2023 Okawa Foundation Research Grant
- 2023 Caltech Tianqiao and Chrissy Chen Scholarship
- 2022 Pew Biomedical Scholarship
- 2022 Rose Hills Foundation Innovator Award
- 2021 NSF CAREER Award
- 2020 Alfred P. Sloan Research Fellowship in Computational & Evolutionary Molecular Biology

- 2018 Rita Allen Foundation Scholarship (2018 Milton E. Cassell Scholar)
- 2018 Klingenstein-Simons Fellowship Award in Neuroscience
- 2018 Shurl and Kay Curci Foundation Grant
- 2017 American Museum of Natural History Gerstner Fellowship
- 2007 Wellcome Trust (UK) Sir Henry Wellcome Postdoctoral Fellowship (4-year independent investigator support with salary and research expenses)
- 2007 Jane Coffins Childs Memorial Fund Postdoctoral Fellowship (declined)
- 2007 European Molecular Biology Organisation (EMBO) Long-term Postdoctoral Fellowship (declined)
- 2005 Royal Entomological Society “Alfred Russell Wallace Award” for Best PhD Thesis of 2005
- 2001 Medical Research Council (UK) Studentship
- 2001 Gonville and Caius College Smart Scholarship (University of Cambridge)
- 2001 Imperial College London Forbes Memorial Medal, for most outstanding student graduating in the biological sciences
- 2001 UK Science Engineering and Technology Student of the Year Awards, 2001: “UK Biology Student of the Year”
- 2000 Nuffield Foundation Undergraduate Science Bursary for “Phylogeny of Pselaphinae”

PUBLICATIONS

- Parker, J.** and Pennell, M. (2024) The Cellular Substrate of Evolutionary Novelty. *Current Biology* (in revision)
- Parker, J.**, Maruyama, M., Okamoto, T., Schultz, T.R., and Alvarado, M. (2024) Evolution of leaf cutter ant myrmecophiles: *Hamotus heidiae*, a new symbiont of *Acromyrmex* colonies with undetectable hydrocarbons (Coleoptera: Staphylinidae: Pselaphinae). *Insectes Sociaux* (in press)
- Wagner, J.M., Wong, J.H, Millar, J.G., Haxhimali, E., Brückner, A., Naragon, T.H., Boedicker, J.Q., and **Parker, J.** (2024). Enforced specificity of an animal symbiosis. *bioRxiv*, 2024.08.04.606548
- Parker, J.** (2024) Organ Evolution: Emergence of Multicellular Function. *Annual Review of Cell and Developmental Biology*, 40, 51-74
- Kitchen, S.A, Naragon, T.H., Brückner, A. Ladinsky, M.S., Quinodoz, S.A., Badroos, J.M., Viliunas, J.W., Wagner, J.M., Miller, D.R., Yousefelahiyeh, M., Antoshechkin, I.A., Eldredge, K.T., Pirro, S., Guttman, M., Davis, S.R. Aardema, M.L. and **Parker, J.** (2023), The Genomic and Cellular Basis of Biosynthetic Innovation in Rove Beetles. *Cell*, 187, 3563-3584

- Sharma, T., Wagner, J.M., Beery, S. Dickson, W.B., Dickinson, M.H., **Parker, J.** (2024) Monitoring Social Insect Activity with Minimal Human Supervision. *Proceedings of the IEEE/CVF Conference on Computer Vision and Pattern Recognition*, 1244-1253
- Parker, J.** (2024) Symbiosis: Did Bacteria Bias the Beetle Big Bang? *Current Biology*, 34, R323-R325
- Sun, J.J., Marks, M., Ulmer, A., Chakraborty, D., Geuther, B., Hayes, E., Jia, H., Kumar, V., Oleszko, S., Partridge, Z., Peelman, M., Robie, A., Schretter, C.E., Sheppard, K., Sun, C., Uttarwar, P., Wagner, J.M., Werner, E., **Parker, J.**, Perona, P., Yue, Y., Branson, K. and Kennedy, A. (2023) The MABe22 benchmarks for representation learning of multi-agent behavior. *International Conference on Machine Learning (ICML) 2023*
- Parker, J.** (2022) The Bank Most Tangled. *Current Biology*, 32, R1328-R1330
- Parker, J.** (2022) Transitional Morphology and Afrotropical Affinity of a Bythinoplectine Rove Beetle from the Early Eocene of India (Coleoptera: Staphylinidae: Pselaphinae). *Palaeoentomology*, 5, 452–460
- Parker, J.** (2022) Interactions Between Insect Species: Their Evolution and Mechanistic Architecture. *Current Opinion in Insect Science*, 51: 100963
- Davison, H.D., Pilgrim, J., Wybouw, N., **Parker, J.**, Pirro, S., Hunter-Barnett, S., Campbell, P.M., Blow, F., Darby, A.C., Hurst, G.D.D. and Siozios, S. (2021) Genomic diversity across the *Rickettsia* and ‘*Candidatus* Megaira’ genera and proposal of genus status for the Torix group. *Nature Communications* 13: 2630
- Naragon, T.H, Wagner, J. and **Parker, J.** (2022) Parallel Evolutionary Paths of Rove Beetle Myrmecophiles: Replaying a Deep-Time Tape of Life. *Current Opinion in Insect Science*. 50: 100903
- Kanwal, J. and **Parker, J.** (2022) The Neural Basis of Interspecies Interactions in Insects. *Current Opinion in Insect Science*, 50:100891
- Parker, J.** (2022) Joe Parker - Q&A. *Current Biology*, 32, R6-R8
- Stuckey, K., Dua, R., Ma, Y., **Parker, J.** and Newton, P.K. (2022) Optimal Dynamic Incentive Scheduling for Hawk-Dove Evolutionary Games. *Physical Review E*, 105, 014412
- Perry, E.K., Siozios, S., Hurst, G.D.D. and **Parker, J.** (2021) Structure of an Ant-Myrmecophile-Microbe Community. *bioRxiv*, 2021.10.04.462948,
- Brückner, A., Badroos, J.M., Learsch, R.W. Yousefelahiyeh, M., Kitchen, S.A. and **Parker, J.** (2021) Evolutionary Assembly of Cooperating Cell Types in an Animal Chemical Defense System. *Cell*, 184, 6138-6156
- Parker, J.** and Kronauer, D.J.C. (2021) How Ants Shape Biodiversity. *Current Biology*, 31, R1208-R1214
- Buarque de Macedoa, R., Ando, E., Joy, S., Viggiani, G., Kumar Pal, R., **Parker, J.** and Andrade, J.E. (2021) Unearthing Real-Time 3D Ant Tunneling Mechanics. *Proceedings of the National Academy of Sciences*, 118, e2102267118
- Kishi, Y. and **Parker, J.** (2021) Cell Type Innovation at the Tips of the Animal Tree. *Current Opinion in Genetics and Development*, 69, 112–121

- Kishi, Y., Brückner, A., Thomas, I.M., Eldredge, K.T., Davis, S., Coleman, R.T., **Parker, J.** Gene regulatory control of rove beetle defensive chemistry by a Hox terminal selector (in review; *bioRxiv* preprint of earlier version: <https://doi.org/10.1101/198945>)
- Beery, S., Cole, E., **Parker, J.**, Perona, P. and Winner, K. (2021) Species distribution modeling for machine learning practitioners: A review. *ACM SIGCAS conference on computing and sustainable societies*, 2021, 329-348
- Hlaváč, P., **Parker, J.**, Maruyama, M. and Ficáček, M. (2021) Diversification of Myrmecophilous Clavigeritae Beetles (Coleoptera: Staphylinidae: Pselaphinae) and their Radiation in New Caledonia. *Systematic Entomology*, 46, 422–452
- Parker, J.** and Struhl, G. (2020) Control of *Drosophila* Wing Size by Morphogen Range and Hormonal Gating. *Proceedings of the National Academy of Sciences*, 117, 31935–31944
- Parker, J.** and Rabeling C. (2020) Evolution: Shape Shifting Social Parasites. *Current Biology*, 30, PR1049–R1051
- Brückner, A. and **Parker, J.** (2020) Molecular Evolution of Gland Cell Types and Chemical Interactions in Animals. *Journal of Experimental Biology*, 223, jeb211938
- Zhou, Y.L., Ślipiński, A., Ren, D. and **Parker, J.** (2019) A Mesozoic Clown Beetle Myrmecophile (Coleoptera: Histeridae). *eLife*, 8:e44985
- Parker, J.** and Owens, B. (2018) *Batriscydmaenus* Parker and Owens, New Genus, and Convergent Evolution of a “Reductive” Ecomorph in Socially Symbiotic Pselaphinae (Coleoptera: Staphylinidae). *The Coleopterists Bulletin*, 72, 219–229
- Yin, Z., **Parker, J.**, Cai, C., Huang D., and Li, L. (2018) A New Stem Bythinine in Cretaceous Burmese Amber and Early Evolution of Specialized Predatory Behavior in Pselaphine Rove Beetles (Coleoptera: Staphylinidae). *Journal of Systematic Palaeontology*, 16, 531–541
- Yamamoto, S., Maruyama, M. and **Parker, J.** (2017) Evidence from Amber for the Origins of Termitophily. *Current Biology*, 27, R792–R794
- Parker, J.** (2017) Staphylinids: Quick Guide. *Current Biology*, 27, R43–R56
- Maruyama, M., and **Parker, J.** (2017) Deep-Time Convergence in Rove Beetle Symbionts of Army Ants. *Current Biology*, 27, 920–926
- Yamamoto, S., Takahashi, Y. and **Parker, J.** (2017) Evolutionary Stasis in Enigmatic Jacobsoniid Beetles. *Gondwana Research*, 45, 275–281
- Yamamoto, S., Maruyama, M. and **Parker, J.** (2016) Evidence for Social Parasitism of Early Insect Societies by Cretaceous Rove Beetles. *Nature Communications*, 7: 13658
- Parker, J.** (2016) Emergence of a Superradiation: Pselaphine Rove Beetles in Mid-Cretaceous amber from Myanmar and Their Evolutionary Implications. *Systematic Entomology*, 41, 541–466
- Parker, J.** (2016) Myrmecophily in Beetles (Coleoptera): Evolutionary Patterns and Biological Mechanisms. *Myrmecological News*, 22, 65–108

- Parker, J.** and Struhl, G. (2015) Scaling the *Drosophila* wing: TOR-dependent Target Gene Access by the Hippo Pathway Transducer Yorkie. *PLoS Biology* 13(10): e1002274
- Parker, J.** and Grimaldi, D. (2014) Specialized Myrmecophily at the Ecological Dawn of Modern Ants. *Current Biology*, 24, 2428–2434
- Parker, J.** (2014). *Morphogenia*: a New Genus of the Neotropical Tribe Jubini (Coleoptera: Staphylinidae: Pselaphinae) from the Brazilian Amazon. *ZooKeys*, 373, 57–66
- Hlaváč, P., Baňář, P. and **Parker, J.** (2013) The Pselaphinae of Madagascar. II. Redescription of the Genus *Semiclaviger* Wasmann, 1893 (Coleoptera: Staphylinidae: Pselaphinae: Clavigeritae) and Synonymy of the Subtribe Radamina Jeannel, 1954. *Zootaxa*, 3736, 265–276
- Parker, J.** and Maruyama, M. (2013) *Jubogaster towai*, a New Neotropical Genus and Species of Trogastrini (Coleoptera: Staphylinidae: Pselaphinae), Exhibiting Myrmecophily and Extreme Body Enlargement. *Zootaxa*, 3630, 369–378
- Parker, J.** (2011). Morphogens, Nutrients, and the Basis of Organ Scaling. *Evolution and Development*, 13, 304–314
- Parker, J.** (2006). Control of Compartment Size by an EGF Ligand from Neighbouring Cells. *Current Biology*, 16, 2058–2065
- Parker, J.**, and Johnston, L.A. (2006). The Proximate Determinants of Insect Size. *Journal of Biology*, 5, 15

INVITED SCIENTIFIC LECTURES

2026:

03/2026 McGill University

2025:

12/2025 John Innes Center, Norwich, UK

10/2025 Max Planck Institute for Biological Intelligence, Munich, Germany

06/2025 Neuroethology: Behavior, Evolution and Neurobiology Gordon Research Conference, Castelvecchio Pascoli, Italy

04/2025 Department of Ecology and Evolutionary Biology, University of Michigan, MI

03/2025 Department of Ecology & Evolutionary Biology, University of Toronto, Canada

2024:

11/2024 Department of Molecular and Cellular Biology, Harvard University, Boston, MA

11/2024 ERATO Evolving Symbiosis Project International Seminar Series, National Institute of Advanced Industrial Science and Technology, Japan

11/2024 Department of Biology, Indiana University, IN

10/2024 Keynote speaker, Department of Biology Retreat, University of California San Diego, CA

06/2024 "Molecular Mechanisms of Inter-Organismal Extended Phenotypes", HHMI Janelia Research Campus, VA
05/2024 Genetics, Genomics and Systems Biology Seminar, University of Chicago, IL
04/2024 Keynote speaker, Department of Neuroscience Retreat, UT Southwestern Medical Center, TX
04/2024 Center for Mechanisms of Evolution, Arizona State University, AZ
03/2024 "Origins of new cell types: questions for the single-cell era", The Francis Crick Institute, London, UK
02/2024 Department of Entomology, University of Georgia, GA
01/2024 Department of Entomology, University of California Riverside, CA

2023:

12/2023 Department of Biology, University of Washington, WA
11/2023 Department of Biology, University of California San Diego, CA
10/2023 Simons Foundation Presidential Lecture, Simons Foundation, NY
10/2023 Department of Biology, New York University, NY
09/2023 Ecology and Evolution Seminar Series, University of California, Davis, CA
09/2023 Center for Ecological and Evolutionary Dynamics, University of Southern California, CA
04/2023 "Neuro-Evo: A Comparative Approach to Cracking Circuit Function III", HHMI Janelia Research Campus, VA
03/2023 Zuckerman Mind Brain Behavior Institute, Columbia University, NY
01/2023 European Molecular Biology Laboratory (EMBL), Heidelberg

2022:

11/2022 Department of Biology, Technische Universität Darmstadt, Germany
10/2022 Ecology and Evolution seminar series, University of Nevada, Reno, NV
09/2022 Basic Science Seminar, University of California San Francisco, CA
09/2022 Department of Ecology and Evolutionary Biology, Princeton University, NJ
06/2022 Max Planck Institute for Chemical Ecology, Jena, Germany "Frontiers in Chemical Ecology" symposium
04/2022 "Constancy and Plasticity in Development and Evolution" workshop, Ben-Gurion University of the Negev, Israel
04/2022 Department of Entomology, Montana State University, Bozeman, MT

2021:

08/2021 Arcadia Science Day, San Francisco, CA
06/2021 "Multi-agent Behavior: Representation, Modeling, Measurement, and Applications, Conference on Computer Vision and Pattern Recognition", Virtual meeting
04/2021 Biology Colloquium, Illinois Institute of Technology, Chicago, IL
04/2021 College of Biological Sciences, University of Minnesota, MN
03/2021 IEEE Aerospace Symposium Plenary Lecture
02/2021 Max Planck Institute for Chemical Ecology, Jena, Germany

2020:

12/2020 Department of Biology, University of Utah, UT
11/2020 Department of Zoology, University of Cambridge, UK

10/2020 Department of Physiology, McGill University, Montreal, Canada
07/2020 US Kavli Frontiers of Science Symposium
07/2020 Society for Developmental Biology 79th Annual Meeting, Chicago, IL
06/2020 Caltech Chen Institute Workshop: *Measurement and Analysis of Behavior*
06/2020 Department of Zoology, University of British Columbia, Vancouver, Canada
03/2020 Life Science Lecture Series, Cornell University, Ithaca, NY
01/2020 Ecology, Evolution, and Conservation of Biodiversity Seminar Series, Oregon State University, OR

2019:

12/2019 Watson Lecture, Caltech, Pasadena, CA
11/2019 Japan Society for the Promotion of Science 35th International Prize for Biology Symposium, Tokyo, Japan
11/2019 School of Life Sciences, Arizona State University, AZ
10/2019 Department of Biology, Occidental College, CA
06/2019 International Geobiology Symposium, Caltech, Pasadena, CA
04/2019 Caltech Alumni Association, Santa Barbara, CA
03/2019 "New Genetic Tools for Non-Model Organisms" Conference, HHMI Janelia Research Campus, VA
03/2019 Journal of Experimental Biology Symposium 2019: "Genome Editing for Comparative Physiology", Massa Marittima, Italy
02/2019 Visipedia Machine Vision Retreat, Google San Diego, CA
02/2019 Division of Biological Sciences, University of Montana, MT
01/2019 Caltech Center for Environmental Microbial Interactions Winter Gala, Pasadena, CA
12/2018 Harvard Museum of Comparative Zoology, Cambridge, MA

2018 and earlier:

12/2018 Cambridge Entomological Club, Cambridge, MA
11/2018 Department of Entomology, Ohio State University, OH
11/2018 Entomological Society of America conference, Vancouver, Canada
10/2018 Department of Evolution, Ecology, and Organismal Biology, University of California Riverside, CA
07/2018 Society for Developmental Biology 77th Annual Meeting, Portland, OR
06/2018 Lorquin Entomological Society meeting, Los Angeles, CA
05/2018 Caltech Alumni Association Seminar Day, Pasadena, CA
03/2017 Department of Entomology, University of Illinois, IL
02/2017 Department of Biology, Texas A&M University, TX
02/2017 Department of Biology, University of Pennsylvania, PA
02/2017 Department of Biology, University of Rochester, NY
02/2017 Department of Biology and Biological Engineering, California Institute of Technology "New Horizons in Organismal Biology" Symposium, Pasadena, CA
01/2017 Rockefeller University, New York, NY
11/2016 New York Entomological Society, NY
11/2016 Department of Biology, New York University, NY
10/2016 Comparative Biology seminar series, American Museum of Natural History, NY
09/2016 Plenary speaker: The Coleopterist's Society Annual Meeting, XXV International Congress of Entomology, Orlando, FL
03/2016 Department of Biology and Biological Engineering, California Institute of Technology "New Horizons in Biology" Symposium, Pasadena, CA

02/2016 Department of Agricultural and Environmental Sciences, Clemson University, SC
09/2015 Department of Zoology, University of Cambridge, UK
02/2015 Stowers Institute for Biomedical Research, Kansas City, MO
09/2014 Rockefeller University, New York, NY
03/2014 Department of Zoology, Michigan State University, MI
01/2014 Division of Integrative Biology, UT Austin, TX
04/2013 Department of Biological Sciences, Louisiana State University, LA
04/2012 Department of Zoology, Miami University, OH
05/2011 Department of Biology, Shinshu University, Matsumoto, Japan
09/2006 Plenary speaker: The Wallace Award Lecture, Royal Entomological Society Ento '06 meeting, University of Bath, UK
09/2005 National Institute of Medical Research, Mill Hill, London, UK

TEACHING

04-06/2025 **Caltech B1e: Evolution of the Biosphere** (undergraduate course, 9 units)
09-12/2023 **Caltech Bi270a: Symbiosis: Origins, Mechanisms and Diversity** (special topics graduate course, 9 units. Instructors: McFall-Ngai, Parker, Mazmanian)
09-12/2020 **Caltech Bi270: Machine Learning in Ecology and Biodiversity** (special topics graduate course, 9 units)
04-07/2019-2023 **Caltech Bi160: Molecular Basis of Animal Evolution** (graduate and upper undergraduate course; 9 units, lecture series, computational evolutionary biology lab class involving fieldwork, genome sequencing and assembly, comparative genomic analyses)
03/2013-03/2017 **Regulation and Evolution of Animal Size and Shape** (Columbia University Dept. Genetics and Development, graduate course (lectures, practical and final exam).

MENTORSHIP

Postdoctoral Advisor

2024-present Ling Sheng Loh
2024-present Ti Eriksson
2020-present Jess Kanwal (Helen Hay Whitney Fellowship recipient; L'Oreal for Women in Science Awardee)
2018-2022 Adrian Brückner (Simons Foundation Fellowship in the Life Sciences recipient)
2018-2022 Sheila Kitchen (BBE Divisional Fellowship recipient)

Graduate Student Advisor:

2024-present Esther Okamoto (Biology program; NSF GRFP recipient)
2024-present Manuel Holguin (Biochemistry and Molecular Biophysics program)
2023-present Tarun Sharma (Computation and Neural Systems program)
2022-present Joanni Viliunas (Biology program; NSF GRFP recipient)
2022-present Hayley Smihula (Neurobiology program)
2021-2023 Hannah Ryon (Biology program)
2020-present Jean Badroos (Biochemistry and Molecular Biophysics program)

2019–2022 Tae Han Kim (Neurobiology program)
2018–present Yuriko Kishi (Biology program)
2018–2022 David Miller (Biology program)
2018–present Thomas Naragon (Chemistry program)
2018–2024 Julian Wagner (Biology program; NSF GRFP recipient)

Rotation Student Advisor:

2023 Ayo Adewakun (Neurobiology program)
2023 Trevor Wolf (Neurobiology program)
2023 Surya Narayanan (Biology program)
2022 Vera Beilinson (Biology program)
2022 Sarah Weissflog (Biology program)
2022 Marina Lecouche (Biology program)
2022 Noah Robinson (Bioengineering program)
2021 Alec Lourenco (Biochemistry and Molecular Biophysics program)
2018 Steven Wilbert (Biology program)
2018 Jessica Griffiths (Biology program)
2018 Lev Tsypin (Biology program)
2018 Dylan Bannon (Biology program)

Graduate Student Committee Member:

2023–present Pratyush Kandimalla (Hong lab, BBE, Caltech)
2023–present Noah Robinson (Wang lab, BBE, Caltech)
2022–2023 Tarun Sharma (Dickinson lab, BBE, Caltech)
2022–2023 Victoria Jorgensen (Zernicka-Goetz lab, BBE, Caltech)
2022–present Noah Tashbook (Eiler/Kirschvink labs, GPS, Caltech)
2020–present Tom Roeschinger (Phillips lab, BBE, Caltech)
2020–present Hugo Urrutia (Bronner lab, BBE, Caltech)
2020–2023 Fayth Tan (Goentoro lab, BBE, Caltech)
2019–2021 Elena Perry (Newman lab, BBE, Caltech)
2019–2022 Robert Buarque de Macedo (Andrade lab, EAS, Caltech)
2019–2023 Lev Tsypin (Newman lab, BBE, Caltech)
2019–2024 Peiwei Chen (Aravin lab, BBE, Caltech)
2019–present Aditi Narayanan (Orphan lab, GPS, Caltech)
2018–2021 Alysha de Souza (Dickinson lab, BBE, Caltech)
2018–2019 James Lee (Sternberg lab, BBE, Caltech)
2018–2024 Francesca Ponce (Dickinson lab, BBE, Caltech)
2017–2021 Cynthia Chai (Sternberg lab, BBE, Caltech)
2017–2021 Alison Koontz (Bronner lab, BBE, Caltech)
2017–present Heather Curtis (Stathopoulos lab, BBE, Caltech)
2017–2021 Shashank Ghandi (Bronner lab, BBE, Caltech)
2016–2020 Laura Vasquez Velez (Caterino lab, Clemson University, SC)

Undergraduates mentored:

06–08/2024 EVO-WAVE Scholar: Jenasis Campbell (Georgia Tech)
06–08/2024 EVO-WAVE Scholar: Primrose Tanachaiwiwat (University of Florida)
06–08/2023 AMGEN Scholar: Arianna de la Torre Roehl (UC Berkeley)
06–08/2023 SURF Scholar: Jessica Yin (Caltech)
06–08/2023 WAVE Scholar: Camila Romero (West Virginia University)

06-08/2023	WAVE Scholar: Maria Jaimes (Indiana University Bloomington)
06-08/2022	SURF Scholar: Tighe Didden (Caltech)
06-08/2022	SURF Scholar: Aditee Prabhutendolkar (Caltech)
06-08/2022	SURF Scholar: Danny Collinson (Caltech)
06-08/2022	SURF Scholar: Milan Robinson (UC Berkeley)
06-08/2022	SURF Scholar: Jonayet Lavin (Caltech)
06-08/2022	SURF Scholar: Veronica Muller (Caltech)
06-08/2022	AMGEN Scholar: Robert Hall (UW-Madison)
06-08/2022	Arianna de la Torre Roehl (UC Berkeley)
06-08/2021	SURF Scholar: Jack Nguyen (Caltech)
06-08/2021	AMGEN Scholar: Alana Weiss (Pomona College)
09/2020-present	SURF Scholar: Angel Wang (Caltech)
09/2020-present	SURF Scholar: Ysabel Yang (Caltech)
06-08/2019	SURF Scholar: Austin Harvard (Caltech)
06-08/2019	SURF Scholar: Natali Lelieur (Caltech)
06-08/2019	SURF Scholar: Nicole Heflin (Caltech)
06-08/2019	AMGEN Scholar: Joycelyn Yiu (Rice University)
05-09/2019	VERP Scholar: Jack Chen (University of Toronto)
06-08/2018	SURF Scholar: Shirley Zhu (Caltech)
06-08/2018	AMGEN Scholar: Christina Park (Harvard University)
06-08/2018	AMGEN Scholar: Carrie Hicks (University of Denver)
07/2014-2017	Isaiah Thomas, Columbia University, NY
05/2008-09/2009	Harrison Hsu, Columbia University, NY