

Associate Professor Adam C. Martiny

University of California – Irvine
Department of Earth System Science
Department of Ecology and Evolutionary Biology
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A. Professional Preparation:

Technical University of Denmark	Chemical Engineering	M.S. 2000
Technical University of Denmark	Environmental Microbiology	Ph.D. 2003
Massachusetts Institute of Technology	Ocean Microbiology, Post Doctoral scholar	2003 - 06

B. Scientific Appointments:

Assistant Professor, Dept. of Earth System Science and Dept. of Ecology and Evolutionary Biology
University of California – Irvine 2006 – 2012

Visiting Professor – University of Copenhagen 2012 – 2013

Associate Professor, Dept. of Earth System Science and Dept. of Ecology and Evolutionary Biology
University of California – Irvine 2012 – current

C. Publications

In review

Published

35. Amy E. Zimmerman, **Adam C. Martiny**, Michael W. Lomas, and Steven D. Allison. Phosphate supply explains variation in nucleic acid allocation but not C:P stoichiometry in the Western North Atlantic. *Biogeosci. Disc.* 2013.
34. **Desiree Unsworth**, **Adam C. Martiny**, and Jeffrey A. Russell. Presence of *Staphylococcus aureus* in a university dance environment. *In press.* 2013.
33. **Cecilia Batmalle**, Hsin-I Chiang, Kun Zhang, Michael W. Lomas, and **Adam C. Martiny**. Development and bias assessment of a method for targeted metagenomic sequencing of marine Cyanobacteria. *Appl. Env. Microbiol.* 2013.
32. Amy Zimmerman, Steven D. Allison, and **Adam C. Martiny**. Elemental stoichiometry and resource allocation in heterotrophic marine bacteria. *Env. Microbiol.* 2013.
31. Mari Nyssönen, Huu M. Tran, Ulas Karaoz, Claudia Weihe, Masood Z. Hadi, Jennifer B. H. Martiny, **Adam C. Martiny**, Eoin L. Brodie. Coupled high-throughput functional screening and next generation sequencing for identification of plant polymer decomposing enzymes in metagenomic libraries. *Front. Microbiol.*, doi: 10.3389/fmicb.2013.00282. 2013.

30. **Adam C. Martiny**, Jasper A. Vrugt, Francois W. Primeau, and Michael W. Lomas. Regional variation in the particulate organic carbon to nitrogen ratio in the surface ocean. *Global Biogeochem Cy.* 2013.
29. **Pedro Flombaum, José L. Gallegos, Rodolfo A. Gordillo, José Rincón**, Lina L. Zabala, Nianzhi Jiao, David M. Karl, William K. W. Li, Michael W. Lomas, Daniele Veneziano, Carolina S. Vera, Jasper A. Vrugt, and **Adam C. Martiny**. Present and future global distributions of the marine Cyanobacteria *Prochlorococcus* and *Synechococcus*. PNAS, 2013.
28. **Stephen M. Hatosy**, Jennifer B. H. Martiny, Rohan Sachdeva, Joshua Steele, Jed A. Fuhrman, and **Adam C. Martiny**. Beta-diversity of marine bacteria depends on temporal scale. *Ecology* 2013.
27. Juan A. Bonachela, Steven D. Allison, **Adam C. Martiny**, and Simon A. Levin. A model for variable phytoplankton stoichiometry based on cell protein regulation. *Biogeosciences*, 2013.
26. **Adam C. Martiny, Chau T. A. Pham**, Francois W. Primeau, Jasper A. Vrugt, J. Keith Moore, Simon A. Levin, and Michael W. Lomas. Strong latitudinal patterns in the elemental ratios of marine plankton and organic matter. *Nat. Geosci.* 2013.
25. **Renaud Berlemont** and **Adam C. Martiny**. Phylogenetic distribution of potential cellulases in bacteria. *Appl. Environ. Microbiol.* 2013.
24. Amy Zimmerman, **Adam C. Martiny**, and Steven Allison. Fine-scale phylogenetic clustering of resource-acquiring enzyme genes among sequenced prokaryotic genomes. *ISME J.* 2013.
23. Steven D. Allison, Ying Lu, Claudia Weihe, Michael L. Goulden, **Adam C. Martiny**, Kathleen K. Treseder, Jennifer B. H. Martiny. Microbial abundance and composition influence litter decomposition response to environmental change. *Ecology.* 2013
22. **Adam C. Martiny**, Kathleen Treseder, and Gordon Pusch. Phylogenetic conservatism of functional traits in microorganisms. *ISME J.* 2013.
21. Anthony S. Amend, Tom A. Oliver, Linda A. Amaral-Zettler, Antje Boetius, Jed A. Fuhrman, M. Claire Horner-Devine, Susan M. Huse, David B. Mark Welch, **Adam C. Martiny**, Alban Ramette, Lucie Zinger, Mitchell L. Sogin, and Jennifer B. H. Martiny. Macroecological Patterns of Marine Bacteria on a Global Scale. *J. Biogeo.* 2013.
20. Steven D. Allison, Yi Chao, John D. Farrara, **Stephen Hatosy**, and **Adam C. Martiny**. Fine-scale temporal variation in marine ectoenzymes of coastal southern California. *Front. Microbio.* 3:301. doi: 10.3389/fmicb.2012.00301. 2012.
19. **Freitas, S., Hatosy, S., Fuhrman, J.A., Huse, S.M., Mark Welch, D.B., Sogin, M.L., and A.C. Martiny**. Global distribution and diversity of marine *Verrucomicrobia*. *ISME J.* 2012.
18. **Martiny, A.C.**, Martiny, J.B.H., Weihe, C., **Field, A.**, and J. Ellis. Functional metagenomics reveals previously unrecognized diversity of antibiotic resistance genes in gulls. *Front. Microbio.* 2:238. doi: 10.3389/fmicb.2011.00238
17. **Kathuria, S.K.** and **A.C. Martiny**. Prevalence of a calcium-based alkaline phosphatase associated with the marine cyanobacterium *Prochlorococcus* and other ocean bacteria. *Environ. Microbiol.* 13:74-83. 2011.

16. Rusch, D.B., **Martiny, A.C.**, Dupont, C.L., Halpern, A.L., and J.C. Venter. Characterization of *Prochlorococcus* clades from iron depleted oceanic regions. PNAS 107:16184-89. 2010.
15. Malmstrom, R.R., Coe, A., Kettler, G.C., **Martiny, A.C.**, Frias-Lopez, J., Zinser, E.R., and S.W. Chisholm. Temporal dynamics of *Prochlorococcus* ecotypes in the Atlantic and Pacific oceans. ISME J. 2010
14. **Martiny, A.C.**, **Kathuria, S.K.**, and P. Berube. Widespread metabolic potential for nitrite and nitrate assimilation among *Prochlorococcus* ecotypes. PNAS 106:10787-92 2009. 2009.
13. **Martiny, A.C.**, Huang, Y. and W. Li. Occurrence of phosphate acquisition genes in *Prochlorococcus* cells from different ocean regions. Environ. Microbiol. 11:1340-47. 2009.
12. **Martiny, A.C.**, Tai, A.P.K., Veneziano, D., Primeau, F. and S.W. Chisholm. Taxonomic resolution, ecotypes, and the biogeography of *Prochlorococcus*. Environ. Microbiol. 11:823-32. 2009.
11. Horner-Devine, M.C. and **A.C. Martiny**. News about Nitrogen. Science 320:757-758. 2008.
10. Kettler, G., **Martiny, A.C.**, Huang, K., Zucker, J., Coleman, M.L., Rodrigue, S., Chen, F., Lapidus, A., Ferriera, S., Johnson, J., Steglich, C., Richardson, P., Church, G.M. and S.W. Chisholm. Patterns and Implications of Gene Gain and Loss in the Evolution of *Prochlorococcus*. PLoS Genet. 3(12): e231. 2007.
9. **Martiny, A.C.**, Coleman, M.L. and S.W. Chisholm. Phosphate acquisition genes in *Prochlorococcus* ecotypes: Evidence for genome-wide adaptation. PNAS 103:12552-12557. 2006.
8. Zhang, K., **Martiny, A.C.**, Reppas, N.B., Barry, K.W., Malek, J., Chisholm, S.W. and G.M. Church. Sequencing of genomes from single cells with polymerase cloning. Nature Biotech., 24:680-86. 2006.
7. Coleman, M.L., Sullivan, M.B., **Martiny, A.C.**, Steglich, C., DeLong, E.F., and S.W. Chisholm. Genomic islands and the ecology and evolution of *Prochlorococcus*. Science 311:1768-70. 2006.
6. Zinser, E.R., Coe, A., Johnson, Z.I., **Martiny, A.C.**, Fuller, N.J., Scanlan, D.J., and S.W. Chisholm. *Prochlorococcus* ecotype abundances in the North Atlantic Ocean as revealed by an improved quantitative PCR method. Appl. Env. Microbiol. 72:723-732. 2006.
5. **Martiny, A.C.**, Albrechtsen, H.-J., Arvin, E., and S. Molin. Identification of biofilm and bulk water bacteria in a non-chlorinated model drinking water distribution system: Detection of a large nitrite oxidizing population associated with *Nitrospira*. Appl. Env. Microbiol. 71:8611-8617. 2005.
4. Holm, A.-C., **Martiny, A.C.**, Hoffman-Bang, J., Ahring, B.K., and M. Kilstrup. Identification of bacteria from archeological wood. Int. Biodeter. and Bioeng. 53:79-88. 2004.
3. **Martiny, A.C.**, Jørgensen, T.M., Albrechtsen, H.-J., Arvin, E., and S. Molin. 2003. Long-term succession in structure and diversity of a biofilm formed in a model drinking water distribution system. Appl. Env. Microbiol. 69:6899-6907

2. Boe-Hansen, R., **Martiny, A.C.**, Arvin, E., and H.-J. Albrechtsen. Monitoring biofilm formation and activity in drinking water distribution networks under oligotrophic conditions. *Wat. Sci. Tech.* 47 (5) 91 – 97. 2003.
1. **Martiny, A.C.**, Nielsen, A.T., Arvin, E., Molin, S., and H.-J. Albrechtsen. *In situ* examination of microbial populations in a model drinking water distribution system. *Wat. Sci. Tech.: Wat. Suppl.*, 2, 283-288. 2002.

Book chapters

2. **Martiny, A.C.**, Huang, Y., and W. Li. Adaptation to Nutrient Availability in Marine Microorganisms by Gene Gain and Loss. *Molecular Ecology Handbook* 2:26:269-276. 2011.
1. Albrechtsen, H.-J., **Martiny, A.C.**, Arvin, E., and S. Molin. Biofilmdannelse i ledningsnet : populationssammensætning i vand- og biofilmprøver (in Danish). *Vandforsyningsteknik* 55:35-43. 2006.

D: Research Funding

National Science Foundation: MRI: Acquisition of Mobile Flow Cytometry and Cell Sorting Facility for Microbiological Research and Minority Student Training	2011 – 2013
PI: A. Martiny , co-PIs: J. Martiny, Lodoen, Mota-Bravo	
Total award: \$731,499 (all UCI)	
National Science Foundation: Dimensions: Collaborative research: Biological controls of the ocean C:N:P ratios	2011 – 2016
PI: A. Martiny , co-PIs: Allison, Levin, Lomas, and Zhang	
Total Award: \$2,999,000, UCI: \$1,030,458	
DOE: Can microbial functional traits predict the response and resilience of decomposition to global change?	2010 – 2013
PI: Allison, co-PIs: A.Martiny , J.Martiny, Treseder, Brodie	
Total Award: \$2,990,000, UCI: \$2,383,120	
National Science Foundation: Collaborative Research: <i>Prochlorococcus</i> and its contribution to new production in the Sargasso Sea	2009 – 2013
PI: A.Martiny , co-PI: Lomas	
Total Award: \$1,165,368, UCI: \$657,830	
National Science Foundation: MSB: Do cheaters ever win? Examining microbial competition and extracellular enzyme production	2009 – 2011
PI: Allison, co-PI: A.Martiny	
Total Award: \$135,001 (all UCI)	
University of California: Conversion of glycerol waste to biofuel using <i>Chlorella protothecoides</i>	2008
PI: A. Martiny	
Total Award: \$7,460	
Broad Institute Solexa sequencing award	2007
PI: Chisholm, co-PI: A.Martiny	

E: Awards and Fellowships

Outstanding Contributions to Undergraduate Education award	2011
First Prize Real-Time PCR award from Applied Biosystems	2006
Postdoctoral fellowship from the Danish National Science Foundation	2003
Ph.D. fellowship from Technical University of Denmark	2000
Travel and research fellowships (total app. \$50,000) from:	1997 – 2001
Plasmid Fonden (3x), Fabrikant P.A. Fiskers Fond, COWI Fondet, Familien Hede Niensens Fond (3x), Ing. Alexander og hustru Nina Haynmans Fond, Knud Højgaards Fond (3x), Valdemar Selmer Trane og hustrus Fond (2x), Julie Damns Studiefond, Otto Mønstedes Fond	

F: Teaching Experience

Quarter	Class name	Enrollment
<i>Undergraduate classes</i>		
Fall 2007	Environmental Microbiology	45
Spring 2008	Oceans and Climate Change	15
Winter 2009	Environmental Microbiology	30
Winter 2010	Environmental Microbiology	30
Winter 2011	Oceanography	321
Winter 2012	Oceanography	236
Winter 2012	Organisms to Ecosystems	344
Fall 2013	Environmental Microbiology	NA
<i>Graduate (Ph.D.) classes</i>		
Spring 2009	Ocean Ecology	9
Spring 2010	Ocean Ecology	9

Other teaching:

1. Teaching assistant at several classes at DTU
2. Teaching assistant for two summers at Microbial Diversity Course in Woods Hole, Massachusetts while a Ph.D. student at DTU
3. I participated in the 2008 - 2011 summer Research Experience for Undergraduate Students programs at UCI. This is a eight week summer school for visiting undergraduate student and sponsored by NSF. This included giving lectures and mentoring students.
4. I have given guest lectures in a suite of other classes including Ecology and Evolutionary Biology, ESS Research Topics, Topics in Ecology and Evolutionary Biology, Oceanography, Advanced Topics in Ecology, and Marine Genomics”.
5. I have mentored 60+ undergraduate students that have been doing a research project in my laboratory. I have also advised one master student, three graduate students, and four post docs.

G: Conference Proceedings

36. **M. Hernandez, A. Talarmin.** Dynamics of Phytoplankton at Newport Pier Coastal Station. CAMP Undergraduate Symposium, UCI, 2013

35. **J.A. Lee, C. Mouginot, S.M. Hatosy, A. Talarmin & A.C. Martiny.** Variability of the C:N:P ratios of the particulate organic matter at Newport Beach Pier. Southern California Geobiology Conference, Caltech, 2013
34. **C. Mouginot, E.A. Lee & A.C. Martiny.** Resource allocation by a marine Cyanobacteria in response to different supply ratios. Southern California Geobiology Conference, Caltech, 2013
33. **C.S. Batmalle, S. Hsin-i, K. Zhang, M.W. Lomas, A.C. Martiny.** Temporal and spatial variations in genome content of *Prochlorococcus* and *Synechococcus* populations. Southern California Geobiology Conference, Caltech, 2013
32. **R. Berlemont, S.D. Allison & A.C. Martiny** Metagenomics of microbial communities from the leaf litter - Insights into the plant-polymer degradation. DOE Genomic Science Contractors-Grantees Meeting. 2013
31. M.W. Lomas, **A.C. Martiny**, S.B. Moran, T. Richardson, B. van Mooy. Small cells, the Redfield ratio, and particulate carbon export in the ocean. IMBER IMBIZO 2013.
30. **A.G. Kent and A.C. Martiny.** Geographical differentiation of the genome content of the marine cyanobacterium *Prochlorococcus*. Southern California Systems Biology Conference. 2012.
29. **C.S. Batmalle, S. Hsin-i, K. Zhang, M.W. Lomas, A.C. Martiny.** Implementation of next-generation sequencing using Nextera on the marine Cyanobacteria *Prochlorococcus* and *Synechococcus*. ISME-14. 2012
28. **C.S. Batmalle, M.W. Lomas, A.C. Martiny.** Metagenomic Sequencing of *Prochlorococcus* and *Synechococcus* field populations using cell sorting and whole genome amplification. Southern California Geobiology Conference, UC Riverside, 2012
27. A.E. Zimmerman, S.D. Allison, and **A.C. Martiny.** Phylogenetic diversity of cellular stoichiometry among marine bacteria. ISME-14. 2012.
26. **Hatosy, S., Fields, A.J., and A.C. Martiny.** Widespread potential of antibiotic resistance in marine habitats. ASM Annual Meeting. 2012.
25. **Unsworth, D.,** Russell, J.W., and **A.C. Martiny.** Presence of *Staphylococcus aureus* in the collegiate dance environment. IADSM. 2012.
24. Nyssönen, M., Weihe, C., Goulden, M., Treseder, K., **Martiny, A.C.,** Martiny, J., Allison, S.D., E. Brodie. Reconciling phylogeny and function during plant litter decomposition by high-throughput functional metagenomics. Genomic Science Contractors-Grantees Meeting. 2012.
23. **Berlemont, R. and A.C. Martiny.** Phylogenetic distribution of potential cellulases in bacteria. Genomic Science Contractors-Grantees Meeting. 2012.
22. Nyssönen, M., Weihe, C., Goulden, M., Treseder, K., **Martiny, A.C.,** Martiny, J., Allison, S.D., E. Brodie. Functional metagenomics of plant litter decomposition. 3rd Annual Argonne National Laboratory Soil Metagenomics Workshop. 2011.
21. Zimmerman, A.E., **Martiny, A.C.,** and S.D. Allison. Cellular stoichiometry of the marine *Roseobacter* lineage. Ecological Society of America annual meeting. 2011.
20. **Pham, C.,** Lomas, M.W., Primeau, F., Moore, J.K., and **A.C. Martiny.** Latitudinal gradient of marine plankton N/P ratios. Southern California Geobiology meeting. 2011.

19. Allison, S.D., Brodie, E., Goulden, M., **Martiny, A.C.**, Martiny, J., Treseder, K., Lu, Y., Nyssonen, M., and C. Weihe. Can microbial functional traits predict the response and resilience of decomposition to global change? Genomic Science Contractors-Grantees Meeting. 2011.
18. **Martiny, A.C.**, Treseder, K., and Pusch, G. A nested model for linking phylogeny and functional traits in microorganisms. Genomic Science Contractors-Grantees Meeting. 2011.
17. Dupont, C., Rusch, D., **Martiny, A.C.**, and R. Lasken. Integrated studies of uncultured microbes in the global ocean. AGU Fall Meeting. 2010.
16. **Batmalle, C.**, Lomas, M.W., and **Martiny, A.C.** Metagenomic analysis of *Prochlorococcus* populations using cell sorting and multiple displacement amplification. ISME-13. 2010.
15. **Hatosy, S.**, Neino, V., **Lee, J.**, Tran, T., **Bui, H.**, **Heetland, A.**, **Ho, D.**, **League, C.**, **Takagi, B.**, **Kathuria, S.**, Allison, S.D., and **A.C. Martiny**. Multi-temporal scale variation of enzyme activity. ISME-13. 2010.
14. **Martiny, A.C.**, Rusch, D., Dupont, C., **Kathuria, S.**, and **C. Batmalle**. *Prochlorococcus* genome content and the biogeochemical implications. ISME-13. 2010.
13. Malmstrom, R.R., Coe, A., Kettler, G.C., **Martiny, A.C.**, Frias-Lopez, J., Zinser, E.R., and S.W. Chisholm. Temporal dynamics of *Prochlorococcus* ecotypes in the Atlantic and Pacific Oceans. ISME-13. 2010.
12. Rusch, D., **Martiny, A.C.**, Dupont, C., Halpern, A. and J.C. Venter. Metagenomic characterization of novel *Prochlorococcus* clades from iron depleted oceanic regions. DOE GtL workshop, Washington, D.C. 2010.
11. **Flombaum, P.**, Veneziano, D., **Gallegos, J.L.**, **Gordillo, R.**, **Rincón, J.**, and **A.C. Martiny**. Global abundance and distribution of *Prochlorococcus* and *Synechococcus*, two dominant marine phytoplankton. IV Reunión Binacional de Ecología, Buenos Aires. 2010.
10. **Wiedenbeck, J.K.**, Neino, V., Allison, S.D., and **A.C. Martiny**. Ectoenzyme activity in coastal marine waters: response to temperature and metal ion availability. Ocean Sciences meeting. 2010.
9. **Martiny, A.C.** Influence of environmental variation on the genome content of *Prochlorococcus* and the biogeochemical implications. Ocean Sciences meeting. 2010.
8. **Wiedenbeck, J.K.**, Neino, V., Allison, S.D., and **A.C. Martiny**. Ectoenzyme activity in coastal marine waters: response to temperature and metal ion availability. AGU Annual Meeting. 2009.
7. Rodrigue, S., Malmstrom, R., Henn, M., Zhang, K., **Martiny, A.C.**, Church, G., and S.W. Chisholm. Single-cell genomics of *Prochlorococcus*. *Prochlorococcus* fest, Boston. 2008.
6. **Martiny, A.C.**, Huang, Y., **Kathuria, S.**, **Flombaum, P.**, and W. Li. Genetic adaptation to nutrient limitation in *Prochlorococcus*. Metagenomics'08. 2008.
5. **Martiny, A.C.**, Tai, P.K.A., Thompson, A.W., and S.W. Chisholm. Distribution and variation of *Prochlorococcus* genotypes across multiple oceanic habitats. DOE GtL workshop, Washington, D.C. 2005.

4. Albrechtsen, H.-J., **Martiny, A.C.**, Arvin, E., and S. Molin. Long-term biofilm formation in a model drinking water distribution system - beyond culturability: structure and diversity. International symposium on health-related water microbiology. 2005.
3. **Martiny, A.C.**, Albrechtsen, H.-J., Arvin, E., and S. Molin. Microbial diversity in non-chlorinated drinking water distribution systems – detection of a large nitrifying population. ISME-10. 2004.
2. **Martiny, A.C.**, Albrechtsen, H.-J., Arvin, E., and S. Molin. Diversity of culturable bacteria in a drinking water distribution system based on 16S RRNA analysis. ISME-9. 2001.
1. **Martiny, A.C.**, Albrechtsen, H.-J., Arvin, E., and S. Molin. Diversity of culturable bacteria in a drinking water distribution system based on 16S RRNA analysis. ASM Biofilm 2000.

H: Invited Seminars

Aarhus Universitet, Geomicrobiology Group	2013
Syddansk Universitet, Odense, Department Seminar	2013
ISME-14, Invited talk	2012
2012 EU-US Training course on Marine Bioinformatics, Bremen	2012
Frontiers in Metagenomics workshop, U. of Missouri	2012
Technical University of Denmark, Department seminar	2011
University of Copenhagen, Department seminar	2011
UCI Physical Sciences Breakfast lecture	2011
“The Molecular Biology of Biogeochemistry: Using molecular methods to link ocean chemistry with biological activity” workshop, Los Angeles, Invited presentation	2010
“Effect of climate change on Southern California Bight” workshop, Los Angeles, Invited presentation	2010
Gordon Research Conference for Marine Microbiology, Invited presentation	2010
Caltech, Department seminar	2010
UCI, Evolution group seminar	2010
UCSD – Scripps, San Diego, Department Seminar	2010
University of Washington, Seattle, Department seminar as part of the “Young Investigators Seminar Series”	2009
University of Southern California, Department Seminar	2009
Metagenomics’08, San Diego, poster	2008
University of California, Los Angeles, Seminar	2008
Ocean and Climate Change, Newkirk Center, Irvine, Oral presentation	2008
UCI, Department seminar	2008
University of Washington, Seattle, Seminar	2008
California Metagenomics meeting	2007
UCI, Department seminar	2006
Brown University, Providence, Department seminar	2006
University of Texas, Austin, Seminar	2005

International Symposium on the Genomics of Marine Phytoplankton, Keynote address	2005
Brown University, Providence, Department seminar	2005
Biofilm 2002, Oral presentation	2002
IWA - World Water Congress in Berlin, Germany, Oral presentation	2001
R ³ meeting in Stockholm, Sweden, Oral presentation	2001
University of Minnesota, Minneapolis, seminar	2000

I: Mentor

Post Docs

Nathan Garcia	Current	2013 – current
Agathe Talarmin	Current	2012 – current
Renaud Berlemont	Current	2011 – current
Pedro Flombaum	Now at CIMA, Argentina	2008 – 2009

Graduate Students (Chair)

Alyssa Kent	EEB/MCB	2012 – current
Stephen Hatosy	EEB, advanced to candidacy	2009 – current
Chau Pham	ESS, M.Sc.	2008 – 2011
Cecilia Batmalle	EEB, advanced to candidacy	2008 – current

Graduate Students (Committee)

Elliot Sherman	ESS	2011 – current
Shaun Hug	EEB/MCB	2011 – current
Alan Durbin	EEB	2011 – 2012
Nameer Baker	EEB	2011 – current
Ann Bardin	ESS	2009 – current
Alejandra Rodriguez	EEB	2009 – current
Amy Zimmerman	EEB	2008 – 2013
China Hanson	EEB	2007 – 2012
Irina Irvine	EEB	2007 – 2011

Undergraduate Students

Jeremy Huang	UCI – Biological Sciences	2012 – current
Jessica Oquist	Orange Coast College	2012 – current
Jeralyn Biscocho	UCI – Earth and Environmental Science	2012 – current
Caleb Jimenez	UCI – Earth and Environmental Science	2012 – current
Zachary Chan	UCI – Earth and Environmental Science	2012 – current
Erik Lee	UCI – Earth and Environmental Science	2012 – current
Rika Kawamura	UCI – Earth and Environmental Science ESS Honors	2012 – current
Jeannette Lee	UCI – Earth and Environmental Science	2012 – current
Ella Yuen	UCI – Earth and Environmental Science	2012
Joshua Lin	UCI - Public Health	2012 – 2012
Arianna Houriani	UCI – Business and Biological Sciences	2011 – current
Yasmin Oskooilar	UCI – Biological Sciences	2011 – 2012

Khang Duy Nguyen	UCI – Biological Sciences	2011 – 2012
Michelle Xu	UCI – Biological Sciences	2011 – current
Nick Kelley	South Dakota State (REU student)	2011
Allison Moreno	CSU – Monterey (REU student)	2011
Brittany Chew	UCI – Public Health Campus Honors program	2011 – current
Kinshuk Chatterjee	UCI – Biological Sciences	2011 – current
Mason Montoya	UCI – Biological Sciences	2011
Stephanie Suen	UCI – Biological Sciences	2011
Ashley Lim	UCI – Biological Sciences	2011 – current
Caitlyn Lee	UCI – Biological Sciences	2011 – current
Catherine Chen	UCI – Biological Sciences	2010 – 2011
Kevin Hutton	UCI – Computer Science	2010
Desiree Unsworth	UCI – Public Health Campus honors	2010 – 2011
Sara Freitas	UCI – Earth and Environmental Science ESS outstanding senior of the year ESS honors	2010 – 2011
Samar Abedrabbo	UCI – Biological Sciences Robert Young Award Excellence in Research	2010 – 2011
Santiago Salazar	UCI (BRIDGE program)	2010
Stephanie Woods	UCI – Biological Sciences	2010 – 2011
Beau Takagi	UCI – Biological Sciences	2010 – 2011
Desiree Unsworth	UCI – Public Health Campus Honors	2010 – 2011
Seth Kazmer	UCI – Biological Sciences	2010
Caleb League	UCI – Biological Sciences	2009 – 2011
Javier Li	UCI – Computer Science	2009 – 2010
Makram Saied	UCI – Biological Sciences	2009 – 2010
Amanda Heetland	UCI – Biological Sciences	2009 – 2011
Karen Barba	UCI – Biological Sciences	2009 – 2011
Jane Wiedenbeck	Weslyan University (REU student) Presented work at AGU Annual Meeting, 2009 and Ocean Sciences 2010	2009
Rodolfo Gordillo	UCI – Computer Science	2009 – 2010
Jiae Lee	UCI – Biological Sciences	2009 – 2011
Albert Gao	UCI – Biological Sciences	2009
Heui Bui	UCI – Biological Sciences	2008 – 2009
Wilson Luu	UCI – Computer Science	2008 – 2009
Sammy Aboutalib	UCI – Computer Science	2008 – 2009
Andrea Chavez	UCSB (summer intern)	2008
Jackie Cannata	UCLA (REU student)	2008
Danny Ho	UCI – Earth and Environmental Science	2008 – 2011
Brian Cheung	UCI – Biological Sciences Excellence in Research	2008 – 2010

Aaron King	UCI – Biological Sciences	2008 – 2009
Charlene Chow	UCI – Biological Sciences	2008
Amy Yeh	UCI – Biological Sciences	2008
Francisco Suarez	UCI – Biological Sciences	2007 – 2008
Melissa Chow	UCI – Biological Sciences	2007 – 2009
Jose Rincon	UCI – Computer Science	2007 – 2009
Dagoberto Garcia	UCI – Biological Sciences	2007
Jose Gallegos	UCI – Computer Sciences	2007 – 2009
Melissa Chrisman	Rose-Pullman University (REU student)	2007
Dinh Sai Lai	UCI – Earth and Environmental Science	2007 – 2008
Richard LeClair	UCI – Earth and Environmental Science	2007 – 2008
Stephanie Ho	UCI – Earth and Environmental Science	2007 – 2008
	ESS outstanding senior of the year	
	ESS honors	