

Valentina Di Santo

Department of Zoology
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RESEARCH INTERESTS

Comparative Physiology and Biomechanics • Fish Locomotion • Thermal Biology • Acclimation and Adaptation to Climate Change

EDUCATION

2014	PhD, Biology	Boston University
2009	Master of Science, Biology	University of West Florida
2005	Bachelor of Science, Natural Sciences	University of Firenze, Italy

POSITIONS

2019-Present	Assistant Professor	Functional Morphology, Dept. of Zoology, Stockholm University
2014-2019	Postdoctoral Fellow	Dept. of Organismic and Evolutionary Biology, Harvard University
2015-2018	Visiting Lecturer	Institute for Liberal Arts & Interdisciplinary Studies, Emerson College
2014-2017	Visiting Lecturer	Dept. of Biology, Boston College
2016	Visiting Lecturer	Marine Program, Boston University
2014	Postdoctoral Teaching Fellow	Summer School, Harvard University & University of Oxford, UK
2006	Visiting Scientist	Centre for Estuarine and Marine Ecology, Netherlands Institute for Ecology, Royal Netherlands Academy of Arts and Sciences
2004	Erasmus-Socrates Fellow	Dept. of Animal Biology and Genetics, University of Firenze, Italy & University of Évora, Portugal

HONORS & AWARDS

2018	Women Leaders Award “She Made a Difference”	European Women’s Management Development International Network
2014	Director’s Outstanding Teaching Award in the Marine Program	
2013	Dana Wright Dissertation Fellowship	
2011-2013	Ryan Kelley Memorial Scholarship — 3 awards	
2012	Warren-McLeod Summer Research Fellowship	
2011	Steven Berkeley Marine Conservation Fellowship	
2011	Raney Award – The American Society of Ichthyologists and Herpetologists	
2009	Who’s Who Among Students in American Universities & Colleges	
2007-2008	Graduate Merit Award	University of West Florida — 2 awards
2004	Erasmus-Socrates Fellow	European Community Fellowship
2001-2005	ARDSU Award	University of Firenze — full scholarship

PUBLICATIONS

† undergraduate student co-author, ‡ graduate student co-author

- in review Papastamatiou YP, **Di Santo V**, Huveneers C, Hattab T, Ballesta L, Mourier J Energy landscapes and turbulence change marine predator schooling behavior.
- Di Santo V**, O’Boyle LA[‡], Saylor RK[‡], Dabruzzi TF[†], Covell MA[†], Kaack K[†], Scharer R[†], Seger K[†], Favazza N[†], Pomory CM, Bennett WA. Coral loss alters guarding and farming behavior of dusky damselfish, *Stegastes adustus*.
- published Zhu J, White C[‡], Wainwright DW[‡], **Di Santo V**, Lauder GV, Bart-Smith H 2019 Tuna robotics: a high-frequency experimental platform exploring the performance space of swimming fishes. *Science Robotics*, 4, eaax4615.
- O’Connell KA[‡], **Di Santo V**, Maldonado J[†], Molina E[†], Fujita MK 2019 A tale of two skates: Comparative phylogeography of North American skate species with implications for conservation. *Copeia*, 107, 297–304.
- Di Santo V** 2019 Ocean acidification and warming affect skeletal mineralization in a marine fish. *Proceedings of the Royal Society B*, 286, 20182187.
- Zhu R, Wang J, Dong H, Quinn D, Bart-Smith H, **Di Santo V**, Wainwright D, Lauder G 2019 Computational study of fish-shaped panel with simultaneously heaving and bending motion. *AIAA Scitech 2019 Forum*. San Diego, California.
- Di Santo V**, Jordan HL, Cooper B[†], Currie RJ, Beitinger TL, Bennett WA. 2018 Thermal tolerance of the invasive red-bellied pacu and the risk of establishment in the United States. *Journal of Thermal Biology*, 74, 110–115.
- Wen L, Ren Z[‡], **Di Santo V**, Kainan H, Tao Y, Wang T, Lauder GV. 2018 Understanding fish linear acceleration using an undulatory bio-robotic model with soft fluidic elastomer actuated morphing median fins. *Soft Robotics*, doi: 10.1089/soro.2017.0085.
- Di Santo V**, Kenaley CP, Lauder GV. 2017 High postural costs and anaerobic metabolism during swimming support the hypothesis of a U-shaped metabolism-speed curve in fishes. *Proceedings of the National Academy of Sciences, USA*, 114, 13048–13053.
- Saadat M, Fish FE, Domel A[‡], **Di Santo V**, Lauder GV, Haj-Hariri H. 2017 On the rules for aquatic locomotion. *Physical Review Fluids*, 2, 083102.
- Di Santo V**, Blevins EL, Lauder GV 2017. Batoid locomotion: effects of speed on pectoral fin deformation in the little skate *Leucoraja erinacea*. *Journal of Experimental Biology*, 220, 705–712.
- Di Santo V**, Lobel PS 2017. Body size and thermal tolerance in tropical gobies. *Journal of Experimental Marine Biology and Ecology*, 487, 11–17.
- Park SJ, Gazzola M, Park C, Park S, **Di Santo V**, Blevins EL, Lind JU, Campbell P, Dauth S, Capulli A, Cho A, Yuan H, Pasqualini FS, Ahn S, Maoz B, Nesmith AP, Vijaykumar R, Choi J-W, Deisseroth K, Lauder GV, Mahadevan L, Parker KK 2016. Phototactic guidance of a tissue-engineered soft-robotic ray. *Science*, 353: 158–162. (COVER)

- Di Santo V** 2016. Intraspecific variation in physiological performance of a benthic elasmobranch challenged by ocean acidification and warming. *Journal of Experimental Biology*, 219: 1725–1733.
- Di Santo V**, Kenaley CP 2016. Skating by: Low energetic costs of swimming in a batoid fish. *Journal of Experimental Biology*, 219: 1804–1807.
- Di Santo V**, Lobel PS 2016. Size affects digestive responses to increasing temperature in fishes: physiological implications of being small under climate change. *Marine Ecology*, 37: 813–820.
- Di Santo V**, Tran AH[†], Svendsen JC 2016. Progressive hypoxia decouples activity and aerobic performance of skate embryos. *Conservation Physiology*, cov067.
- Lauder GV, **Di Santo V** 2015. Swimming mechanics and energetics of elasmobranch fishes. In *Fish Physiology* Vol. 34A, Physiology of Elasmobranch Fishes: Structure and Interaction with Environment. (RE Shadwick, AP Farrell and CJ Brauner, eds.), pp. 219–253. New York: Academic Press.
- Di Santo V** 2015. Ocean acidification exacerbates the impacts of global warming on embryonic little skate, *Leucoraja erinacea* (Mitchill). *Journal of Experimental Marine Biology and Ecology*, 463: 72–78.
- Rossi F, Gribsholt B, Gazeau F, **Di Santo V**, Middelburg JJ 2013. Benthic complex effects of ecosystem engineer loss on ecosystem response to detrital macroalgae. *PLoS ONE*, 8: e66650.
- Di Santo V**, Bennett WA 2011. Effect of rapid temperature change on resting routine metabolic rates of two benthic elasmobranchs. *Fish Physiology and Biochemistry*, 37: 929–934.
- Di Santo V**, Bennett WA 2011. Is post-feeding thermotaxis advantageous in elasmobranch fishes? *Journal of Fish Biology*, 78: 195–207.
- Wells DL[‡], El-Sheikh EM, Sutton MA, **Di Santo V**, Bennett WA 2009. Automated image processing of X-radiographics of digestion in stingrays. *IC-AI*, 2: 715–719.
- Di Santo V**, Pomory CM, Bennett WA 2009. Algal garden cultivation and guarding behavior of dusky damselfish on coral rubble and intact reef in Dry Tortugas National Park. *Proceedings of the American Academy of Underwater Sciences*, 2009: 222–228.
- in prep **Di Santo V***, Goerig E*, Wainwright DK, Akanyeti O, Liao J, Castro-Santos TR, Lauder GV. Rethinking swimming modes in fishes. (*co-first authors)
- Lesneski K[‡], Lee JC[‡], Donnellan K[†], DiRoberts L[†], Lindseth A[†], Okechi J[‡], Doshi SH[†], Minkoff D[‡], Branconi R[‡], Newmark ER[†], Tower JS[†], Tobin KA[†], Dennehy S[†], Vu T[†], Stewart NL, Rotjan R, Finnerty JR, **Di Santo V**. Morphological and physiological differentiation between alternative morphs of the queen conch (*Lobatus gigas*) in Belize.

TEACHING EXPERIENCE

- 2018 **Visiting Lecturer | Marine Biodiversity and Conservation** *Emerson College*
Led students in the study of marine organisms' biodiversity, morphology and systematics, and discussion of primary literature — 1 semester
- 2015-2017 **Visiting Lecturer | Climate Change** *Emerson College*
Led students in analysis and discussion of current climate change primary literature, focusing on biological consequences of warming and ocean acidification. Students worked on a final multimedia project based on one topic discussed in class — 3 semesters
- 2014-2017 **Visiting Lecturer | Ecology and Evolution** *Boston College*
Led a large lecture class in analysis of topics in evolutionary biology, ecology, global change biology, biodiversity — 5 semesters
- 2016 **Visiting Lecturer | Tropical Marine Fisheries** *Boston University*
Led students in field studies of ecology and physiology of exploited coral reef fisheries at the University of Belize Marine Station at Calabash Caye — 1 semester
- 2014 **Postdoctoral Teaching Fellow | Darwin & Contemporary Evolutionary Biology** *Harvard University & University of Oxford, UK*
Led Harvard students in discussion and analysis of Darwinism and *On the Origin of Species* at the University of Oxford, UK — 1 semester
- 2014 **Visiting Lecturer | Life on Earth** *Emmanuel College*
Led non-biology major students in understanding of life processes in a lab-based class — 1 semester
- 2014 **Teaching Fellow | Evolutionary Ecology** *Boston University*
Led students in field and laboratory study of aquatic and terrestrial ecosystems, sampling methods, self-sustaining ecosystem, analysis of ecological data, annotated bibliography, weekly experiment reports, and final presentation of projects during a mini-symposium — 1 semester
- 2014 **Teaching Fellow | Biology II: Cell and Molecular Biology** *Boston University*
Led non-biology major students in laboratory study of cell and molecular topics — 1 semester
- 2013 **Teaching Assistant | Patterns and Processes in Fish Diversity** *Harvard University*
Led students in laboratory study of fish diversity and morphology — 1 semester
- 2012-2013 **Teaching Fellow | Tropical Marine Invertebrates** *Boston University*
Led students in field studies of marine invertebrate ecology at the University of Belize Marine Station at Calabash Caye. — 2 semesters
- 2012-2013 **Teaching Fellow | Coral Reef Dynamics** *Boston University*
Led students in field studies of interactions between marine invertebrates and fishes on coral reefs at the University of Belize Marine Station at Calabash Caye. — 2 semesters
- 2010 **Teaching Fellow | Biology I: Ecology and Evolution** *Boston University*
Led non-biology major students in field study of urban ecology and disturbed environments — 1 semester
- 2009-2011 **Teaching Fellow | Field Biology of Belize Coral Reefs: Expeditionary Ichthyology** *Boston University*
Led students in field studies of fish behavior, movement ecology, and cleaning symbiosis at Wee Wee Caye, Belize — 3 semesters
- 2009-2011 **Teaching Fellow | Ichthyology** *Boston University*
Led students in laboratory study of fish morphology, behavior, and systematics at the Boston University Marine Facility — 3 semesters
- 2009 **Instructor | Marine Ecological Physiology** *University of West Florida*
Designed an online course for distance learning students and led frontal lectures and laboratory experiments on the effect of environmental variability on physiological responses of different marine invertebrates and vertebrates — 2 semesters

2009	Teaching Assistant Contemporary Lab Skills <i>University of West Florida</i> Led graduate students in the acquisition of fundamental laboratory skills. Every week students visited a different faculty member (guest co-teacher) in the department to learn new techniques — 1 semester
2009	Teaching Assistant Field Ecology <i>University of West Florida</i> Led high school students in field study of marsh invertebrate ecology. Students presented their projects in a mini-symposium — 1 semester
2007-2009	Instructor Comparative Animal Physiology <i>University of West Florida</i> Led students in study of comparative animal physiology by performing classic eco-physiological experiments, computer simulations, basic experimental design, data analysis, and writing of results in weekly reports — 5 semesters
2007-2009	Instructor General Biology <i>University of West Florida</i> Led students in laboratory study of basic cellular and organismic biology — 5 semesters
2008	Teaching Assistant Biochemistry: Metabolism <i>University of West Florida</i> Led students in laboratory study of conformational properties of biomolecules and enzyme kinetics and mechanisms — 1 semester
2008	Teaching Assistant Anatomy and Physiology I <i>University of West Florida</i> Led students in laboratory study of human anatomy and physiology with the use of models and computer simulations — 1 semester
2007	Teaching Assistant Marine Biology and Oceanography <i>University of West Florida</i> Led students in the study of marine organisms' biodiversity, morphology and systematics — 1 semester

FUNDING

2018	The Company of Biologists Travel Fund Travel grant to attend the Annual Meeting of the Society for Experimental Biology, Florence, Italy
2018	Flying Sharks Fund Travel grant to attend the Annual Meeting of the Society for Experimental Biology, Florence, Italy
2015	The Society for Experimental Biology Travel Grant Early career scientist travel grant to attend the Annual Meeting of the Society for Experimental Biology, Prague, Czech Republic
2014	Flying Sharks Research Fund Effect of ocean acidification on fish swimming performance
2014	George R. Bernard, Jr. Travel Award Travel grant to attend the Annual Joint Meeting of Ichthyologists and Herpetologists in Chattanooga, TN
2012	American Elasmobranch Society Research Award Effect of ocean acidification and warming on embryonic little skates
2011	George R. Bernard, Jr. Travel Award Travel grant to attend the Joint Meeting of Ichthyologists and Herpetologists, Minneapolis, MN
2011	Raney Award, The American Society of Ichthyologists and Herpetologists Ecological physiology responses of the little skate: potential for adaptation in rapid climate change
2010	Flying Sharks Research Fund Ecophysiological responses of the little skate to rapid climate change
2010	George R. Bernard, Jr. Travel Award Travel grant to attend the International Congress on the Biology of Fish, Barcelona, Spain
2009	Student Government Association Academic Travel Fund Travel grant to attend the Joint Meeting of Ichthyologists and Herpetologists, Portland, OR
2009	Graduate Students Scholarly and Creative Activity Award

2009	Travel grant to attend the Joint Meeting of Ichthyologists and Herpetologists, Portland, OR Student Government Association Academic Travel Fund
2008	Travel grant to attend the American Academy of Underwater Sciences Symposium, Atlanta, GA PADI Project AWARE Foundation
2008	Routine metabolic rates of field acclimatized juvenile lemon sharks — <i>declined</i> Marine Ecology Research Society
2008	Scientific SCUBA diving grant Student Government Association Academic Travel Fund
2008	Travel grant to attend the European Elasmobranch Association Meeting, Lisbon, Portugal Graduate Student Travel Grant
2008	Travel grant to attend the Joint Meeting of Ichthyologists and Herpetologists, St. Louis, MO Florida Institute of Oceanography Research Grant
2007-2008	Funding and vessel time to conduct research in the Dry Tortugas National Park, FL Graduate Students Scholarly and Creative Activity Award
2007	Study of the effect of post-feeding thermotaxis in benthic elasmobranchs — 2 awards Marine Ecology Research Society
	Travel grant to attend the Joint Meeting of Ichthyologists and Herpetologists, St. Louis, MO

INVITED SEMINARS

2019	Climate change and locomotion: Insights into energetics and biomechanics of fishes Department of Ecology & Evolutionary Biology — University of Connecticut, USA
2019	Climate change and fish locomotion Marine Environment Research Centre — ENEA, Italy
2019	Climate change and locomotion: Insights into energetics and biomechanics of fishes Department of Evolution, Ecology, and Organismal Biology — University of California, Riverside, USA
2019	Climate change and locomotion: Insights into energetics and biomechanics of fishes Department of Biological Sciences — George Washington University, USA
2018	Climate change and locomotion: Insights into energetics and biomechanics of fishes Department of Zoology — Stockholm University, Sweden
2018	Climate change and locomotion: Insights into energetics and biomechanics of fishes Department of Zoology — University of Cambridge, UK
2018	Climate change and locomotion: New insights into energetics and biomechanics of fishes Biology Department — University of Massachusetts Lowell, USA
2018	Climate change and locomotion: Insights into energetics and biomechanics of fishes Biology Department — University of Massachusetts Dartmouth, USA
2018	Climate change and locomotion: Insights into energetics and biomechanics of fishes Department of Biology and Marine Biology — University of North Carolina Wilmington, USA
2017	New insights into metabolism and energetics of fishes Department of Organismic and Evolutionary Biology — Harvard University, USA
2017	Cartilage mineralization under ocean warming and acidification Department of Biology — Boston College, USA
2016	Physiological performance of a batoid fish challenged by climate change stressors La Pontificia Universidad Javeriana, Bogotá, Colombia
2016	Ecological responses of marine organisms to climate change Biology Department — Boston College, USA
2015	Climate change and the intraspecific variation in physiological performance of a batoid fish Biology Department — University of Massachusetts Dartmouth, USA
2014	Ecophysiological responses of fishes to increased ocean acidification and warming Marine Program — Boston University, USA

- 2014 **Ocean acidification exacerbates the effect of warming on little skate embryos** Ecology, Behavior & Evolution — Boston University, USA
- 2013 **Ecological and evolutionary physiology of the environmental stress response in the little skate: potential for adaptation in rapid climate change** Ecology, Behavior & Evolution — Boston University, USA
- 2012 **Role of body size in physiological performance of cleaner gobies challenged by ocean warming** Ecology, Behavior & Evolution — Boston University, USA
- 2009 **Is thermotaxis advantageous in elasmobranchs?** Department of Biology — University of West Florida, USA
- 2008 **Evolutionary physiology of elasmobranch digestion** Department of Biology — University of West Florida, USA
- 2005 **Conservation biology of the lemon shark** Department of Animal Biology and Genetics — University of Firenze, Italy
- 2005 **Movement patterns of juvenile and subadult lemon shark, around Bimini, Bahamas** Department of Animal Biology and Genetics — University of Firenze, Italy

SELECTED CONFERENCE PRESENTATIONS

- 2019 **Di Santo V** Ocean acidification and warming affect skeletal mineralization in a marine fish. *Comparative Cartilage Biology Meeting, Banyuls-sur-Mer, France — invited speaker*
- Di Santo V**, Lauder GV Fish schooling: Dynamic shifts in school structure with swimming speed and during feeding. *Society for Integrative & Comparative Biology Annual Meeting, Tampa, FL*
- Zhu JJ, White CH, Wainwright DK, **Di Santo V**, Lauder GV, Bart-Smith H Design and performance of a high speed thunniform swimming platform. *Society for Integrative & Comparative Biology Annual Meeting, Tampa, FL*
- Juarez YS, **Di Santo V**, Wilhelmus MM Robokrill: a metachronal robotic swimmer. *Society for Integrative & Comparative Biology Annual Meeting, Tampa, FL*
- 2018 **Di Santo V** Ocean acidification and warming affect cartilage mineralization in a benthic batoid. *Society for Experimental Biology Annual Meeting, Florence, Italy*
- Di Santo V** Ocean acidification and warming affect cartilage mineralization in Little Skate *Leucoraja erinacea*. *Society for Integrative & Comparative Biology Annual Meeting, San Francisco, CA*
- Lauder GV, Akanyeti O, Castro-Santos T, **Di Santo V**, Dong H, Goerig E, Liao J, Wainwright DK Comparative undulatory kinematics in swimming fishes: quantitative database from a diversity of species. *Society for Integrative & Comparative Biology Annual Meeting, San Francisco, CA*
- 2017 **Di Santo V**, Kenaley CP, Lauder GV A non-linear relationship between swimming metabolism and speed in a negatively buoyant batoid fish. *Society for Integrative & Comparative Biology Annual Meeting, New Orleans, LA*
- Ren Z, **Di Santo V**, Hu K, Yuan T, Lauder GV, Wen L Understanding fish linear acceleration using an undulatory bio-robotic model with soft fluidic elastomer actuated median fins. *Society for Integrative & Comparative Biology Annual Meeting, New Orleans, LA*
- 2016 Gazzola M, Park SJ, Park KS, Park S, **Di Santo V**, Deisseroth K, Lauder GV, Mahadevan L, Parker KK Outsourcing neural active control to passive composite mechanics: a tissue engineered cyborg ray. *American Physical Society, Portland, OR*
- Park SJ, Gazzola M, Park KS, Park S, **Di Santo V**, Deisseroth K, Lauder GV, Mahadevan L, Parker KK Phototactic guidance of a tissue-engineered soft-robotic ray. *American Physical Society, Portland, OR*
- Saadat M, Domel A, **Di Santo V**, Lauder GV, Haj-Hariri H Unifying rules for aquatic locomotion. *American Physical Society, Portland, OR*

- Di Santo V**, Kenaley CP, Lauder GV Batoid locomotion: integrative study of mechanics and energetics in the little skate. *Society for Integrative & Comparative Biology Annual Meeting, Portland, OR*
- 2015 **Di Santo V** Geographic variation in performance curves determines vulnerability to climate change in the little skate. *Society for Experimental Biology Annual Meeting, Prague, Czech Republic*
- 2014 **Di Santo V** Ocean acidification exacerbates the effect of warming on little skate performance. *Joint Meeting of Ichthyologists and Herpetologists, Chattanooga, TN*
- 2011 **Di Santo V**, Cooper B, Bennett WA Thermal tolerance of the red-bellied pacu in relation to its survival in the United States. *Joint Meeting of Ichthyologists and Herpetologists, Minneapolis, MN*
- 2010 **Di Santo V**, Bennett WA Comparison of farming and guarding behavior of dusky damselfish on coral rubble and intact reef in Dry Tortugas National Park. *Joint Meeting of Ichthyologists and Herpetologists, Providence, RI*
- Di Santo V**, Cooper B, Bennett WA Thermal tolerance of the red-bellied pacu in relation to its survival in the United States. *International Congress on the Biology of Fish, Barcelona, Spain*
- 2009 **Di Santo V**, Bennett WA Effects of thermotaxis on digestion efficiency in two elasmobranchs. *Joint Meeting of Ichthyologists and Herpetologists, Portland, OR*
- Di Santo V**, Bennett WA Temperature effect on resting routine metabolic rates of two benthic elasmobranchs. *Joint Meeting of Ichthyologists and Herpetologists, Portland, OR*
- Di Santo V**, Bennett WA Effects of post-feeding shuttling behavior on elasmobranchs' digestion. *Scholars of Engineering, Applied Sciences & Technology Annual Research Symposium, University of West Florida, Pensacola, FL*
- Wells DL, El-Sheikh EM, Sutton MA, **Di Santo V**, Bennett WA An application for automated image processing of stingray digestion X-rays. *Scholars of Engineering, Applied Sciences & Technology Annual Research Symposium, University of West Florida, Pensacola, FL*
- Wells DL, El-Sheikh EM, Sutton MA, **Di Santo V**, Bennett WA Automated image processing of X-radiographs of digestion in stingrays. *International Conference on Artificial Intelligence, Las Vegas, NV*
- Di Santo V**, Pomory CM, Bennett WA Algal garden cultivation and guarding behavior of dusky damselfish on coral rubble and intact reef in Dry Tortugas National Park. *American Academy of Underwater Sciences Symposium, Atlanta, GA*
- 2008 **Di Santo V**, Bennett WA Is post-feeding thermotaxis advantageous in elasmobranchs? *European Elasmobranch Association Meeting, Lisbon, Portugal*
- 2007 **Di Santo V**, Bennett WA Effects of temperature on elasmobranch fishes: overview and future prospects. *Joint Meeting of Ichthyologists and Herpetologists, St. Louis, MO*

PROFESSIONAL SERVICE

- 2019– **Skype-a-Scientist** Skyped in classrooms to talk to students about *being a scientist*
- 2018 **Summer Science Week: Ocean Week** Guest Scientist, Harvard Museum of Natural History
- 2017– **Dissertation External Reviewer** Ian Bouyoucos, James Cook University
- 2017– **Thesis Committee** Joanna Lee, Boston University; Zoë Porter, The University of West Florida; Kathleen Donnellan, Boston University
- 2016–2019 **SICB Judges Coordinator** Coordinator of the judges for student presentations in the Division of Comparative Physiology and Biochemistry at the Annual Meeting of the Society for Integrative and Comparative Biology
- 2016 **Workshop: Ecophysiology of Elasmobranchs** Taught a two-day intensive workshop on the ecological physiology of elasmobranch fishes at the Pontificia Universidad Javeriana, Bogotá, Colombia
- 2012–2015 **Summer Pathways Mentor** Science Mentor in the Summer Pathways Program for high school girls in the Boston Area

2012 **Committee Member for the Oscar Elton Sette Award** American Fisheries Society
 2010–2014 **BIOBUGS Mentor** Mentor for high school science education program at Boston University
 2010–2013 **Science Fair Judge** Graham and Parks Science Fair, Cambridge, MA
 2009– **External Reviewer** Journal of Experimental Biology, Nature, Global Change Biology, Biological Conservation, Environmental Biology of Fishes, Scientific Reports, Journal of Experimental Marine Biology and Ecology, Marine Biology, Marine Ecology, ICES Journal of Marine Science, Royal Society Open Science, Conservation Physiology, Integrative Zoology, Journal of Morphology, Fish and Fisheries, Oecologia, Integrative Organismal Biology, Zoomorphology, Journal of Thermal Biology, Diversity, Deep-Sea Research Part I, Reviews in Fish Biology and Fisheries
 2009 **Department of Biology Honor’s Board** Selection of undergraduate Honor’s thesis awards at the University of West Florida
 2009 **President** Marine Ecology Research Society — University of West Florida
 2007–2009 **Science Fair Judge** West Florida Panhandle Regional Science & Engineering Fair

STUDENTS MENTORED

Irene Villanueva Sanz Stockholm University, **Hayley McDermott** Stockholm University, **Erik Zhivkopoulos** Uppsala University, **Matilda Vilmar** Stockholm University, **Thao Vu** Harvard University, **Griffin Andres** Harvard University, **Sierra Dennehy** Boston College, **Annika Samuelson** Boston College, **Anxhela Mile** Boston College, **Anna Tran** Boston University, **Trevor Etheridge** Boston University, **Samantha Gifford** Boston University, **Anthony Lever** Boston University, **Carly Somerset** University of West Florida, **Katrina Kaack** University of West Florida, **Katherine Seger** University of West Florida, **Rachel Scharer** University of West Florida.

PRESS & MEDIA

Interviews Back Page Photo Series: Reflector: An Interview with Valentina Di Santo. Fisheries 41, 499-500. (N. Sopinka)
 The Steven Berkeley Marine Conservation Fellowship Winners: Valentina Di Santo. Fisheries 36, 511.
 2008–2013 Steven Berkeley Marine Conservation Fellowship Recipient Updates. Fisheries 39, 605-607. (H. Williams)

Selected Press Harvard Gazette, Nature, Outside JEB, Science Magazine, Outside JEB, BBC News, LA Times, The New York Times, National Geographic (Italy), New Scientist, The Wall Street Journal, The Washington Post, The Guardian