



*Summary of National Ocean Sciences Bowl (NOSB®) 2010 National Ocean Scholarship Program Recipients*

*Background:* Applicants submitted an application, SAT/ACT scores, two written essays and two letters of recommendations. One essay was a personal essay describing their inspiration and interest in ocean science. The second essay was a choice between two topics; choosing a marine technology, sensor, tool or model and explaining how it is allowing us to explore and understand more of the ocean or identifying one threat to the oceans that is prevalent today and discussing the problem, proposing solution, and what it means to them.

Each application was reviewed by three reviewers from various departments and backgrounds within Ocean Leadership. Reviewers used a provided rubric to evaluate each application. All three scores were summed up and averaged. The top five candidates with the highest average score received scholarships.



Joy Chen, from Fremont, CA will be attending the Massachusetts Institute of Technology to major in Materials Science and Engineering & Ocean Engineering. Joy wrote that although NOSB peaked her interest in oceanography, it wasn't until she reached the last chapter in her textbook, how the oceans are changing because of human influence that oceanography really began to mean something to her. Joy is interested in the design, production, and use of sustainable and safe materials in the ocean environment.



Alexander Jensen, from Granton, WI, will be attending the University of Maine – Orono to study Biology and Marine Biology. Alexander is a genuine asset to the ocean science community. He has participated in the NOSB for four years, two of which his team was crowned the National Champion. He credits his real love of the ocean sciences being sparked when his team traveled to Alaska to compete in the National Finals of NOSB. He hopes to become a marine biologist or fisheries manager to better understand the complex processes of the ocean and work on conservation issues.



Fangdi Sun, from Yorktown, VA will be attending the Massachusetts Institute of Technology (MIT) to major in Biology. At MIT, Fangdi hopes to conduct research on the molecular processes of marine life and specialize in the biochemistry of marine organisms. She credits her interest in the ocean sciences to her Freshman Biology teacher, who had a honest enthusiasm for the subject. Fangdi is an exceptional young woman who was captain of her NOSB team, plays volleyball, and volunteers. She has an amazing passion for science and research.



Eric Liaw, from Honolulu, HI will be attending Stanford University in the fall to major in Biology and Marine Biology. Not only were Eric's academic scores very impressive, but he has also been volunteering on the University of Hawaii's bimonthly research cruises to collect water samples since 2008. Both of his references cited him as "brilliant" and "one of the best minds we have ever encountered." We are sure Eric will go on to do great things in the field of science.



Katherine McElroy, from Carlsbad, CA, will be attending the University of California Santa Cruz to major in Marine Biology. Katie wants to become a marine biology teacher and help the oceans through education. She has spent her summers interning at the Steven Birch Aquarium, working at a variety of camps teaching ocean conservation to young children. She also had the opportunity to snorkel with leopard sharks, which she says changed her life. She taught kids that sharks were not "killing machines," but deserved respect and care. Changing young kid's views on sharks was an eye-opening experience for her in her young teaching career.