



**MSURF.** The Sea Grant Marine Science Undergraduate Research Fellowship (MSURF) will provide ten to twelve selected undergraduates with an intensive ten-week summer research and education program focused on the biology and engineering aspects of marine science and marine bioproducts engineering.

**Support.** The students selected will be provided up to \$1500 for round trip (direct flights) economy airfare, shared (same sex) accommodation in the dorms, a partial meal plan, a living stipend of \$1500, project supplies (\$500), and placement with their own research project, faculty mentor and research lab. Local students already committed to permanent housing will be allowed the option of receiving the equivalent allocation for accommodation and partial meal plan.

**Research topics.** In past and future years selected students will pursue projects in areas such as marine biology, environmental physiology and comparative endocrinology of fish, coral ecology and photobiology; aquatic ecology, algal cultivation and marine ecology, marine ecology and isolation of marine bacteria from water columns, marine ecology and bioremediation, polymers from marine bacteria, enzyme engineering, natural products chemistry, bioremediation and analytical science, natural products chemistry, plant cell cultivation, biofouling, chemical signaling, Establishment and maintenance of animal/bacterial symbioses, isolation and discovery of marine bacteria and viruses, marine microbial ecology, secondary metabolite production from marine bacteria, aquaculture, creation of cDNA libraries from plant and marine organisms.

**To apply.** All students interested in applying to the program should send their application materials to Dr. Michael Cooney at the University of Hawaii Sea Grant College Program, School of Ocean and Earth Sciences and Technology, University of Hawaii at Manoa, 2525 Correa Road, HIG 238Honolulu, Hawaii 96822. *Attention: Sea Grant REU site program 2004.*

For more information visit [http://www.soest.hawaii.edu/SEAGRANT/fellowships\\_internships.html](http://www.soest.hawaii.edu/SEAGRANT/fellowships_internships.html) or <https://www.marbec.org/education/internship.asp>