

## 2012 Sloan Research Fellowship



### Angelicque White

Assistant Professor

Angelicque “Angel” White, an oceanographer from Oregon State University, has received a 2012 Sloan Research Fellowship from the Alfred P. Sloan Foundation. Fellowships were awarded to 126 top young researchers in the United States and Canada. Awarded annually since 1955, the fellowships are given to early-career scientists and scholars identified as rising stars and the next generation of scientific leaders.

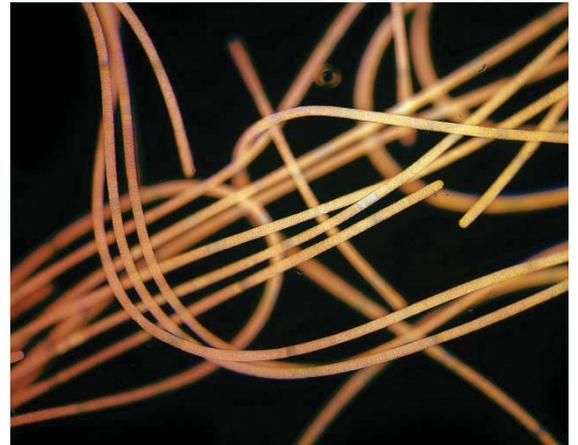
“Today’s Sloan Research Fellows are tomorrow’s Nobel Prize winners, said Paul L. Joskow, president of the Alfred P. Sloan Foundation.

Sloan Fellowships historically have been awarded in seven fields, including chemistry, computer science, economics, mathematics, evolutionary and computational molecular biology, neuroscience, and physics. This year, the foundation expanded to include ocean sciences and awarded eight fellowships in that field, including the one to White.

White is an assistant professor in OSU’s College of Earth, Ocean, and Atmospheric Sciences whose work focuses on ocean productivity and phytoplankton physiology. She is a member of the National Science Foundation-funded Center for Microbial Oceanography: Research and Education (C-MORE), and has been active in a collaborative project to monitor harmful algal blooms off the Oregon coast.

She also has studied the Pacific Ocean “garbage patch,” a huge collection of plastic trapped in a gyre off the West Coast, which she has described as problematic, but exaggerated in scale in many media reports.

Sloan Fellowships provide \$50,000 over two years for equipment, technical assistance, professional travel, trainee support and other activities supporting the fellow’s research.



Colonies of the filamentous nitrogen-fixing genus *Trichodesmium*: a central topic of White’s early research. (Photo: Angelicque White)

*“I have the great privilege of working with and learning from a dedicated and talented group of collaborators at OSU and beyond. My research builds on these collaborative and community efforts—the sea is our laboratory. We are unraveling the sensitivities of marine microbes to environmental change, we are improving predictive models of biological function, we are enhancing efforts to protect ocean resources, and the new generation of ocean observing systems are allowing us to ‘see’ the ocean at scales unprecedented in the history of our field. It’s an exciting time in an exciting field. I am proud to be a part of this community and genuinely honored to be one of the inaugural Sloan Fellows in Ocean Sciences.” — Angelicque White*