



### **Moloney Wins NSF Graduate Research Fellowship**

**Francesca Moloney**, a PhD student in the Department of Mechanical Engineering, is the recipient of a National Science Foundation Graduate Research Fellowship. For three years, Moloney will receive a \$34,000 annual stipend, full tuition and fees, and student health insurance to complete her doctoral program. She will also be eligible for international research and professional development opportunities that NSF provides exclusively for fellowship recipients.

The National Science Foundation's Graduate Research Fellowship Program (GRFP) helps ensure the vitality of the human resource base of science and engineering in the United States and reinforces its diversity. The program recognizes and supports outstanding graduate students in NSF-supported science, technology, engineering, and mathematics disciplines who are pursuing research-based masters and doctoral degrees at accredited U.S. institutions. This year 2,000 fellows were selected from close to 17,000 applicants. Francesca's dissertation research is seeking to combine renewable geothermal energy and solar power as a cost effective, sustainable, alternative replacement for fossil fuels. Her advisor is Yogi Goswami, distinguished university professor in the Department of Chemical and Biomedical Engineering and co-director of the Clean Energy Research Center (CERC).

Francesca earned her B.S. in Civil Engineering in May 2014 from Florida Gulf Coast University (FGCU), where she was a 2014-2015 Student Hall of Fame recipient. Francesca participated in the NSF Florida-Georgia Louis Stokes Alliance for Minority Participation (FGLSAMP) program, and is supported by a two-year NSF FGLSAMP Bridge to the Doctorate fellowship.

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