



NASA/CASGC Microcomputer & Robotics Internship

**Webinar @
NASA Jet Propulsion Laboratory**



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Exploring Icy Worlds—Adventures of a Chemist in Planetary Science

Friday, March 13, 2015 1:00 PM – 2:00 PM

For Webinar Link Visit:

<http://casgcmcri.org/nasa-webinars>

ABSTRACT: Many of the moons of Jupiter and Saturn, called Icy Worlds, have crusts of ice encasing subsurface liquid water oceans. These Icy Worlds have all three ingredients necessary to life as we know it – water, energy, and chemistry. At JPL work is being conducted both in the laboratory and in the field to better understand these Icy Worlds, and whether life may have existed there, or might even be present today. This presentation will examine these explorations, findings and future possibilities.

BIO: Morgan Cable is a Research Scientist at the NASA Jet Propulsion Laboratory. She earned her Ph.D. In Chemistry from the California Institute of Technology in 2010, where she investigated life in extreme environments. Her current work focuses on organic and biomarker detection strategies, through both in situ and remote sensing techniques.