## COLUMBIA ASTRONOMY OUTREACH PRESENTS:

## STARGAZING & LECTURE SERIES

## Where the Ocean Meets the Sky

A lecture by Brandon Horn Friday, April 13th, 8:00PM Pupin Hall, Columbia University

Early sailors were tied to the coast, incapable of navigating without reference to land or accurately measuring distances at sea. With the start of the scientific revolution, astronomers began developing tools—some more practical than others—that made it possible to navigate the ocean and create accurate maps of the world. This age of discovery in turn lead to advances in astronomy and refined our map of the universe and the laws that govern it.

These are free lectures at a public level followed by guided stargazing with telescopes (weather permitting). All events are held at Pupin Hall at Columbia University. No reservations are needed. Lectures are 30 minutes, stargazing lasts 90 minutes. Stay only as long as you want. For directions, weather updates and more information, please visit:

## http://outreach.astro.columbia.edu