

Meeting Notice October 2015

Of the Rittenhouse Astronomical Society

PRESENTER:

Dr. Emily L. Rice

Assistant Professor at C.U.N.Y. College of Staten Island

Research Associate @ American Museum of Natural History ~ Hayden Planetarium

The Society invites members, guests and the interested public to our upcoming meeting (students encouraged to attend.) **FREE/ Open to public, no admittance fee. Membership not required.**

Topic Title:

Too Small for a Star, too Large for a Planet: Brown Dwarfs

WHERE:

THE FRANKLIN INSTITUTE
222 20TH STREET & THE PARKWAY
PHILADELPHIA PA

WHAT: Brown dwarfs might be "failed" stars but they are also excellent analogs for gas giant planets, including the young, massive planets being directly-imaged around other stars with instruments like the Gemini Planet Imager and Project 1640. I will explain why we study brown dwarfs, the history of their discovery, and some of the most recent research results, as well as the importance of brown dwarfs for understanding exoplanetary systems.

WHEN: **WEDNESDAY October 14, 2015 @ 7:15 PM**

7:15 PM-Welcome: Officer Roll Call // **7:20**- Planet Report // **7:30**- Highlights of Autumn Sky
7:40 PM- Susanna Carrol, Curatorial Collections Manager @ Franklin Institute
7:55 PM- Presidents Address // **7:55** Spaced Out (Celestial Soundscapes) // **8:05**- Coming Events
8:10 PM- **Dr. Emily Rice** : *Too Small for Stars, Too Large for Planets*
9:00 PM- Observing In Bloom Observatory weather permitting, Directed Mixer if not

Contact: Info: 215-633-0604

ttuu@comcast.net

Rittenhouse Secretary: Ted Williams

Website: <http://www.RittenhouseAstronomicalSociety.org>

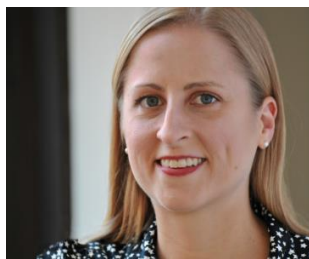
FaceBook: RittenhouseAstronomy

Mailing Address:

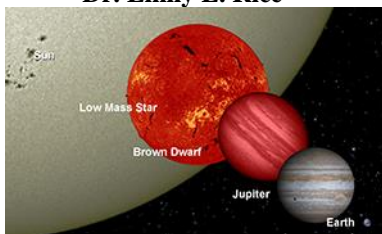
RITTENHOUSE ASTRONOMICAL SOCIETY
P.O. BOX 283
FEASTERVILLE, PA 19053-0283

Tonight's Presenter: Dr. Emily Rice

Assistant professor in the Dept. of Engineering Science & Physics at the College of Staten Island (City University of New York), faculty in Physics at the CUNY Graduate Center, member of CUNY Astro, and resident research associate in the Dept. of Astrophysics at the American Museum of Natural History. Emily focuses her studies on low mass stars, brown dwarfs, & exoplanets by studying their spectra and modeling their atmospheres. Her You-Tube video of "Women in Astronomy" is viewable at this link: <https://www.youtube.com/watch?v=5vMR7su4fi8>



Dr. Emily L. Rice



DATES TO REMEMBER:

October 9 2015

*An Evening Under the Stars
Conowingo Star Gazing Event
Muddy Run Recreation Area, Lancaster*

October 16 2015

*Observation Opportunity
Mallon Planetarium
Members who assist with a telescope get a free planetarium show!*

October 17 2015

*Telescope volunteers needed
Shiverfest @: Riverbend Environmental Ed. Center*

PLEASE NOTE:

Your subscription to Abrams Sky Calendar expires with the October Map (already mailed in July). Your membership needs to be current so that we can submit your subscription fee. Our memberships renew each academic year in September.