

Meeting Notice FEBRUARY 2016

Of the Rittenhouse Astronomical Society

PRESENTER:

Dr. David Bradstreet
Eastern University

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:

New Vistas in Planetarium Education

WHERE:

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

WHAT: With the maturing of digital planetariums, both in ability and number, the benefits of such fantastic technology are beginning to be reaped pedagogically. This presentation will center on new planetarium teaching techniques which have been or are being integrated into the Spitz Fulldome Curriculum for SciDome planetariums. Topics such as Tides, Epicycles and Retrograde Motion, Orbital Mechanics, Cosmology and Galileo's Observations of the Moons of Jupiter will be discussed and displayed in new ways to involve the audience and gain new insights into these fascinating but sometimes bewildering topics.

WHEN: **SATURDAY, WEDNESDAY FEBRUARY 10, 2016**

7:15 PM- Call to Order

// 7:20- Planet Report D. Vacca

7:30 PM- Seeing Double D. Walker

// 7:50- President's Address T. Williams VP

8:00 PM- Tech Break

8:05 PM- Guest Presenter Dr. David Bradstreet

9:00 PM- Observatory Viewing (Weather Permitting, Directed Mixer Poor Weather)

Contact: Info: 215-633-0604

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Rittenhouse Secretary: Ted Williams

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Dr. Bradstreet has been writing planetarium curriculum since 2007 and in order to keep up with advances in technology he supervised a recent upgrade to the Julia Fowler planetarium at Eastern College.

Three recently refereed astronomical publications and the official naming of Asteroid 1990DB = 5826 Bradstreet by the International Astronomical Union have paved the way for a book contract with Zondervan. Dr. Bradstreet's book is scheduled to be published in early 2016. Co-authored by Steve Rabey, the book will take a look at the supposed divide between astronomy and faith in our current Christian epoch and attempt to demonstrate that one can be both an evangelical and a practicing scientist without compromising either.

Dr. Bradstreet in the Bradstreet Observatory



DATES TO REMEMBER:

February 19, 2016

Observing Opportunity – Methacton School District. Members who volunteer with telescopes or binoculars get free planetarium admission. Details on our [Members Site](#).

March 18, 2016

Observing Opportunity – Methacton School District. Members who volunteer with telescopes or binoculars get free planetarium admission. Details on our [Members Site](#).

April 24th 2015

City Wide Telescope Night ~ Volunteers needed to help staff some 25 simultaneous events across Philadelphia. Those with Telescopes, Binoculars or pointers are welcome to assist with this event.

April 30th 2015

Philadelphia Science Festival
[Science Carnival](#)