



Weekly Calendar

March 19 - March 25, 2016

LSU Physics & Astronomy in the News

1. **Catherine Deibel** was named a Rainmaker in the category of Science, Technology, Engineering and Math Emerging Scholar from LSU Office of Research & Economic Development on March 16, 2016. Rainmakers are faculty members who balance their teaching and research responsibilities while extending the impact of their work to the world beyond academia. Deibel works in the experimental nuclear physics group, conducting research in some of the forefront areas of nuclear physics relating especially to nuclear astrophysics. [Read more](#)
2. **Wayne Newhauser** has been named a Fellow of the American Association of Physicists in Medicine. A distinct honor among the medical physics profession, an AAPM Fellow honors members who have made significant contributions through service, the advancement of medical physics knowledge based upon independent original research or development, medical physics educational activities, especially in regard to the education and training of medical physicists, medical students, medical residents and allied health personnel, and leadership in the practice of medical physics. [Read More](#)
3. **Gabriela González** appeared in LSU homepage as “Featured Tiger”. www.lsu.edu
4. The Reveille reported [“LSU students, alumni involved in LIGO reflect on the discovery”](#). LIGO has united founding scientists with alumni and graduate students alike.

New Publications

1. **Rob Hynes**, et al have presented observations of sub-second optical flux variability during an outburst of the microquasar V404 Cyg. They interpret this as synchrotron emission from a compact jet. "[Furiously Fast and Red: Sub-second Optical Flaring in V404 Cyg during the 2015 Outburst Peak](#)," MNRAS 2016 : stw571v1-stw571.
2. **E.F. Zganjar** has described the evolution of instruments and techniques in conversion electron spectroscopy focused on nuclear shape coexistence and electric monopole (E0) transitions in [“Conversion electron spectroscopy and its role in identifying shape coexisting structures in nuclei via E0 transitions”](#) in Journal of Physics G.: Nucl. Part. Phys. **43**, 024013 (2016).

LIGO Science Saturday

On the third Saturday of every month from 1 PM - 5 PM visitors are welcome to drop in and experience the LIGO Science Education Center's **Science Saturdays**. We offer tours of the control room (weather permitting), lobby activities and approximately 50 interactive science exhibits.

Tours are typically held at 1:15, 2, 3 and 4 PM.

The exhibit hall is open 1 PM - 5 PM.

Each Science Saturday focuses on a specific science topic and activities in the lobby focus on that topic.

On March 19th, LIGO Livingston will hold extended (10 AM - 5 PM) Science Saturday

Announcement

Student Spring Break begins at 7:30 am on March 20, 2016. Classes resume on Monday 28, 2016 at 7:30 am.

University offices are closed on Friday, March 25, 2016.

Saturday Science

LSU | College of
Science
Department of Physics
& Astronomy

SATURDAY SCIENCE

AT LOUISIANA STATE UNIVERSITY

Harnessing Chemistry to Combat Bacterial Resistance



A public lecture by

Dr. Carol Taylor

LSU Department of
Chemistry



19 March 2016, 10-11:00 a.m.

Room 130 Nicholson Hall, LSU

LSUSaturdayScience@gmail.com