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## NEWSLETTER

August  
2017



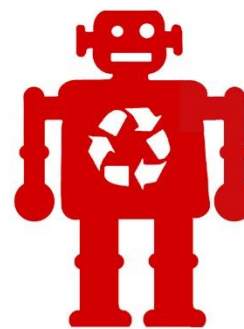
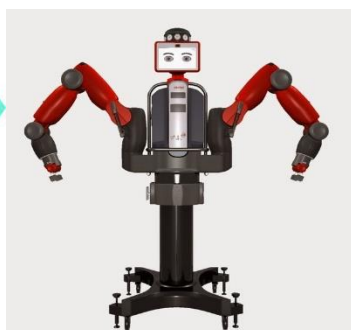
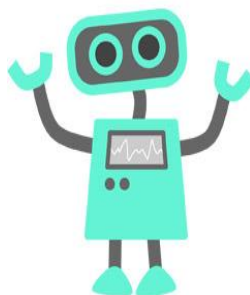
Chemistry and Physics Department, Oxendine Science Building – Room 3101, Pembroke, NC 28372  
[chem\\_phy@uncp.edu](mailto:chem_phy@uncp.edu) 910/521-6247

### **NEW FACULTY**

Dr. Mandjiny, faculty, and staff would like to welcome the newest member, Dr. Quinton Rice – Assistant Professor of Physics, to our department. Dr. Rice received his Ph.D. from Hampton University, VA. His research was on “Plasmon-exciton coupling in Quantum Confined Semiconductors”. He is bringing his rich experience of Spectroscopy Modeling & Data Analysis for various Devices/Instrumentation. As a graduate student, he has a good experience in teaching both lecture and lab from Hampton University and Carnegie Mellon University. He has published several papers in different Physics Journals and presented his research findings in several conferences. We are sure that his experience and knowledge will enhance our Applied Physics and ‘3+2’ Program. During his first semester, he will be teaching College Physics I, College Physics Lab I, and Classical Mechanics. We welcome Dr. Rice with warm wishes.

### **FIRST ROBOTICS COMPETITION**

On August 5<sup>th</sup>, the University held its first Robotics Competition at the Jones Center. The competition was for high school students from across the state. The students gained leadership skills and showed an interest in software programming and mechanical engineering with their robots. With the guidance of volunteer mentors helping the youth of our community take interest to learn, grow, and expand their future opportunities while honing their analytical skills and having fun. There were many smart students and the robotics gives them the opportunity to rise to the challenge.




## ***GREAT AMERICAN TOTAL SOLAR ECLIPSE***

The library cordially invites you to an information program on the total solar eclipse that will take place across the United States on August 21, 2017. The program is being co-sponsored by the **Friends of the Library**, the **Chemistry and Physics Department**, and the **Office for Diversity and Inclusion**.


The event, focusing on **The Great American Total Solar Eclipse**, will be held in the **Reading Room** of the **Mary Livermore Library** on **August 17**, at **1:00 p.m.** Nearly 200 people gathered to listen and receive free ISO approved glasses with which to safely watch the eclipse.

**Dr. Jose D'Arruda**, a professor of Physics at UNCP, will talk about where and when to see the eclipse, how long it will last, what you can expect to see, and how to plan ahead to ensure that you can watch it safely.

**The Friends of the Library, Chemistry & Physics  
Department, and the Office of Diversity & Inclusion of  
UNC Pembroke  
present  
A "Total Solar Eclipse" Information Program  
Featuring Dr. Jose D'Arruda**



**Dr. Jose D'Arruda**



*On Monday, August 21, 2017,  
the USA will fall under the path of  
a total solar eclipse.*

*At this information program,  
Dr. D'Arruda, a professor of  
physics at UNCP, will talk about  
where and when to see the  
eclipse, how long it will last, what  
you can expect to see, and how  
to plan ahead to ensure that you  
can watch it safely.*

*First 100 attendees will receive  
FREE Eclipse Glasses!!*

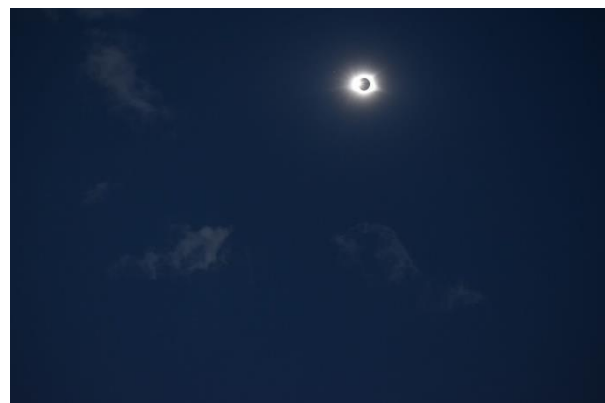
**Thursday, August 17, 2017  
at 1:00 p.m.  
Main Reading Room  
Mary Livermore Library  
Reception to follow**

This flyer is available in alternative formats upon request. Please contact the Accessibility Resource Center, DF Lowry Building, 910-521-6695.

Dr. D'Arruda gave a presentation on the eclipse for students at the Southeastern Academy in Lumberton on August 18<sup>th</sup>.

Dr. D'Arruda travelled with a group of students from RCC and the local community to a truck stop near Santee Cooper State Park in South Carolina on August 21<sup>st</sup> to take photos and view the total solar eclipse.





For more pictures, here is the link: <https://goo.gl/photos/FK6rUPRV9k44Z36v9>

### **SCOTLAND SCHOOL**

Dr. Tom Dooling visited the Scotland School Library in Laurinburg on August 21<sup>st</sup> to view the total solar eclipse with students, teachers, and friends of the community.

