

# ALL NEW! TEACHERS' LOUNGE SESSION SCIENCE EXPERIMENT LEARNING LAB

ADULTS ONLY \* COME & GO FORMAT

CONFERENCE & BANQUET CENTER  
(VIA SOUTH LOBBY ESCALATOR, 1ST FLOOR)

This come-and-go session provides teachers with the opportunity to experience and learn five fun, engaging hands-on science projects that can be leveled for a large age range and easily replicated in the classroom. Activities are aligned to the Oklahoma Academic Standards. Teachers who turn in their event surveys at the end of the day will receive a take-home kit that includes activity sheets and materials for all of the presented activities. Surveys must be turned in from 2:00-2:30 p.m. at the EPSCoR table in the north lobby.

## 5 Fun Science Projects You Will Experience First-Hand & Learn How to Teach:

- **DrawBots**

*This engineering design activity builds knowledge of circuits, motion, balance, art, and problem-solving. Using simple circuits and basic materials, participants will design a robot to create a unique masterpiece.*

- **Melt in Your Mouth**

*Yes, you can explore molecular structure, solubility, and intermolecular forces with chocolate and gum. This totally interactive chemistry experience lets you become part of the experiment.*

- **Squishy Circuits**

*Bringing together chemistry and physics, "Squishy Circuits" explores the properties of conductivity in a unique and unexpected manner. Using household ingredients, participants will develop colorful conductors to make interesting circuits and structures.*

- **Engineering Challenges**

*Discover easy ways to integrate engineering design into any curriculum using a series of challenges. Students of all ages can push their problem-solving skills to the limit!*

- **Seaweed Gummies**

*Molecular gastronomy is a great way to explore chemical reactions and bonding in a unique and tasty way. Participants will transform seaweed and salt into a sweet polymer bursting with flavor.*

**SESSION PRESENTED BY: SCIENCE MUSEUM OKLAHOMA & THE OKLAHOMA MUSEUM NETWORK**

Adults are invited to visit the teachers' lounge session during their scheduled time period.

The session is a come-and-go informal format. See your group's designated agenda for your scheduled Teachers' Lounge Session.

# MY CONFERENCE NOTES

## 2016 Women in Science Conference

GIRLS ROCK SCIENCE!



### **DON'T FORGET... AT THE END OF THE CONFERENCE**

#### **STUDENTS:**

RETURN YOUR COMPLETED SURVEY FORMS TO THE EPSCoR BOOTH IN THE MAIN LOBBY FROM 2:00-2:30 P.M. AND RECEIVE A SUPER FUN AND SCIENCE-Y CONFERENCE ITEM!

#### **TEACHERS:**

RETURN YOUR COMPLETED SURVEY FORMS TO THE EPSCoR BOOTH IN THE MAIN LOBBY FROM 2:00-2:30 P.M. AND RECEIVE A SPECIAL STEM KIT AND CURRICULUM MATERIALS. THESE KITS WILL ALLOW YOU TO REPLICATE THE TEACHERS' LOUNGE ACTIVITIES IN YOUR CLASSROOM!

#### **VENDORS, BOOTH HOSTS, AND VOLUNTEERS:**

RETURN YOUR COMPLETED SURVEY FORMS FROM 2:00-3:00 P.M. AT THE VENDOR ENTRANCE AND RECEIVE A CONFERENCE ITEM TO SHOW OUR APPRECIATION OF YOUR SUPPORT.