

# SCIENCE TEACHERS

MAKE **EXTRA MONEY** DURING  
YOUR FALL BREAK



## **ENROLL NOW IN THE** Center for Cardiovascular Research's **MOLECULAR BIOLOGY LABORATORY** **PROFESSIONAL DEVELOPMENT PROGRAM**

*“The research experience surpassed my goals! I learned so much more than I expected to learn and it helped me understand a lot of what I teach in AP Biology a lot better.”*

*- Jami, DOE Science Teacher*

### **PARTICIPANTS CAN EXPECT:**

- \$500.00 stipend
- University credit available
- Travel assistance for neighbor islands
- Access to online content materials
- Hands-on lab training at JABSOM
- Meet Hawaii's top scientists
- Work with fellow science teachers

### **MEETING DATES**

Oct 5-9, 2015



## MOLECULAR BIOLOGY TRAINING PROGRAM

While participating in this program, you will learn a variety of techniques used in research laboratories at the medical school.

Hands-on demonstrations will include teaching the following techniques:

- Polymerase Chain Reaction
- Restriction Enzyme Digestion
- Agarose Gel Electrophoresis
- Bacterial Transformation
- DNA Purification
- Bradford Assay
- DNA Extraction

Training will take place in the laboratories of the Center for Cardiovascular Research of the John A. Burns School of Medicine during the Fall Break. Participants will tour research facilities and hear from local scientists who will explain their current work to better understand diseases common throughout our islands and their investigations in finding therapeutic interventions.

This program also offers an online modular training component. Online instruction via the internet is self-paced and can be done at your leisure, but it is expected that participants will complete the online portion of training prior to their in-person attendance.

**The CCR is seeking the most motivated DOE high school science teachers in Hawaii to update their laboratory skills.**

Please call for more information:

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Supported by the HiSCI Program

