



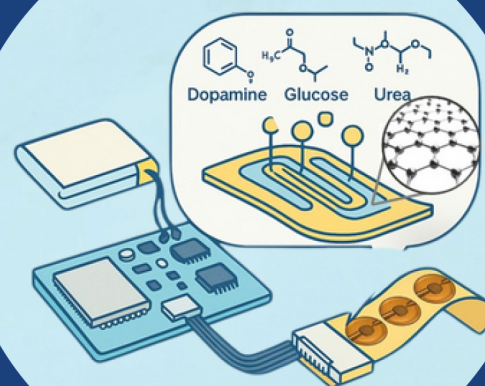
Join us for an Exciting
Teacher Professional
Development Workshop!

DETECTING THE INVISIBLE: BUILDING ELECTROCHEMICAL SENSORS FOR SMALL MOLECULES

August 3-4, 2026
118 Chambers Building,
University Park, PA 16802
9:00 A.M. - 4 P.M.

Join us for a hands-on workshop exploring how scientists design sensors to detect critical small molecules like dopamine and glucose. Featuring the research of Dr. Aida Ebrahimi at Penn State, this professional development session will guide secondary chemistry and physical science teachers through:

- Electrochemistry fundamental for biosensing
 - Materials selection and sensor performance
 - Sensor sensitivity, specificity, and detection limits
 - Data analysis of electrochemical measurements
- Participants will build and test their own simple electrochemical sensor and leave with practical experience to bring cutting-edge science into the classroom.



Apply Now!



Who's Eligible?

Secondary Chemistry and Physical
Science Teachers

Participant Benefits:

- ✓ \$100 stipend for participating in the workshop
- ✓ Workshop is FREE to all educators and aligned to the PA STEELS and NGSS standards
- ✓ Earn 12 hours of ACT 48 Credit
- ✓ Lunch provided