



## California Ford PAS Professional Development Sustainable Energy Workshop

**“We All Run on Energy”**

February 2 and 3, 2010

*Join Ford PAS educators in examining how to help students learn science content and skills as they explore an urgent global issue—energy sustainability!*

As educators, we want all students to succeed in the classroom and the real world. We want to actively engage students in their learning so that they can develop core knowledge and skills they can bring to college and the workplace. The Ford PAS program and curriculum provide high-quality interdisciplinary learning experiences that challenge students academically and develop essential 21<sup>st</sup> century skills. The program is supported by thriving partnerships between secondary schools, colleges and universities, community-based organizations, government agencies, and the business community. We invite you to participate in this workshop and to explore the Ford PAS curriculum approach to teaching and learning with educators, from across the state, who share a common commitment to advancing student learning. We encourage all educators and welcome specialists in English language arts, business, social studies, manufacturing, engineering, technology, math, science, and other subject areas to participate.

### **Workshop Goals**

- Learn strategies for linking classroom learning and academic content with real-world applications
- Explore techniques for helping students develop the 21<sup>st</sup>-century skills they will need in post-secondary education and the workplace
- Experience inquiry- and project-based approaches to teaching and learning
- Gain in-depth experience with the academically rigorous, interdisciplinary Ford PAS science teaching modules
- Explore the connections between the study of sustainable energy and traditional academic subjects, such as chemistry, biology, and physics

### **Participants will explore alternatives to fossil fuels:**

Solar Energy  
Water Energy  
Wind Energy