

# Supporting Teachers to Encourage the Pursuit of Undergraduate Physics for Women

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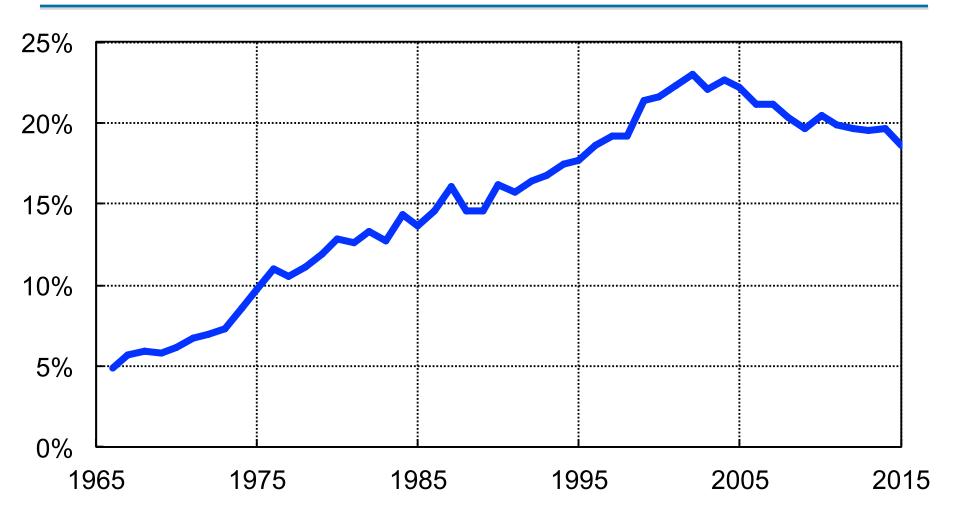








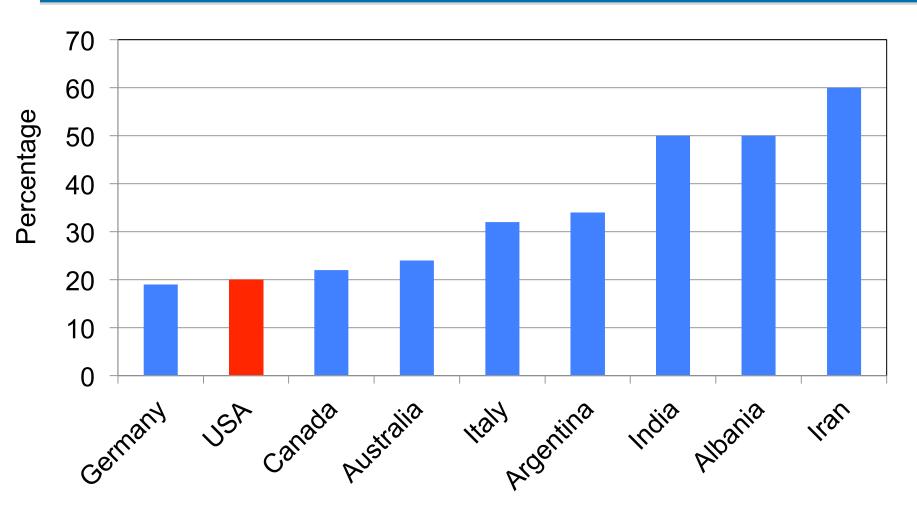
## Undergraduate Physics Degrees Awarded to Women



Source: National Center for Education Statistics and APS



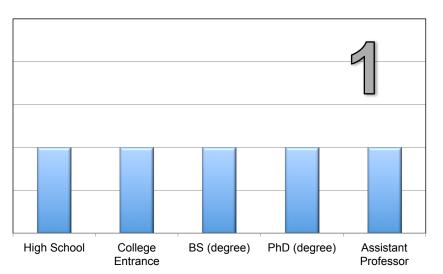
#### Not an inherit difference

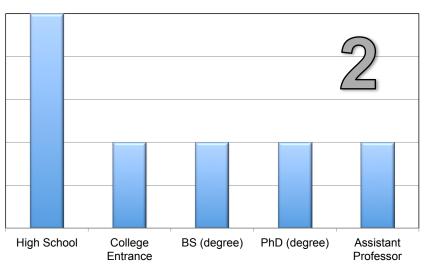


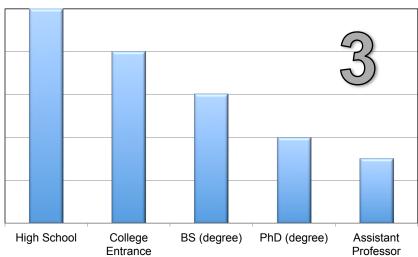
IUPAP International Conference on Women in Physics Proceedings (2005-2013)



# Quiz Time: Percentage of Women in Physics

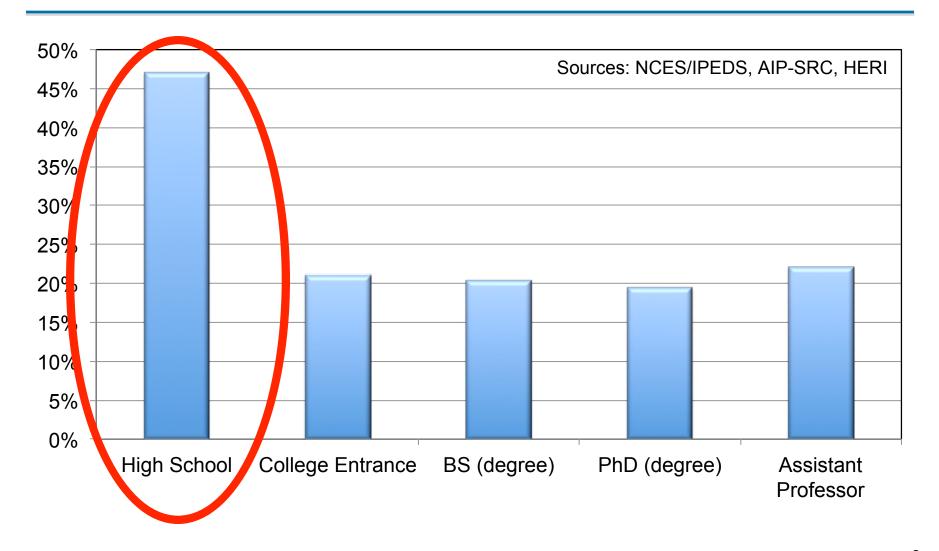






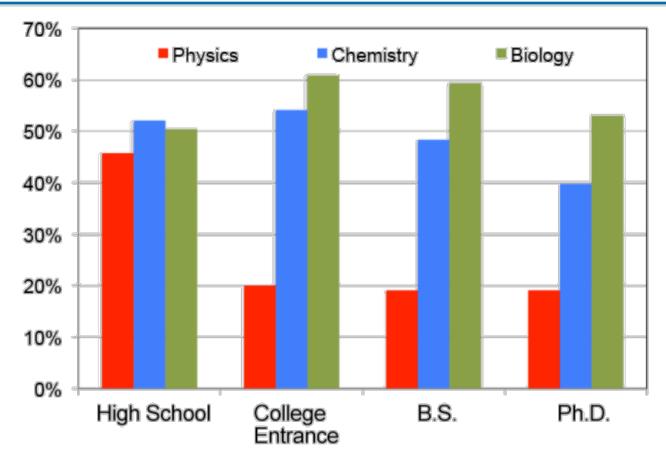


## **Percentage of Women in Physics**





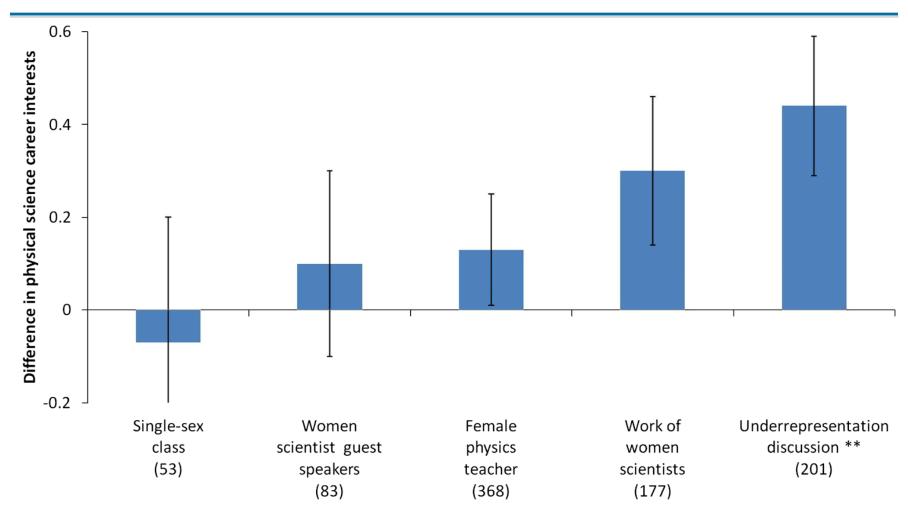
#### Compared to other sciences



Percentage of students in physics, chemistry, and biology who are women at various academic stages.



#### **Effects of Interventions**



Hazari, Potvin, Lock, Lung, Sonnert, and Sadler, "Factors that affect the physical science career interest of female students: Testing five common hypotheses," PRST PER 9 020115 (2013)

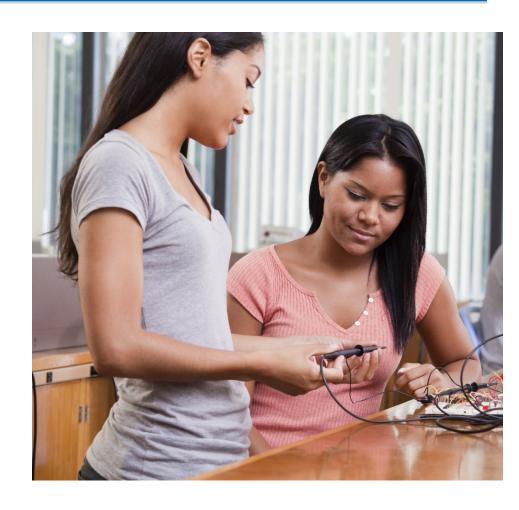


### **Project Broad Goal**

If we recruit only 4,500 more women who graduate with degrees in physics, the **gender gap will be closed**.

#### High School Teacher Action:

Inspire one more young woman every year to pursue a physics degree.





## What Can High School Teachers Do?

#### Join us for access to Research-Based Interventions:

- General Classroom
   Strategies
- Career Exploration Lesson
- Underrepresentation Discussion Lesson





### Register on stepup4women.org

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You will gain access to classroom strategies and lessons when they are released, or you may be invited to be part of a pilot group.