

Summer Institute for Teachers
June 8-16, 2009
Application Information

Participants receive stipends and expenses for nine days in residence at Texas A&M University. Space is limited to a group of 16 select high school teachers. The Summer Institute features collaborative and individualized sessions, allowing participants to customize open-ended modules to meet diverse classroom needs.

Applications are available after **November 1, 2008** at:

www.PlantingScience.org

Apply by March 9, 2009 for guaranteed consideration.

Mail, fax, or email completed applications to:

PlantingScience Program
Botanical Society of America
4475 Castleman Ave
St. Louis, MO 63110

314-577-9515 (fax)

chemingway@botany.org



Funded by National Science Foundation



Mentoring support provided by these and other organizations:



Summer Institute for Teachers at:



For more information, please contact:

Claire Hemingway,
Education Director
Botanical Society of America

chemingway@botany.org
562-433-4057



Connecting classrooms
across the country with
practicing scientists as
online mentors.

www.PlantingScience.org

Cultivate Curiosity * Explore new Resources * Challenge Students to Design Investigations
Invite Scientists to Inspire * Discover the Fun of e-Science Collaborations



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Designed especially for high school teachers to explore plant biology content while learning to incorporate online mentored inquiry projects.

PlantingScience offers a unique opportunity for students to think and work like scientists.

PlantingScience connects classrooms across the country with practicing scientists as online mentors.

Summer workshop and school-year mentoring are provided to high school science teachers for integrating **PlantingScience** in their classrooms.

PlantingScience provides opportunities for high school teachers to:

- **Integrate** biology content with authentic science learning activities that allow students to learn about science as a way that humans learn about the natural world.
 - **Experience** science with their students in the way that science is done by scientists.
 - **Receive** full support for classroom implementation.
 - **Incorporate** plants as model organisms in biology classrooms with the help of practicing plant scientists.
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- **Share** mentoring with scientists who support students as they generate their own questions and methods for answering them.
 - **Build** 21st century skills including data analysis, communication, life-long learning, use of technology, and problem-solving.
 - **Collaborate** with teachers from around the country.
 - **Participate** in classroom-based research to investigate the effects of this unique inquiry-based learning environment on students' understandings about science.



Programs like this have the real potential for improving sciences literacy.

Dr. Peter Raven, President,
Missouri Botanical Gardens

The program can make it easy to teach because students are motivated.

C. Packard
Sisters Middle School



What our participants are saying:

I liked designing our own experiment. Even after it was over, there were still ways to expand and do more.

Justin

Working on a research team was fun.

Liz

Having scientists comment on our project was cool.

Sean