

Summer Institute for Teachers June 21 - 29, 2010

- ✓ Stipends and housing provided, travel and food allowances
- ✓ 9 days at Texas A&M University
- ✓ Immerse yourself in new C-fern reproduction and Celery Challenge inquiries, explore existing modules
- ✓ Share enthusiasm for inquiry teaching and learning with scientists and educators
- ✓ Engage in online community platform
- ✓ Explore student science talk and notebooks for use in class and online
- ✓ Develop plan to take online mentored inquiries to your class

Space for 16 high and middle school teachers.

To apply online:

www.PlantingScience.org

<http://www.plantingscience.org/institute-application.html>

Application due:

April 9, 2010



Major support for PlantingScience is provided by
National Science Foundation



Mentoring support provided by these
and other organizations:



Summer Institute for Teachers hosted at:



PlantingScience

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

For more information, contact:

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plantingscience



*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



**Summer Institute for Teachers
 June 21 - 29, 2010**

Explore plant biology content that will allow your students to engage in scientifically oriented questions and develop student-centered plant investigations.

Focus this summer on C-Fern reproduction and Celery Challenge

Join the PlantingScience community to:

- **Experience** science with your students in the way that science is done by scientists.
- **Receive** full support for classroom implementation.



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



Summer workshop and school-year mentoring opportunities are open to high school and middle school science teachers to integrate **PlantingScience** in their classrooms.

Inquiries are targeted for high school students, many adaptable to middle school or college.

- **Incorporate** plants as model organisms in biology classrooms with the help of practicing plant scientists.



- **Collaborate** with teachers from around the country.
- **Share** mentoring with scientists who support students generating questions and methods for answering them.
- **Build** 21st century skills: data analysis, communication, life-long learning, use of technology, and problem-solving.
- **Participate** in classroom-based research.

**Online Mentored Inquiry Sessions
 Fall & Spring**

Connect your classroom to others across the country and invite practicing scientists as online mentors.

Community Resources:

- ❖ Seed germination, photosynthesis, respiration modules online, pollination and genetics in field-testing
- ❖ Inquiry teaching and assessment guides
- ❖ Teacher support network and online discussion forum



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



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

C. Packard
 Sisters Middle School

It is a great opportunity to make a difference in how students view and think about science.

Anonymous mentor

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

Dr. Peter Raven