



## *Science Content 3-Day Institute June 28-30, 2010*

### **“Pedagogical Practices to Support Deeper Understandings of Genetics and Evolution”**

In this 3-day workshop, MS and HS/AP teachers will work in grade-level and cross-grade-level groups to deepen their pedagogical content knowledge of classical and molecular genetics and evolution, create meaningful assessments of student understanding of these topics, and inform the transition from MS life science to HS/AP biology with regard to these topics. Diverse student needs and modes of learning will be addressed through differentiated planning and instructional strategies, including appropriate scaffolds for these complex concepts. Teachers will generate formative and summative assessments that allow for the generation of learning data that may be used to inform instruction. Teachers will walk away with tangible classroom materials mapped to the scope and sequence/core curriculum to use in the 2010-2011 school year.

**Dr. Ann Kindfield**, Assessment and Science Content Specialist, EduChange, Inc. Dr. Kindfield has 30 years experience in science education as a university instructor, assessment developer and evaluator. She has taught biology, genetics and various science education courses, including work with pre-service secondary science teachers, at UC Berkeley, Montclair State University and Vanderbilt University. She also has extensive experience in K-16 science assessment R&D in academic settings and at the Educational Testing Service (ETS) and has served on advisory panels and as the evaluator for a number of science education research projects. Ann has recently started working with EduChange, Inc. as a curriculum and assessment developer and science teacher workshop leader. She has presented submitted work at AERA, NARST, NSTA, and ICLS and given invited presentations at Vanderbilt University, CCNY-CUNY and AAI. In addition she has published in *Journal of the Learning Sciences*, *Educational Assessment*, *American Education Research Journal*, *Science Education*, *Cultural Studies of Science Education*, *American Biology Teacher* and *Journal of Biological Education*.

***Enrollment Deadline: April 23, 2010  
Space Is Limited ~ Apply Today***



## The Details...

- Location: The Rockefeller University campus at 66<sup>th</sup> and York in Manhattan. Directions, building locations, and maps will be provided upon enrollment.
- The NYCDOE is sponsoring this event, so participation is free
- Daily Timeframe: 8:30 am – 3:00 pm
- Teachers must participate all 3 days; No sub coverage will be provided on June 28; Teachers will receive payment at the trainee rate for 18 hours
- Teachers must secure permission and make arrangements to be absent on June 28, the last day of school
- Rockefeller University provides a wide array of breakfast and lunch choices meeting a variety of dietary needs. Breakfast and a hearty lunch are provided.

## Enrollment Form for 3-Day Institute: Genetics & Evolution

June 28-30, 2010

***Do us a big favor: write legibly and darkly!!***

Name: \_\_\_\_\_

Email Address (the one you check, and attachment-friendly):

\_\_\_\_\_

Contact Phone Number: \_\_\_\_\_

School: \_\_\_\_\_

Grade Levels Taught in 2009-2010: \_\_\_\_\_

Subjects/School Roles in 2009-2010: \_\_\_\_\_

Grade Levels to Teach in 2010-2011 (projected): \_\_\_\_\_

Subjects/School Roles in 2010-2011 (projected): \_\_\_\_\_

\_\_\_\_\_

FAX one (1) enrollment form per educator to 1-866-402-7543

OR

Scan and email to [Catherine@educhange.com](mailto:Catherine@educhange.com)

Secondary fax number: 646-613-8444