

ANNOUNCEMENT

Teaching Science in a New Way: Scientific Literacy Skills for All

Macaulay Honors College at CUNY launches new “Science Forward” Open Educational Resource and Video Series

New York, NY – (August 28, 2014). When scientists explore, observe, test and analyze the world around us, how do they approach questions? Macaulay Honors College and CUNY Advance have produced a new Open Educational Resource (OER) entitled *Science Forward* to support inquiry-based basic science classes. An interdisciplinary team of CUNY scientists developed a framework called Science Sense, comprised of Number Sense, Data Sense and Knowledge Sense.

At Macaulay, the *Science Forward* course is a new type of undergraduate science seminar, helping students to see science as a lens on the world, a way of approaching questions and challenges. Starting with critical issues in the contemporary world, from climate change to the social and economic implications of new scientific findings, the course encourages active learning and inquiry-based instruction.

The videos, hosted by science journalist Flora Lichtman, provide engaging, stimulating introductions to topics from fields of scientific inquiry including Urban Ecology, Evolution, Food, Climate Change, and Artificial Intelligence, as well as more general questions about the nature of science.

The site and the series of videos produced for this initiative provide modular resources that are shareable and adaptable for a variety of different educational settings. All are welcome to view, download and use the materials. The *Science Forward* team encourages responses, ideas and participation.

The videos and the entire resource are valuable for anyone who is science-curious, including teachers, students or lifelong learners. As one of the researchers featured in the videos, Chanda Bennett, Ph.D. (Ecologist and Manager of Education for the Wildlife Conservation Society New York Aquarium), says, “Science is part of everything that we do every day. Some of the stereotypes about science may impede people from understanding and engaging with science.” *Science Forward* is designed to fight those stereotypes and foster learning and engagement with science.

To view the videos and virtual resource center go to: <http://cuny.is/scienceforward>

For questions, contact:

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About Macaulay Honors College

Macaulay Honors College at The City University of New York offers exceptional students a uniquely personalized education with access to the vast resources of the nation's largest urban university and New York City itself. Selected for their top high school records and leadership potential, Macaulay students receive a full-tuition scholarship, a laptop and technology support, and an Opportunities Fund to pursue global learning and service opportunities. Macaulay students enroll in one of eight CUNY senior colleges (Baruch, Brooklyn, City, Hunter, John Jay, Lehman, Queens and Staten Island). For more information, see macaulay.cuny.edu

About CUNY Advance

CUNY Advance fosters high-impact, technology-facilitated initiatives at The City University of New York, including pilots to expand access to high-demand courses and new curriculum development. Guided by a task force of CUNY college presidents and leading thinkers on instructional technology, CUNY Advance supports campus-based innovations and projects that have transformative potential across the University.