IDEAS Institute*
Of
The School of Education and Allied Human Services

Invites Hofstra University Faculty in the natural and applied sciences
to attend an afternoon seminar on

Teaching for Understanding in University Science Courses

Presented by: Dr. Jacqueline Grennon Brooks
Feb 27, 2004
1:00 p.m. – 2:30 p.m.
Hagedorn Hall Room 284

The objective of this workshop is to offer science faculty an
opportunity to reflect on teaching practices through two lenses:
(1) The research on teaching for understanding
(2) The perspective of unifying science concepts.

Jacqueline Grennon Brooks
is Associate Professor in the Department of Curriculum and Teaching at Hofstra University. Dr. Brooks
directed Stony Brook University's first Biotechnology Teaching Laboratory (BTL). In
collaboration with the Center for Biotechnology, Dr. Brooks designed the BTL's first programs for
attorneys, politicians, university faculty, and civic and business leaders to learn about the forensic,
medical and industrial uses of DNA. As Director of Discover Lab, a site of countless professional visits
from educators studying pedagogy and epistemology and an outreach program serving thousands of
children and their teachers from regional schools, she designed a clinical practice setting for the
university's teacher candidates in which educational outcomes from problem-based scientific
investigations were studied.

*Institute for the Development of Education in the Advanced Sciences
Janice Koch Ph.D Director