



Buffalo State

American Physical Society and American Association
of Physics Teachers: Joint New York State Section
Meetings and Spring 2004 Symposium

April 16-17, 2004: Buffalo State College

What Physics Education Research Says to Physicists and Physics Educators

16-17 April, 2004 Bulger Communications Bldg, SUNY- Buffalo State College
1300 Elmwood Ave, Buffalo NY 14222 <<http://www.buffalostate.edu/depts/physics/symposium04/>>

Registration: students free; \$15 advance for working teachers or association members;
\$20 general public; \$5 more at the door. Student travel support is available.

Session I: Recruiting and Retaining Under-Represented Populations

1:20-4:35pm, Friday, April 16, 2004

Session II: Research on Learning Physics

9:00am-noon, Saturday, April 17, 2004

Session III: Applying Research in the Physics Classroom

1:30-2:45pm, Saturday, April 17, 2004

How We Can Help: The Rutgers Story ✿ Can Corporate America Help? How Xerox Does It With
The Xerox Science Consultant Program ✿ Hints From The *Physics Enrollment Pipeline* For
Recruiting And Retaining Under-Represented Students ✿ Early Career Rotational Programs Help
Kodak Build And Maintain A Truly Diverse Corporation ✿ Assessment And Achievement: True
Confessions Of A Reformed Practitioner ✿ Is Understanding Really The Point Of Physics
Teaching? ✿ Uncommon Knowledge: Student Behavior Correlated To Conceptual Learning ✿
Physics Education Research-Based Reform At A Multicultural Institution ✿ Expert / Novice
Comparison Of Problem Solving Views And Attitudes ✿ SCALE-UP: Active Learning In Large
Classes ✿ The Reformed Teaching Observation Protocol (RTOP) In Physics Classes ✿

Free Public Keynote Address 8:00-9:00pm, Friday, April 16, 2004 (Buffalo Hist Socty)

Assessment and Achievement: True Confessions of a Reformed Practitioner

Dr. Michael Zeilik, Physics and Astronomy Department, University of New Mexico

*Courtesy of J.S. Wiley & Sons, the first 300 attendees will receive a complimentary copy of
Teaching Physics with the Physics Suite by E.F. Redish, valued at approximately \$30.*

Free parking available, refreshments served. Teacher Professional Development letters and / or
CEU credit available on request. Maps, registration forms, abstracts, support, etc. on website.