

# SCIENCE EDUCATION

## CONTENIDO

VOLUME 95 No. 5, SEPTEMBER 2011

### CONTENTS

- 771 **Science Achievement of English Language Learners in Urban Elementary Schools:** Fourth-Grade Student Achievement Results From a Professional Development Intervention.  
*Alexandra O. Santau, Jaime L. Maerten-Rivera, and Anne Corinne Huggins.*  
Published Online 23 February 2011.

- 794 Exploring the Complexity of Tree Thinking Expertise in an Undergraduate Systematics Course.  
*Kristy L. Halverson, Chris J. Pires, and Sandra K. Abell.*  
Published Online 18 January 2011.

#### LEARNING Michael Ford and Maria Varelas, Section Coeditors

- 824 **Young African American Children's Representations of Self Science, and School:** Making Sense of Difference.  
*Maria Varelas, Justine M. Kane, and Caitlin Donahue Wylie.*  
Published Online 17 March 2011.

- 852 Understanding Students' Language Use About Expansion Through Analyzing Their Lexicogrammatical Resources.  
*Lay Hoom Seah, David J. Clarck, and Christine E. Hart.*  
Published Online 4 March 2011.

#### SCIENCE EDUCATION POLICY Stephen P. Norris, Section Coeditors.

- 877 **Pipeline Persistence:** Examining the Association of Educational Experiences With Earned Degrees in STEM Among U.S. Students.  
*Adam V. Maltese and Robert H. Tai.*  
Published Online 3 May 2011.

#### SCIENCE TEACHER EDUCATION Julie A. Bianchini and Sherry Southerland, Section Coeditors

- 908 "Experiments" and the Inquiry Emphasis confliction in Science Teacher Education.  
*Jakob Gylenpalm and Per-Olof Wickman.*  
Published Online 10 May 2011.

- 927 Preservice Elementary Teachers' Adaptation of Science Curriculum Materials for Inquiry-Based Elementary Science.  
*Cory T. Forbes.*  
Published Online 4 March 2011.

**THE BOOKS Troy Sadler, Section Coeditors**

- 956 Good Science? The Growing Gap between Power and Education.  
*Jean Rockford Aguilar-Valdez.*  
Published Online 21 July 2011.
- 958 Nonsense on Stilts: How to Tell Science From Bunk.  
*Yeung Chung Lee.*  
Published Online 21 April 2011.