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### EDUCATION

1998 Ph.D. Education, University of California, Davis  
1989 M.A. Education/Curriculum and Instruction, University of California, Davis  
1981 CA Single Subject Teaching Credential, Life Science; Supplementary Teaching  
Credential in Chemistry  
1980 B.S. Zoology, University of California, Davis

### APPOINTMENTS

2005-present **Senior Research Associate**, Inverness Research Inc.  
2008-present **Trustee**, The Tow Foundation  
2003-2007 **Science Education Specialist**, Center for Biophotonics Science and Technology, UCD  
2003-2005 **Lecturer and MA Program Advisor**, School of Education, UC Davis  
1996-2005 **Education Extension Specialist in Science**, CRESS Center, UC Davis, also 1990-92  
1998-2003 **Academic Coordinator**, CRESS Teacher Research Program, UC Davis  
1991-1998 **Director**, Sacramento Area Science Project, CRESS Center, UC Davis  
1993-1995 **Lecturer**, Division of Education, UC Davis  
1992-1993 **Interim Executive Director**, California Science Project, UC Office of the President  
1986-90 **Mentor Teacher**, Science Resource Teacher for K-12 in San Juan Unified School  
District (SJUSD)  
1986-88 **Staff Development Trainer/Curriculum Consultant - SJUSD**  
1984 **Area 3 Writing Project Fellow**, University of California, Davis  
1981-1990 **Teacher**, grades 7-12: Biology, Chemistry, Physiology, Life Science, General  
Science, Physical Science- SJUSD

### RELATED PUBLICATIONS

**1. Evaluation reports for Inverness Research (a sampling). All are available at [www.inverness-research.org](http://www.inverness-research.org)**

(2014). *Akamai Workforce Initiative (AWI) – (3 Evaluation Briefs: The Design and Evolution of the Akamai Workforce Initiative – An External Review by Inverness Research; The UCSC Institute for Scientist and Engineer Educators; Contributions of the Akamai Workforce Initiative)*. With Mark St. John.

(2013). *Sharing the Universe – Summative Evaluation Report*. With Dawn Robles and Mark St. John.

(2012). *The Fabric of the Cosmos - Summative Evaluation Report*. With Becky Carroll and Laura Stokes.

(2011). *ET CURE Undergraduate and High School Programs: Center for Biophotonics Science and Technology - Summative Evaluation Reports*. With Laurie Lopez and Heather Mitchell.

- (2010). *Convergence of Science and Society: "The Power of Small"*. With Judy Hirabayashi and Mark St. John.
- (2009). *Investing in the Improvement of Elementary Science in Washington State: Findings and Implications from a Study of K-5 Teachers Striving to Strengthen their Science Teaching*. Inverness Research Inc., Evaluation Report and Executive Summary. With Laura Stokes and Becky Carroll.
- (2009). *Keeping the Promise of the 21st Century: Bringing Classroom Teaching into the Digital Age*. Inverness Research Inc. Evaluation Report and Policy Brief. With Laura Stokes and Katherine Ramage.
- (2009). *The NISE Network Evaluation*. With Jen Helms and Mark St. John

## **2. Other relevant academic publications (including limited distribution) and presentations**

- Molinaro, M., Castori, P., Wright, M., Corbacho, A. (2007). Introducing and Engaging Diverse High School Students to Biophotonics Through Multi-Year Courses. Education and Training in Optics and Photonics (ETOP).
- Peterson, K, Ponzio, R., Castori, P., Galloway, R. (2006) Making Child Scientific Learning Visible. *Science and Children*, v. 44, July 2006.
- Smith, M., Meehan, C., Enfield, R. Castori, P. (2005). Using drawings to assess self-animal perceptions. *Anthrozoos*, 18 (2) p. 122-139.
- Castori, P., Dinh, D. (2005) EL Voices form the Classrooms: New Science Teachers Address English Learner Challenges through Teacher Research. *The CSP Connection*, v. 5, n. 4.
- Castori, P. (2005) Voices and Perspectives from the CBST High School Biophotonics Research Academy. *Shedding Light on Life: Newsletter of the Center for Biophotonics Science and Technology*, pp 3-4, 7, Spring/Summer 2005.
- Castori, P., Edmonds, O., Fagout, S., Halbe, C., Kulkarni, H. Parsons, M., Salm, N. Wright, F. (2003) Teacher Researchers Investigating Successful Strategies for Educating English Learners. A Final Report for the University of California Language Minority Research Institute, n.4.
- Castori, P. (2002) Finding a niche for Lesson Study in the culture of United States Education within the traditions of practitioner research. *The CSP Connection*, v.2, n..6 in *California Classroom Science*.
- Papale, J., Castori, P., Wilson, J. (Eds.) (2000-2002). *Windows on our Classroom*, v.7, 8, 9. The CRESS Center, Division of Education, University of California, Davis.
- Castori, P. (2001) Research Perspectives on the Rationale and Goals for Science Laboratory Experiences: 'Hey, I found some science!' *The CSP Connection*, v.1, n.4 in *California Classroom Science*.
- Castori, P. (1998) *The Teaching-Related Work of a Scientist Who Collaborates with K-12 Teachers: A Living Case Study*. Dissertation, University of California, Davis.

- Castori, P. (1993) A School of Education Extension Service Model. In Art Sussman (Ed.) *Science Education Partnerships - Manual for Scientists and K-12 Teachers*, University of California, San Francisco, p. 69-74.
- Castori, P. (1989). *Design and Evaluation of Teaching Strategies Reflecting Current Theory on Conceptualization in Science*. Masters thesis, University of California, Davis.
- Phillips, D. & Castori, P. (1982). Defensive responses to predatory seastars by two specialist limpets, *Notoacmea insessa* (Hinds) and *Collisella instabilis* (Gould) associated with marine algae. *Journal of Experimental Marine Biology and Ecology*. 59 (1) 23-30.
- “Sharing the Universe Project Summative Evaluation: Bolstering Amateur Astronomy Clubs’ Education and Public Outreach” presentation at the Astronomical Society of the Pacific, 2013. San Jose, CA.
- “The High School Biophotonics Research Academy: A Unique but Obvious Model for Increasing the Pipeline of Underrepresented Students into STEM Fields” paper presentation at the National Association for Research in Science Teaching Conference, 2005. Dallas.
- “Critical Issues for Teacher Researchers in Science and Critical Issues for Science Educators: Comparing and Contrasting Research Agendas” paper presentation with Susan Crider at the National Association for Research in Science Teaching Conference, 2004. Vancouver, BC.
- “Achievement Indicators, Experiences, and Opportunities to Learn for English Language Learners: Seven Teacher Researchers Report on their Findings” paper presentation with Shirley Fagout, Carol Halbe and Nancy Salm at American Educational Research Association Conference, 2004, San Diego.
- “Linking Teaching Practices to Student Understandings in Science: The Sacramento Area Science Project (SASP) Teacher Research Group” paper presentation at the American Educational Research Association Conference, New Orleans, 2002 with Rich Hedman and Cristina McFadden.
- “A Decade of Teacher Research: Common and Distinguishing Lessons Learned by Two Established Programs”, presentation at the American Educational Research Association Conference, New Orleans, 2000 presented with Robin Marion.
- “Promoting Effective Science Teaching Practice through Interpretive Case Study Research: Introducing the ‘Living Cast Study’”, National Association for Research on Science Teaching Conference, Boston, 1999.
- “A Case of the Teaching-Related Work of a Scientist Who Collaborates with K-12 Teachers.” National Association for Research in Science Teaching, 1998.