

CRAIG RUSBULT

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FORMAL EDUCATION Ph.D. in Curriculum & Instruction (Science Education), University of Wisconsin-Madison.
M.A. in History of Science, University of Wisconsin-Madison.
M.S. in Chemistry, University of Washington.
B.A. in Chemistry, University of California-Irvine.

SKILLS & PUBLICATIONS Have attained an extensive understanding of two dynamic processes: science and education.
Have developed a website for Whole-Person Education, covering a wide variety of topics; <http://www.asa3.org/ASA/education/teach/learn/tour.htm> describes web-pages I've written, as author and editor, about effective learning, thinking (creative, critical, scientific) and teaching.
In doctoral dissertation, synthesized ideas (mostly from scientists and philosophers, but also from sociologists, psychologists, historians, and myself) into a model of scientific method, and applied this model for the integrative analysis of innovative inquiry teaching.
Wrote a supplementary textbook for first-year college physics, *Physics: Power Tools for Problem Solving*, that is now available at <http://www.asa3.org/ASA/education/teach/tools/>
Worked in chemistry research labs in a university (U.C. Irvine) and industry (Rockwell), and analyzed high jumping (learning & performance, biomechanics, and physiology) in collaboration with faculty and grad students in Dept of Kinesiology, U of Washington.
Software: word processing, web design, graphics, PDFs, powerpoint, spreadsheet, music.

TEACHING EXPERIENCE Teaching Assistant and Faculty Assistant at University of Wisconsin-Madison until present, for departments of Physics and Chemistry, teaching mostly in discussion sections and labs, and occasionally in a large-class setting.
Lab instructor for middle school students in "Fun with Chemistry" summer camp run by the Institute for Chemical Education at University of Wisconsin-Madison: 1994, 1995, 1996.
Chemistry tutor for minority students at University of Washington Instructional Center, and private tutor for UW students in chemistry, physics and math.
Taught a variety of classes and workshops — problem-solving strategies, tennis, juggling, music theory & improvisation — for the University of Washington Experimental College, Seattle YMCA, and Northwest Folklife Festival.

ACADEMIC DISTINCTIONS Deans Club Award for Graduate Students in Education at University of Wisconsin-Madison; twice was top-rated nominee by Dept of Curriculum & Instruction for University Fellowships.
On Graduate Record Exam, scores of 800 (highest possible) for Verbal and Math, 1990.
GRE scores were all in 98 & 99th percentiles for Analytical, Verbal, and Math, 1978.
Fellowship from National Science Foundation for graduate study in chemistry.
Twice selected "The Most Outstanding Chemistry Student" by American Chemical Society: for all high schools of Orange County, CA, and for the University of California at Irvine.