

Daniel K. Apple

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Professional Preparation

SUNY College of Environmental Science & Forestry	Public Policy and Analysis	Ph.D. 1980
Syracuse University	Industrial Engineering and Operations Research	M.S. 1977
University of California, Santa Cruz	Mathematics, Chemistry and Information Science	B.A. 1976

Appointments

President of Pacific Crest, Inc. 1984 – present

Publications

- Apple, D., Ellis, W., & Hintze, D. (2015). Learning to Learn Camps: Their History and Development. *International Journal of Process Education*. 7(1) Pending publication
- Apple, D., Ellis, W., & Hintze, D. (2015). Learning How to Learn: Improving the Performance of Learning. *International Journal of Process Education*. 7(1) Pending publication
- Ellis, W., Apple, D., Watts, M., Hintze, D., Teeguarden, J., Cappetta, R., & Burke, K. (2014) *Quantitative Reasoning and Problem Solving*. Hampton, NH: Pacific Crest.
- Ellis, W., Teeguarden, J., Apple, D., & Hintze, D. (2013). *Foundations of Algebra: Active Learning Textbook*. Hampton, NH: Pacific Crest.
- Apple, D., Morgan, J., & Hintze, D. (2013). *Learning to Learn: Becoming a Self-Grower*. Hampton, NH: Pacific Crest.
- Ellis, W., & Apple, D. (2012). *Foundations of Algebra: Active Learning Workbook*. Hampton, NH: Pacific Crest.
- Apple, D. (2011). *Student Success Toolbox*. Hampton, NH: Pacific Crest.
- Hintze, D., Beyerlein, S., Apple, D., & Holmes, C. (2011). The Transformation of Education: 14 Aspects. *International Journal of Process Education*. 3(1) Retrieved from <http://www.processeducation.org/ijpe/2011/transformationh.pdf>
- Kathleen Burke, K., El-Sayed, M., & Apple, D. (2009). Process Education™ — Past, Present, and Future. *International Journal of Process Education*. 1(1) Retrieved from http://www.processeducation.org/ijpe/2009/pe_hxh.pdf
- Utschig, T., & Apple, D (2009). Keys to Improving Academic Assessment. *International Journal of Process Education*. 1(1) Retrieved from http://www.processeducation.org/ijpe/2009/keys_assessmenth.pdf
- Beyerlein, S., Holmes, C., & Apple, D.K. (Eds.). (2007). *Faculty Guidebook* (4th ed.). [previous editions from 2003.] Lisle, IL: Pacific Crest.

- Apple, D.K. (2006). *Assessment Institute Handbook*. Lisle, IL: Pacific Crest.
- Apple, D.K. (2005). *Designing and Implementing Performance Measures Handbook*. Lisle, IL: Pacific Crest.
- Hanson, D.M. & Apple, D.K. (2004). Process—The Missing Element. *Volume IV: What works, what matters, what lasts*. Project Kaleidoscope. http://www.pkal.org/documents/hanson-apple_process—the-missing-element.pdf
- Apple, D.K. (2004). *Program Assessment Institute Handbook*. Lisle, IL: Pacific Crest.
- Parker, P.E., Fleming, P.D., Beyerlein, S.B., Apple, D.K., & Krumsieg, K. (2001). “*Differentiating Assessment from Evaluation as Continuous Improvement Tools*.” Frontiers in Education Conference, Reno, NV.
- Williams, M.W., Litynski, D.M., & Apple, D.K. (2001). Process Education and Continual Process Improvement at Western Michigan University (WMU). ASEE/IEEE Frontiers in Education Conference, Reno, NV.
- Apple, D.K. (2001). *Curriculum Design Handbook*. Lisle, IL: Pacific Crest.
- Apple, D.K. & Krumsieg, K. (2001). *Facilitator Institute Handbook*. Lisle, IL: Pacific Crest.
- Apple, D.K. & Krumsieg, K. (2001). *Teaching Institute Handbook*. Lisle, IL: Pacific Crest.
- Apple, D.K. (2000). *Learning Assessment Journal*. Lisle, IL: Pacific Crest.
- Apple, D.K., Casler, B., Krumsieg, K., & Lawrence, B.H. (1999, 1992). *A Fresh Look at Math and Graphing Skills*. Lisle, IL: Pacific Crest.
- Apple, D.K. (1997). *A Classification of Learning Skills for Educational Enrichment and Assessment*. Lisle, IL: Pacific Crest.
- Neff, G., Beyerlein, S.B., Apple, D.K., & Krumsieg, K. (1995). “*Transforming Engineering Education from a Product to a Process*.” World Conference on Engineering Education, Minneapolis, MN.
- Duncan-Hewitt, W., Mount, D.L., & Apple, D.K. (1994). *A Handbook on Cooperative Learning*. Lisle, IL: Pacific Crest.
- Apple, D.K. & Lawrence, B.H. (1994). Education as a Process. ICTCM Conference, Printed Proceedings (ISBN 0-201-87020-7). New York: Addison-Wesley.
- Apple, D.K., Beyerlein, S.B., & Ford, M. (1994). “*Faculty Development for Process Education*.” Frontiers in Education Conference, San Jose, CA.
- Apple, D.K., Beyerlein, S.B., & Ford, M. (1993). “*Using a Learning Process Model to Enhance Learning with Technology*.” Frontiers in Education Conference, Washington, D.C.
- Apple, D.K., Beyerlein, S., & Schlesinger, M. (1992). *Learning Through Problem Solving*. Lisle, IL: Pacific Crest.

Synergistic Activities

Since 1991, Dr. Apple has facilitated more than 250 faculty development institutes (ranging from two to five days in length), including Learning to Learn Camps. These events, aimed at improving the quality of educational outcomes in higher education; through Process Education, have focused on:

- supporting facilitation of student learning through innovative strategies for faculty
- designing curricular materials to support process-oriented approaches
- using a quality process to assess outcomes at the course and program levels
- effectively integrating technology into the design of a curriculum and a course

Dr. Apple has served as paid consultant for several grants. These include the following NSF Grants:

Integrated Design Engineering Assessment and Learning System (IDEALS), Transferable Integrated Design Engineering Education (TIDEE) Consortium, 2007-2009

Transferable Assessments for Capstone Engineering Design, Transferable Integrated Design Engineering Education (TIDEE) Consortium, 2004-2007

Enriched Learning Environments, University of Idaho, 2003-2006

POGIL Dissemination—Process Oriented Guided Inquiry Learning, 2003-2004

LUCID—A New Model for Computer-Assisted Instruction in Chemistry, SUNY Stony Brook, 1999-2001

SUNY Oswego Institution-Wide Reform of Science, Mathematics & Technology Instruction, SUNY Oswego, 1998-2001

Revitalizing Scientific Inquiry in the Undergraduate Chemistry Curriculum, Hobart & William Smith Colleges, 1994

Dr. Apple is responsible for the initial creation and organization of the Academy of Process Educators (www.processeducation.org), which is now an independent non-profit community of educators seeking change in education through the generation, dissemination, and archiving of research based on the principles of Process Education.

Collaborators

Marie Baehr, Coe College

Steven Beyerlein, University of Idaho

William Collins, Stony Brook University

Denny Davis, Washington State University

Joyce Fremeau, Baker College

Dave Hanson, Stony Brook University

Carol Holmes, Madison Area Technical College

Betty Lawrence, Empire State College

Cy Leise, Bellevue University

James Morgan, Texas A&M University

Kelli Parmley, Virginia Commonwealth University

Mark Schlesinger, University of Massachusetts

Peter Smith, St. Mary's College

Mohamed El-Sayed, Kettering University

Tris Utschig, Georgia Tech University

Don Astrab, Brevard Community College

Wade Ellis, West Valley Community College

Vicky Minderhout, Seattle University

Kathy Burke, SUNY Cortland

Carol Nancarrow, Sinclair Community College

Wendy Duncan-Hewitt, St. Louis College of Pharmacy

Steve Spangehl, Academic Quality Improvement Program (AQIP)

Biosketch

Dr. Daniel Apple is the founder and president of Pacific Crest, an educational consulting and publishing firm established in 1985. He is one of the foremost experts on Process Education™, an educational philosophy focusing on helping learners develop broad, transferable learning skills that empower them to continually improve their ability to learn and grow. Process Education consistently seeks answers to the question, ***How do students learn most effectively and enduringly?*** and then works to translate the answer into teaching practice, course curricula, and, ultimately, institutional policy.

Dr. Apple's background is interdisciplinary with degrees in Mathematics, Information Science, Operations Research, and Public Policy and Analysis. In addition to his abiding interest in improving STEM educational approaches through the use of Process Education, one of Dr. Apple's passions is working with developmental and foundational higher education programs. The overriding goal in all his work is to increase both student and faculty success. In his pursuit of improved teaching and learning outcomes, Dr. Apple has served as paid consultant for several grants. These include NSF Grants for Engineering Assessment and Learning Systems, Enriched Learning Environments, Process Oriented Guided Inquiry Learning, and Institution-wide Reform of STEM Instruction.

As a hands-on leader, he has facilitated more than 1,000 faculty development events with more than 25,000 faculty. These events, aimed at improving the quality of educational outcomes in higher education through Process Education, have focused on supporting facilitation of student learning through innovative strategies for faculty; designing curricular materials to support process-oriented approaches; using a quality process to assess outcomes at the course and program level; and effectively integrating technology into course and activity design.

He is responsible for the initial creation and organization of the Academy of Process Educators (www.processeducation.org), which is now an independent non-profit community of educators seeking change in education through the generation, dissemination, and archiving of research based on the principles of Process Education.

Dr. Apple continues to enjoy working with both faculty and administrators interested in improving educational outcomes, as well as with students at Pacific Crest's increasingly popular Learning-to-Learn Camps.