

Harry M. St. John III
Inverness Research, Inc.

Education

- 1970 Princeton University, B.S., Aeronautical Engineering
1974 University of New Mexico, M.S., Physics
1978 University of California, Ph.D., Science and Mathematics Education

Employment History

- 1981- Founder and President of Inverness Research Associates
1984-86 Adjunct Faculty and Consultant, World College, West Petaluma, Ca
1978-82 Lecturer and Associate Researcher, The Group in Science and Mathematics Education, U.C. Berkeley
1978-80 Lecturer in Physics Department, U.C. Berkeley
1982 Instructor in Physics, College of San Mateo
1970-72 Instructor in Physics, Phillips Academy, Andover

Publications

What Teachers Think About Intensified Algebra I-A Study of Teacher Experience

http://www.inverness-research.org/abstracts/ab2012-12_Rpt_IntensifiedAlgebra_Brochure.html

December 2012

Sayler, B. J., J. Apaza, S. Roth, V. Kapust, B. Carroll, P. Tambe, and M. St. John "A partnership's effort to improve the teaching of K-12 mathematics in Rapid City, South Dakota," *The Mathematics Enthusiast*, Vol. 10, No. 3, pp. 679-734, 2013

The NISE Network Evaluation

http://www.inverness-research.org/abstracts/ab2009-05_Rpt_NISEnet-Evaluation.html, May 2009

Investing in the Improvement of Education: Lessons to be Learned from the National Writing Project

http://www.inverness-research.org/abstracts/ab2008-12_Rpt_NWP_ImprovementInfrastructure.html,

December 2008

The Appalachian Math Science Partnership: A Multi-State Umbrella Partnership Promoting Local

Mathematics And Science Reform http://www.inverness-research.org/abstracts/ab2008-01_Rpt_AMSP-umbrella_report.html January 2008

The Appalachian Rural Systemic Initiative (ARSI): An Evaluation Portfolio <http://www.inverness-research.org/arsi/index.html>, April 2007.

Policy Brief: Building the Foundation for Raising Student Achievement: Investing in an Improvement

Infrastructure, http://www.inverness-research.org/abstracts/ab2007-11_Policybrief-gdtf.html November 2007

San Diego Urban Systemic Project (USP): Implications for Funders and Future Project Designers

http://www.inverness-research.org/abstracts/ab2007-04_Rpt_SanDiegoLeasonsLearned.html, April, 2007

Portland USP: Five Years of Building Systemic Support for Math and Science Education Improvement http://www.inverness-research.org/abstracts/ab2008-04_Rpt-portlandusp-2006-10.html October 2006

Congressional Briefing: Investing in the Improvement of Elementary Science Education - http://www.inverness-research.org/abstracts/ab2009-03_CongressionalBriefing-072707.html March 2009

A five-year study of the Gilbert School District Elementary Science Program. http://www.inverness-research.org/abstracts/ab2006-11_Rpt-gilbert_casestudy.html November 2006

BSCS-Landscape: The Landscape of High School Science Curriculum Decision Making http://www.inverness-research.org/abstracts/ab2006-06_Rpt_BSCS-Landscape.html September 2006

BSCS-NACL: The BSCS National Academy for Curriculum Leadership: Contributions and Lessons Learned http://www.inverness-research.org/abstracts/ab2006-06_Rpt_BSCS-NACL.html June 2006

Setting The Foundation For Reform: The Work Of The Rural Systemic Initiative http://www.inverness-research.org/abstracts/ab2001-04_Rpt_RSI_FoundationForReform_Cmplt.html April 2001

"Wait, Wait! Don't Tell Me!" The Anatomy And Politics Of Inquiry http://www.inverness-research.org/abstracts/ab1999-09_Lecture_PoliticsOfInquiry.html September 1999

Synergistic Activities

Maine Physical Science Curriculum Partnership: Research and Infrastructure for Ongoing Educational Improvement (MainePSP) Evaluator for a NSF-funded Mathematics Science Partnership which brings together forty-two rural Maine schools, the University of Maine, three Maine non-profits with expertise in science education, and science and technology leaders at the Maine Department of Education to target the teaching and learning of physical sciences in grades 6-9. (2010 – present)

Architecture of Intensification: Building a Comprehensive Program for Struggling Algebra Students Evaluator for a NSF-funded project to create *Intensified Algebra I* - a comprehensive, extended-period course designed to help students who are behind in mathematics succeed in Algebra I within a single academic year. (2009 – present)

Integrating English Language Development and Science: A Professional Development Approach Evaluator for an Investing in Innovation (I3) development grant funded by the US Department of Education to combine hands-on science with English in a multidisciplinary approach to support English language learners (ELLs) in Sonoma Valley Union School District. (2010 – present)

Rapid City Area Schools, South Dakota: Promoting Reflective Inquiry in Mathematics Education (PRIME). Evaluator for a Targeted Math Science Partnership (MSP) sponsored by NSF to support K-12 mathematics education reform. (2002-2013)

Appalachian Mathematics and Science Partnership (AMSP) Evaluator of a large comprehensive MSP funded by NSF which sought to build capacity in the Appalachian region, provide professional development and curricular reform, and create ongoing partnerships between Institutes of Higher Education and 54 of the regions poorest counties. (2002-2008)