# SAMUEL J. SEVERANCE

249 UCB • BOULDER, CO 80309 • (303) 321-1998 • SEVERANS@COLORADO.EDU

#### **OBJECTIVE**

Develop research and design techniques for organizing sustainable research-practice partnerships in order to effectively implement educational interventions grounded in research on learning and cognition at scale

### **EDUCATION**

2012-present Student in combined PhD for Learning Science and Cognitive Science

University of Colorado Boulder, May 2017 projected graduation date

Advisors: William Penuel, School of Education

Tamara Sumner, Institute of Cognitive Science

2005-2007 M.A.+ Instruction and Curriculum with Secondary Science Licensure

University of Colorado Boulder

2002-2003 B.A. Fine Arts with emphasis in Studio Art

University of Colorado Boulder

2000-2002 B.A. Neuroscience and Behavior

University of California, Santa Cruz

#### HONORS AND AWARDS

Chancellor's Award for Excellence in STEM Education (2014-15)

Miramontes Scholar Fellowship (2012-2016)

Outstanding Master's Plus Graduate Award (2007)

Hach Scientific Foundation Chemistry Teacher Scholarship (2005-2007)

ETS Recognition of Excellence (PRAXIS General Science: Content Knowledge Exam) (2007)

International Invitational Exhibition: National School of Fine Arts, Mexico City (2003)

Undergraduate Research Assistantship Grant (2002-2003)

Highest Honors in Major from UCSC Biology department (2002)

Kresge College Honors (2002)

Campus Merit Scholarship (2000-2002)

## RESEARCH POSITIONS HELD

2012-Present Graduate Research Assistant / Research Manager

School of Education & Institute of Cognitive Science

University of Colorado Boulder

"INDP: Inquiry Hub" NSF Award #1147590

2013-2014 Professional Development Consultant

CREATE for STEM Institute Michigan State University

"NSF-RAPID: Model for Implementing the Next Generation of Science Standards"

NSF Award #1225661

2013 Graduate Research Assistant

School of Education

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University of Colorado Boulder

"Synergies: Understanding and Connecting STEM Learning in the Community"

Funder: Noyce Foundation

2005-2007 Professional Research Assistant / Student Hourly Employee

Institute for Behavioral Genetics University of Colorado Boulder

2002-2003 Research Assistant

Barth Neuroscience Lab

University of Colorado Boulder

Funder: Howard Hughes Medical Institute

### TEACHING POSITIONS HELD

2013 Co-Instructor / Graduate Teaching Assistant

Course: Educational Psychology for Secondary Schools

University of Colorado Boulder

2011-2012 Science Department Coordinator

Prairie Middle School, Aurora, CO

**Cherry Creek Schools** 

2007-2012 Science Teacher

Prairie Middle School, Aurora, CO

**Cherry Creek Schools** 

2007 Chemistry Teacher / Adjunct Faculty

New Vista High School, Boulder, CO Boulder Valley School District

### REFEREED CONFERENCE PROCEEDINGS

Severance, S., Leary, H., & Johnson, R. (2014, June). *Tensions in a Multi-Tiered Research-Practice Partnership.* Paper to be presented at the 11th International Conference of the Learning Sciences, Boulder, Colorado.

### REFEREED CONFERENCE PAPERS

Severance, S., Penuel, W.R., & Leary, H. (2014, April). *Negotiation of Joint Work in a Research-Practice Partnership.* Paper presented at the annual meeting of the American Educational Research Association, Philadelphia, Pennsylvania.

#### **PRESENTATIONS**

Leary, H., Severance, S., Johnson, R., Penuel, W. R., Sumner, T., Devaul, H., Dibie, O., & Danesh, S. (2013, September). *Customizing Curriculum and Digital Resources for STEM Educators*. Poster presented at the 5th Annual Symposium on STEM Education, Boulder, CO.

Severance, S., & Penuel, W. R. (2013, April). The Inquiry Hub as an exemplar of Design-Based

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*Implementation Research.* Presentation to the Educational Psychology and Learning Sciences Program, University of Colorado, Boulder, CO.

# **PROFESSIONAL SERVICE**

2014-Present Student Ambassador for the Educational Psychology & Learning Sciences Program

University of Colorado Boulder

School of Education

2013-Present Institute of Cognitive Science Graduate Student Committee

University of Colorado Boulder

Representative for School of Education

### **MEMBERSHIPS**

American Educational Research Association International Society of the Learning Sciences National Science Teachers Association Phi Delta Kappa