

**P. Shawn Irvin  
Curriculum Vita**

Address: Behavioral Research and Teaching  
175 Lokey Education  
5262 University of Oregon  
Eugene, OR 97403-5262

Email: pirvin@uoregon.edu  
Telephone: (541) 346-3535 (office)  
(541) 346-5689 (FAX)

### EDUCATION

<b>Ph.D.</b>	<b>Educational Methodology, Policy and Leadership</b> University of Oregon, Eugene, OR	<b>June 2015</b>
<b>M.S., Principal License</b>	<b>Educational Leadership</b> Antioch University McGregor, Yellow Springs, OH	<b>May 2007</b>
<b>M.S.</b>	<b>Geology-Geochemistry</b> Miami University, Oxford, OH	<b>Dec 2002</b>
<b>B.A.</b>	<b>Geology</b> Miami University, Oxford, OH	<b>May 1997</b>

### ACADEMIC APPOINTMENTS

<b>Research Associate</b>	University of Oregon <i>Behavioral Research and Teaching</i>	<b>06/2015 – present</b>
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### GRANTS

*Intensifying Cognition, Early Literacy, and Behavior for Exceptional Reading Growth to Improve Preschool and Kindergarten Data-Based Decision-Making and Prevent Reading Disabilities (Project ICEBERG)*

U.S. Department of Education, Office of Special Education Programs (**Award: 2015 – 2020**)  
Title: Research Associate

*Project DATA for RTI: Developing Adept Teams for Advancing RTI*

U.S. Department of Education, Institute of Education Sciences, National Center for Special Education Research (**Award: 2016 – 2020**)  
Title: Research Associate

*Science Assessment: Project Measures of Application and Reasoning in Science (Project MARS)*

National Science Foundation, DRK-12 – 15-592 (**Pending: 2017 – 2021**)  
Title: Principal Investigator

### RESEARCH TRAINING APPOINTMENTS

<b>Graduate Teaching &amp; Research Fellow</b>	University of Oregon <i>Behavioral Research and Teaching</i>	<b>01/2011 – 06/2015</b>
<b>Graduate Research Assistant</b>	Miami University <i>Geology Department</i>	<b>08/1999 – 12/2001</b>

### SCHOLARSHIP

#### A. Peer-Reviewed Articles:

- [6] **Irvin, P. S.**, Tindal, G., & Slater, S. (2016). The Relation of Kindergarten Entry Skills to Emergent Literacy and Mathematics Achievement. Manuscript submitted for publication.
- [5] **Irvin, P. S.**, Saven, J. L. S., Tindal, G. (2016). Growth in elementary mathematics skills: A comparison of standards-based interim measures. Manuscript in preparation.
- [4] Farley, D., Anderson, D., **Irvin, P. S.**, & Tindal, G. (2016). Modeling Reading Growth in Grades 3-5 with an Alternate Assessment. Manuscript submitted for publication.
- [3] Tindal, G., **Irvin, P. S.**, Nese, J. F. T., & Slater, S. (2015). Skills for entering kindergarten. *Educational Assessment*, 20, 297-319. doi: 10.1080/10627197.2015.1093929
- [2] Anderson, D., **Irvin, P. S.**, Alonzo, J., & Tindal, G. (2015). Gauging item alignment through online systems while controlling for rater effects. *Educational Measurement: Issues and Practice*, 34(1), 22-33. doi: 0.1111/emip.12038
- [1] Scalise, K., Timms, M., Moorjani, A., Clark, L., Holtermann, K., & **Irvin, P. S.** (2011). Student learning in science simulations: Design features that promote learning gains. *Journal of Research in Science Teaching*, 48(9), 1050-1078.

#### **B. National Conferences:**

- [11] Anderson, D., **Irvin, P. S.**, Alonzo, J., & Tindal, G. (2015, April). *National middle school mathematics within-year growth norms*. Paper presented at the meeting of American Educational Research Association, Chicago, IL.
- [10] Farley, D., Anderson, D., **Irvin, P. S.**, Saven, J. L. S., & Tindal, G. (2015, April). *Modeling reading growth for alternate assessments based on alternate achievement standards*. Paper presented at the meeting of American Educational Research Association, Chicago, IL.
- [9] Thier, M. **Irvin, P. S.**, Alonzo, J., & Tindal, G. (2015, April). *Examining kindergarten-entry skills in literacy and mathematics across the urban-suburban-town-rural continuum*. Paper presented at the meeting of American Educational Research Association, Chicago, IL.
- [8] Tindal, G., **Irvin, P. S.**, & Nese, J. F. T. (2013, April). Learning to read: A review of research on growth in reading skills. In J. J. Stevens (Chair), *Research and development on assessment and accountability for special education*. Symposium conducted at the meeting of National Council for Measurement in Education, San Francisco, CA.

#### **C. Technical Reports:**

- [29] **Irvin, P. S.** (2016). *Distributed item review: Administrator user guide*. (Technical Report No. 1603). Eugene, OR: Behavioral Research and Teaching, University of Oregon.
- [28] **Irvin, P. S.**, Pilger, M., Sáez, L., & Alonzo, J. (2016). *Innovation Need Survey: Implementing a technology tool to improve early data-based decisions to address and prevent learning disabilities* (Technical Report No. 1602). Eugene, OR: Behavioral Research and Teaching, University of Oregon.
- [27] Saven, J. L., Tindal, G., **Irvin, P. S.**, Farley, D., & Alonzo, J. (2014). *easyCBM Norms 2014 Edition*. (Technical Report No. 1409). Eugene, OR: Behavioral Research and Teaching, University of Oregon.
- [26] Anderson, D., Alonzo, J., Tindal, G., Farley, D., **Irvin, P. S.**, Lai, C. F., Saven, J. L., & Wray, K. A. (2014). *Technical manual: easyCBM* (Technical Report No. 1408). Eugene, OR: Behavioral Research and Teaching, University of Oregon.

#### **D. Research Briefs:**

- [2] **Irvin, P. S.**, Alonzo, J., Nese, J. F. T., & Tindal, G. (2013). *Learning to read: Kindergarten readiness growth in reading skills*. Retrieved from the National Center on Assessment and Accountability (NCAASE) website: <http://ncaase.com/publications/in-briefs>
- [1] Alonzo, J., & **Irvin, P. S.** (2013). *Measuring math growth: Implications for progress monitoring*. Retrieved from the National Center on Assessment and Accountability (NCAASE) website: <http://ncaase.com/publications/in-briefs>

#### **E. Invited Research Presentations:**

- [5] **Irvin, P. S.**, Rowley, B., & Tindal, G. (November, 2015) Oregon Kindergarten Assessment: Implications for research and practice. Presentation at the Oregon Kindergarten Entry Panel, Salem, OR.
- [4] **Irvin, P. S.**, Tindal, G., & Nese, J. F. T. (August, 2014). *Oregon Kindergarten Assessment: A theoretical and empirical view*. Presentation at the Oregon Summer Assessment Institute, Eugene, OR

#### **F. Original Research – Dissertation (Masters thesis not shown):**

- [2] **Irvin, P. S.** (2014). *The relation of kindergarten entry skills to early literacy and mathematics achievement*. Doctoral Dissertation, University of Oregon. 109 p.
- [1] **Irvin, P. S.** (2002). *Tephrostratigraphic and tephrochemical investigation of the Esa Dibo Region, Middle Awash Valley, Ethiopia*. Master's Thesis, Miami University, 151 p.

#### **G. Training Modules**

- [3] **Irvin, P. S.**, Farley, D., & Tindal, G. (2016). *The Distributed Item Review System Introduction*. Eugene, OR: Behavioral Research and Teaching, University of Oregon.
- [2] Farley, D., **Irvin, P. S.**, Jonas, S., & Tindal, G. (2015). *Oregon Extended Item Development: Essentialization, Test Blueprint, Development Process, Item Writer Trainings, Item Development and Specifications, and Item Reviews*. Eugene, OR: Behavioral Research and Teaching, University of Oregon.
- [1] Farley, D., **Irvin, P. S.**, Jonas, S., & Tindal, G. (2015). *Oregon Assessment Frameworks (EAFs) – 2015-2016 User Guide*. Eugene, OR: Behavioral Research and Teaching, University of Oregon.

#### **EDUCATIONAL RESEARCH EXPERIENCE**

- Jan. 2011 – June 2015** Graduate Teaching Fellow and Research Assistant, Behavioral Research and Teaching (BRT), University of Oregon, Eugene, OR
- Sept. 2010 – Apr. 2011** Project Manager of Measurement Team, Berkeley Evaluation and Research (BEAR) Center, University of California, Berkeley, CA
- June 2010 – Sept. 2010** Research Consultant, University of Oregon, Eugene, OR

#### **POST-SECONDARY TEACHING AND EDUCATIONAL LEADERSHIP**

- Jan. 2014 – Mar. 2014** Supervised College Teaching, University of Oregon, Department of Educational Methodology and Leadership, Eugene, OR
- Mar. 2013** Guest Lecturer, University of Oregon, Department of Educational Methodology and Leadership, Eugene, OR
- Jan. 2008 – Dec. 2008** Adjunct Faculty, Department of Education Leadership, Antioch University McGregor, Yellow Springs, OH

**Aug. 1999 – Dec. 2001** Head Teaching and Field Research Assistant, Geology Department,  
Miami University, Oxford, OH

#### **RELATED TEACHING AND EDUCATIONAL LEADERSHIP**

**July 2006 – June 2010** Lead STEM Teacher, Beavercreek City Schools, STARBASE Wright-Patterson AFB, Dayton, OH

**Apr. 2009 – Dec. 2009** STEM Coordinator ACES/ACES<sup>2</sup>, Avetec, LLC., Springfield, OH

**June 2007 – Feb. 2008** Principal Internship, Yellow Spring High School and McKinney Middle School, Yellow Springs, OH

**Aug. 2004 – June 2006** Lead Science Teacher, New Choices Community School, Dayton, OH

#### **PROFESSIONAL AFFILIATIONS**

American Educational Research Association (AERA)

Division D - Measurement and Research Methodology

Division G - Social Context of Education

Division H - Research, Evaluation and Assessment in Schools

National Council on Measurement in Education (NCME)