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## CURRICULUM VITAE

### **Amy M. Olson**

Assistant Professor  
Department of Educational Foundations and Leadership  
Duquesne University School of Education  
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#### **I. Professional Preparation and Experience**

##### **A. Education**

1. Doctorate in Philosophy of Educational Psychology, May 2014, University of Arizona, Tucson, Arizona
2. Master of Arts of Educational Psychology, May 2012, University of Arizona, Tucson, Arizona
3. Bachelor of Science of Psychology, May 2005, University of Arizona, Tucson, Arizona

##### **B. Work History**

1. Academic Faculty Appointments
  - 1) Assistant Professor of Educational Psychology/Classroom Assessment, Department of Educational Foundations and Leadership, School of Education, Duquesne University, July 2014 – present
2. Academic Graduate Appointments
  - 1) Research Coordinator, Algebra Ready Project, University of Arizona, August 2011 – June 2014
  - 2) Graduate Research Associate, University of Arizona Math Project, August 2009 – June 2011
  - 3) Graduate Research Associate, First Job Project, University of Arizona, August 2007 – May 2009
  - 4) Graduate Research Assistant, Child Math Assessment, University of Arizona, August 2005 – May 2007
3. Consulting
  - 1) Measurement Consultant, Infant Social and Communication Behavior Scales (ISCBS) and Communication in Infants Social Screen (CISS), Principal Investigator Dr. Cynthia Cress, University of Nebraska-Lincoln, funded by National Institute of Health STTR, October 2013 – present

- 2) Measurement and Statistics Consultant, Addressing the Need for Explicit Evidence on the role of Culturally Responsive Teaching and Achievement among Latino Youth, Principal Investigator Dr. Francesca López, University of Arizona, July 2014 – June 2015

4. Pertinent Non-Academic Work

- 1) Senior Tutor, Strategic Alternative Learning Techniques Center for Learning Disabilities, University of Arizona, August 2000 – August 2005
- 2) Tutor, Strategic Alternative Learning Techniques Center for Learning Disabilities, University of Arizona, January 1999 – August 2000

C. Memberships in Professional Organizations

1. American Educational Studies Association, 2017 – present
2. North American Chapter for the International Group for the Psychology of Mathematics Education, 2015 – present
3. School Science and Mathematics Association, 2015 – present
4. University Council for Education Administration, 2015 – present
5. Center for Research on Classrooms, 2010 – 2014
6. Arizona Educational Research Organization, 2010 – 2012
7. American Educational Research Association, 2008 – present
8. American Psychological Association, 2008 – present
9. Southwestern Consortium for Innovative Psychology in Education, 2007 – 2014

**II. Teaching**

A. Graduate Courses Taught

1. EDDL 721, Educational Improvement and Accountability, Duquesne University
2. PDEL 780 Dissertation Seminar, Duquesne University
3. Ed P 558 Educational Tests and Measurements (University of Arizona)

B. Undergraduate Courses Taught

1. LTFL 207W Educational Psychology II: Learning, Motivation, and Classroom Management for Middle and Secondary Certification, Duquesne University
2. LTFL 208 (cross-listed with GFDE 500) Foundations of Assessment for Middle and Secondary Certification, Duquesne University
3. LTFL 211 Educational Psychology I: Child Development for PK-4 Certification, Duquesne University
4. LTFL 215 Foundations of Assessment for PK-4 Certification, Duquesne University
5. LTFL 325 Assessment II: Formative Assessment for Middle Certification, Duquesne University

6. Ed P 150B1/INDV 102 Current Issues in the Psychology of Gender (University of Arizona)
7. Ed P/FSHD/Psyc 200 Evolution and Human Development (University of Arizona)
8. Ed P 357/358 Psychological Measurement in Education (University of Arizona)

**C. Academic Advisement or Supervision**

1. Dissertation Committees Chaired
  - 1) Judene Indovina, 2017 – present
  - 2) Lurea Doody, *Effects of a Green Chemistry Laboratory Design on First-Semester General Chemistry Students*, 2016-2018
  - 3) Melanie Yeschenko, *Improving Metacognitive Awareness and Authentic Teaching Practices Through Scaffolding Goal Setting and Reflective Practices with ECD Majors at the Community College Level*, 2015 – 2017
2. Dissertation Committees as a Member
  - 1) Ashly Locklin, 2015 – present
  - 2) Amy Dellapenna, 2015 – 2017, *An Investigation of a Peer Coaching Model on the Professional Learning and Teacher Self-Efficacy of Elementary Literacy Teachers*
  - 3) Michelle Talbert-Horsey, *Exploring Perceptions of Diversity and Faculty-Student Engagement Among African American and White American Students in Community College*, 2014 – 2015

**D. Publications in Textbooks and Reference Handbooks**

1. Olson, A., Sabers, D., & Callahan, P. (2015). Assessment of tests and exams. In W. G. Scarlett (Ed.), *The Sage Encyclopedia of Classroom Management*, Sage.
2. Olson, A. M., & McCaslin, M. (2008). Students as social beings. In Thomas L. Good (Ed.), *21st Century Education: A Reference Handbook*, Vol. 2. Thousand Oaks, CA: Sage.
3. Olson, A. M., & Sabers, D. L. (2008). Standardized tests. In Thomas L. Good (Ed.), *21st Century Education: A Reference Handbook*, Vol. 1. Thousand Oaks, CA: Sage.

**E. Presentations Pertaining to Teaching**

1. Olson, A. M. (2016, October). *Those Who Do the Work, Do the Learning: Actively Engaging Students in FlexTech Classrooms*. Presented at the Center for Teaching Excellence.
2. Olson, A.M. (2003, October). *Rethinking the five stage writing process for auditory, visual, and kinesthetic learners*. Presented at the annual conference of the SALT Center, Tucson, Arizona.

3. Olson, A.M. (2003, March). *Writing disabilities and the teaching of writers: Strategies and suggestions*. Poster presented at the University of Arizona Spring Conference, Tucson, Arizona.
4. Olson, A.M. (2002, November). *Demystifying Learning disabilities and attention deficit disorders: Organization Strategies for ADD, ADHD, Dyslexia*. Presented at the Strategies for Students with Verbal, Visual, and Kinesthetic Impairments Postsecondary Level Conference, Tucson, Arizona.
5. Olson, A.M. (2002, March). *Promoting independence in writing*. Presented at the Rhetoric, Composition, and the Teaching of English Conference, Tucson, Arizona.
6. Olson, A.M. (2001, February). *Confidence, writing skills, and students with learning disabilities*. Presented at the Southern Arizona Writing Conference, Tucson, Arizona.

#### F. Online Teacher Professional Development Resources

1. Algebra Ready Learning Blocks: <http://algebraready.coe.arizona.edu>

### III. Scholarship

#### A. Scholarly Publications

##### 1. Original Work Published

- 1) Burross, H. L., Olson, A. M., & Pope, E. (2017). Preservice teachers' perceptions of working with learners who struggle. *Teacher Education and Practice* 30(1).
- 2) Wood, M. B., Olson, A. M., Freiberg, E. J., & Vega, R. I. (2013). Fractions as subtraction: An activity-oriented perspective from elementary children. *School Science and Mathematics*, 113(8), 390-399.
- 3) Good, T. L., Wood, M. B., Sabers, D., Olson, A. M., Lavigne, A. L., Sun, H., & Kalinec-Craig, C. (2013). Strengthening grade 3-5 students' foundational knowledge of rational numbers. *Teachers College Record*, 115(7), 1-45.
  - a. Selected as Featured Article in February 2015
- 4) López, F., Olson, A., & Bansal, N. (2011). Creating composite age groups to smooth percentile rank distributions of small samples. *Journal of Psychoeducational Assessment*, 29, 171-183. doi: 10.1177/0734282910374942

##### 2. Review Articles

- 1) Sabers, D., & Olson, A. (2014). Review of the Jordan Left-Right Reversal Test, 3<sup>rd</sup> ed. In J. F. Carlson, K. F. Geisinger, & J. L. Jonson (Eds.) *The nineteenth mental measurements yearbook* (pp. 376-378). Lincoln, NE: The University of Nebraska Press.
- 2) Sabers, D. L., & Olson, A. M. (2010). Review of the Wide Range Achievement Test 4. In R. A. Spies, J. F. Carlson, & K. F.

Geisinger (Eds.), *The Eighteenth Mental Measurements Yearbook* (pp. 719-721). Lincoln, NE: The University of Nebraska Press.

- 3) Sabers, D. L., & Olson, A. M. (2007). Review of the Nelson-Denny Reading test, CD-ROM Version 1.2.4. In R. A. Spies & B. S. Plake (Eds.), *The seventeenth mental measurements yearbook*. (pp. 572-574). Lincoln, NE: The University of Nebraska Press.

### 3. Conference Proceedings

- 1) Stoehr, K., & Olson, A. (2017). The intersection of beliefs and mathematics anxiety in elementary preservice teachers learning to teach mathematics. North American Chapter for the International Group for the Psychology of Mathematics Education, 39.
- 2) Stoehr, K., & Olson, A. (2015). Can I teach mathematics? A study of preservice teachers' self-efficacy and mathematics anxiety. North American Chapter for the International Group for the Psychology of Mathematics Education, 37.

### B. Grants

1. Olson, A., Generett, G., & Foster, L. (2015). *Sustainable bridges of collaboration*, Co-Principal Investigator, University Council of Educational Leadership and Social Justice, Funded: \$5000.

### C. Scholarly Presentations

1. Lavigne, A. & Olson, A. (2018). *Growth beliefs and evaluative practices of principals enacting new teacher evaluation policy*. American Psychological Association Annual Convention, San Francisco, California
2. Olson, A. M., Mendez, J. J., Castrellón, L., & Lavigne, A. L. (2017, November). *(Re) engaging Policy Process: Valuing and Learning from Youth Voices*. University Council for Educational Administration Annual Convention, Denver, Colorado.
3. Fitzgerald, A. M., Mathis, P., McCown, R., Militello, M., Nelson, S., Olson, A., Sakho, J. R., Whitaker, R. W. (2017, November). *Duquesne Collective Action Network*. University Council for Educational Administration Annual Convention, Denver, Colorado.
4. Generett, G. G., & Olson, A. M. (2017, November). *Journey Lines of Courage, Narratives of Success, and Developing Identities as Justice Advocates*. American Educational Studies Association Annual Conference, Pittsburgh, Pennsylvania.
5. Olson, A. M., & Fitzgerald, A. (2017, April). *Carnegie Project on the Education Doctorate: Duquesne Collective Action Network*. American Educational Research Association Annual Meeting, San Antonio, Texas.
6. Foster, J. L., Olson, A. M., & Jang, S. T. (2017, April). *Building sustainable bridges of collaboration through online voices*. American Educational Research Association Annual Meeting, San Antonio, Texas.

7. Generett, G. G., Olson, A. M., & Foster, J. L. (2016, November). *Sustainable bridges of collaboration*. University Council for Educational Administration Annual Convention, Detroit, Michigan.
8. Lavigne, A., Olson, A., & Reina, C. (2016, April). *Teacher evaluation through the eyes of the principal: How the roles of experience and school context shape perceptions*. American Educational Research Association Annual Meeting, Washington, D.C.
9. Mendez, J., & Olson, A. (2016, April). *Acculturative stress among migrant Latina/o college students: A predictor of sense of belonging, academic motivation, and GPA?* American Educational Research Association Annual Meeting, Washington, D.C.
10. Lopez, F., Olson, A., & Labistre, A. (2015, August). *Marsh's model of self-concept: Contemporary and contextual considerations*. American Psychological Association Annual Conference, Toronto, Canada.
11. Olson, A., & Stoehr, K. (2015, April). *From numbers to narratives: Preservice teachers experiences of mathematics anxiety*. American Educational Research Association Annual Meeting, Chicago, Illinois.
12. Burross, H., Olson, A. M., & Freiberg, E. (2014, August). *Preservice teachers' approaches to working with learners who struggle*. American Psychological Association Annual Meeting, Washington, D.C.
13. Olson, A. M., Vriesema, C. C., & Davidson, J. (2014, April). *Student performance on real-world and formal mathematical fraction items*. American Educational Research Association Annual Meeting, Philadelphia, Pennsylvania.
14. Olson, A. M., Vriesema, C. C., & Sobolevs'ka, G. (2014, February). *The Algebra Ready Project: Developing online professional development to address the rational numbers problem*. Association of Mathematics Teacher Educators Annual Meeting, Irvine, California.
15. Olson, A. M., Koestler, C., Vriesema, C. C., Hojnacki, Z., Freiberg, E., Sobolevs'ka, G., & Davidson, J. (2013, November). *The development of Algebra Ready learning blocks: Creation of an online teacher professional development program*. Biannual Conference of the Southwest Consortium for Innovative Psychology in Education, Tucson, Arizona.
16. Sun, H., Olson, A., Lavigne, A. L., Claessens, L., & Hernandez, D. (2012, August). *A comparative study of college students' achievement motivation in three cultures*. American Psychological Association Annual Convention, Orlando, Florida.
17. Olson, A. M., Freiberg, E. J., Wood, M., Orduño, J., & Pierce, L. (2011, November). *What is a fraction? Children's examples and understanding*. Arizona Educational Research Organization, Tucson, Arizona.
18. McCaslin, M., Burggraf, S. A., & Olson, A. M. (2011, June). *The role of social/instructional context in elementary students' reported emotional adaptation*. Biennial Self-Concept Enhancement and Learning Facilitation Conference, Quebec City, Quebec, Canada.

19. Sabers, D., Olson, A., Sun, H., & Tanner, N. (2010, November). *We must measure change: But how?* Arizona Educational Research Organization, Mesa, Arizona.
20. Good, T., Sabers, D., Wood, M., Kalinec, C., Olson, A., Lavigne, A., & Sun, H. (2010, November). *Improving students' understanding of rational numbers in grades 3-5 classrooms.* Arizona Educational Research Organization, Mesa, Arizona.

#### D. Measurement Presentations

1. Cress, C., Parrill, T., Swanson, J., Thayer, A., Forbes, N., & Olson, A. (2017, November). *Screening for communication risk before 12 months with CISS and CSBS at pediatrician well-baby visits.* American Speech-Language-Hearing Association, Los Angeles, California.
2. Cress, C., Parrill, T., Swanson, J., Rhoades, S., Forbes, N., Stokes, A., West, K., Gray, J., Best, R., Conry, S., Morris, C., & Olson, A. (2016, November). *Screening for communication risk before 12 months with the CISS: Pilot outcomes at three years.* American Speech-Language-Hearing Association, Philadelphia, Pennsylvania.
3. Cress, C., Parrill, T., Swanson, J., Stonacek, J., Kubicek, C., Husa, L., Healy, M., Leutzinger, K., Miner, C., Roe, K., Dostal, E., Lindstrom, J., Wynn, H., Rief, B., Glaswer, S., Mergen, H., Thompson, M., & Olson, A. (2015, November). *Prediction of communication risk before 12 months with the ISCBS: Group outcomes at three years.* American Speech-Language-Hearing Association Annual Convention, Denver, Colorado.
4. Cress, C., Dinneen, B., Kampschneider, H., Ediger, E., Stonacek, J., Kennedy, R., Thayer, L., White, E., & Olson, A. (2014, November). *Language in infants, toddlers, and preschoolers.* American Speech-Language-Hearing Association Annual Convention, Orlando, Florida.
5. Cress, C., Dinneen, B., Focht, K., Mosier, K., Watermeier, R., Lantis, A., Uglow, S., Gaines-Nelson, S., Merrill, M., Johnson, K., Kind, E., & Olson, A. (2014, November). *Prediction of communication risk before 12 months with the ISCBS: Group outcomes at 3 years.* American Speech-Language-Hearing Association Annual Convention, Orlando, Florida.
6. Cress, C. J., Olson, A., Sabers, D., & Wetherby, A. (2012, November). *The ISCBS: A new modality-independent dynamic assessment of pre-intentional communication.* American Speech-Language-Hearing Association Annual Convention, Atlanta, Georgia.
7. Cress, C. J., Olson, A., Sabers, D., Wetherby, A. (2012, July). *The ISCBS: A new modality-independent dynamic assessment of pre-intentional communication.* International Society for Augmentative and Alternative Communication, Pittsburgh, Pennsylvania.

#### E. Research Reports

1. López, F., & Olson, A. (2014). *Charter and traditional public school achievement on 4<sup>th</sup> and 8<sup>th</sup> grade 2011 reading and mathematics NAEP.* Analysis included in the Network for Public Education Policy Brief:

*Should Louisiana and the recovery school district receive accolades for being last and nearly last?*

([http://networkforpubliceducation.org/2015/08/policy\\_brief\\_louisiana/](http://networkforpubliceducation.org/2015/08/policy_brief_louisiana/))

2. Good, T. L. and the Algebra Ready Team. (2014). *Algebra Ready: Transitioning to Academic Success*. (Research Report). Report submitted to the Helios Education Foundation.
3. Olson, A., McCaslin, M., Claessens, L., López, F., & Brogt, E. (2011). *Undergraduate student major selection study* (Research Report). Report submitted to the Department of Educational Psychology, University of Arizona.
4. Olson, A., & Sabers, D. (2010). *First Job raises on-time graduation rates for first cohort: An external evaluation of the First Job project* (Research Report). Report submitted to Amphitheater Public Schools, Tucson Unified School District, Youth Education Securities, Inc. (YES), and PERC.
5. Olson, A., & Sabers, D. (2010). *Reliability and validity of Child Math Assessment: Results of the psychometric study* (Research Report). Report submitted to West Ed.

#### F. Other Activities

1. Principal Project Officer, Opportunities to learn: Student achievement and motivation in mathematics, Restricted-data license from the Institute of Education Sciences.

#### G. Honors and Awards

1. 2018 Early Career Award for Excellence in Service, School of Education, Duquesne University.
2. 2017 Early Career Award for Excellence in Teaching, School of Education, Duquesne University
3. 2017 Schouver Fellow of Improvement Inquiry
4. 2017 Initiate to the Honor Society of Phi Kappa Phi, Duquesne Chapter
5. 2014 Outstanding Graduate Student, College of Education, University of Arizona
6. 2008 Erasmus Circle Graduate Scholar, College of Education, University of Arizona

#### H. Papers Under Review

1. Lavigne, A. L., & Olson, A. M. *Teacher evaluation through the eyes of the principal: How individual and school contexts shape perceptions and practice.*
2. Olson, A. M., & Stoehr, K. J. *From numbers to narratives: preservice teachers' experiences of mathematics anxiety.*

### IV. Service

#### A. Duquesne University



**1. University**

- 1) Member, University Advisory Council, 2015 – 2017
- 2) Mentor, Near Peer Mentoring Program, 2017 – present
- 3) Member, Executive Board of the Honor Society of Phi Kappa Phi, Duquesne University of the Holy Spirit, Chapter 187, 2017 - present

**2. School**

- 1) Member, Faculty Council, 2017 – present
- 2) Member, Middle Level Working Group, 2016 – 2017
- 3) Member, Leading Teacher Quality Circle, 2015 – present
- 4) Member, PK-4 Working Group, 2015 – 2017

**3. Department**

- 1) Coordinator of Second Year LTP and Graduate Courses, 2015 - present
- 2) Member, Admissions Committee for Ed.D.in Educational Leadership Program, 2015 – present
- 3) Member, MS.Ed. Redesign for Critical Studies in Education Practice and Policy Working Group
- 4) Member, Assessment Strand Development Committee (resulted in development of ACC approved course GREV 518 Demonstrating Proficiency in Classroom Assessment), 2015 – 2016
- 5) Member, Duquesne Educational Leadership Symposium Planning Committee, 2014 - 2016

**B. Community Service**

1. School Board Member, Southminster Child Care Center, 2015 – present
2. Collections Chair, Washington Elementary, 2015 – present
3. Parent Volunteer, Washington Elementary, 2015 – 2016

**C. Professional**

**1. Membership on Scholarly or Professional Committees**

- 1) Plenum Session Representative, University Council for Educational Administration, 2016 - present
- 2) Member, Local Organizing Committee for 2016 Annual Conference, North American Chapter for the International Group for the Psychology of Mathematics Education, 2015 – 2016

**2. Other Professional Services**

- 1) Editorial Board Member
  - a. *Reading and Writing Quarterly: Overcoming Learning Difficulties*, 2013 – present
- 2) Reviewer, Scholarly Journal Manuscripts
  - a. *American Educational Research Journal*, 2016 – present
  - b. *School Science and Mathematics*, 2016 – present

- c. *Journal of Psychoeducational Assessment*, 2015 – present
  - d. *Journal of Research in Mathematics Education*, 2015 – present
  - e. *Educational Psychology Review*, 2014
  - f. *Journal of Education and Training*, 2013 – 2016
- 3) Reviewer, Conference Papers
- a. American Educational Studies Association, 2017 – present
  - b. University Council for Educational Administration National Conference, 2016 - present
  - c. North American Chapter for the International Group for the Psychology of Mathematics Education, 2015 – present
  - d. American Evaluation Association, 2015