

Andrew M. Markelz

CURRICULUM VITAE

Assistant Professor in Special Education

Ball State University
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EDUCATION	Dates
Ph.D., Special Education The Pennsylvania State University - University Park, PA Cognate: Teacher Preparation and Education Policy Adviser(s): Paul J. Riccomini & Jonte C. Taylor	2018
M.Ed., Special Education Arcadia University - Philadelphia, PA Certified to teach grades K - 12 Special Education in Pennsylvania	2010
B.A., Political Science - 2nd Major: International Relations Virginia Polytechnic Institute and State University - Blacksburg, VA	2003

UNIVERSITY TEACHING EXPERIENCE

Instructor of Record

Ball State University - Muncie, IN

- *Introduction to Special Education* (SPCE 201) Fall 2018
- *Internship for Special Education Director's License* (SPCE 694) Fall 2018
- *Special Education Administration and Organizational Behavior* (SPCE 639) Online course Summer 2018
- *Teaching Parents to Educate Their Exceptional Child* (SPCE 677) Online course Summer 2018

The Pennsylvania State University - University Park, PA

- *Inclusive Special Education Foundations: Legal, Characteristics, Collaboration, Assessment, and Management* (SPLED 400) Blended course (75% online, 25% face-to-face) Fall 2016

Guest Lecturer

The Pennsylvania State University - University Park, PA

- *Orientation to PhD Study in Special Education* (SPLED 540) Fall 2017
- *Problems in Education of the Learning Disabled* (SPLED 530) Fall 2016

- *Inclusive Special Education Foundations: Legal, Characteristics, Collaboration, Assessment, and Management* (SPLED 400) Spring 2015
- *Orientation to Human Variation and Special Education Services* (SPLED 425) 2015 - 2017

Online Course Development

The Pennsylvania State University - University Park, PA

- Assisted in the identification and development of content for *Evidence-Based Student, Classroom, and School-Wide Behavior Supports* (SPLED 801) 2015 - 2016

College Teaching Certificates

- Schreyer Institute for Teaching Excellence, Graduate School Teaching Certificate 2016
- Schreyer Institute for Teaching Excellence, Penn State Course in Online Teaching Certificate 2016

TEACHER PREPARATION EXPERIENCE

Special Education Practicum Supervision

The Pennsylvania State University - University Park, PA 2014 - 2015

- *Experience with Exceptional Children* (SPLED 495E)

Teacher Trainer United States Peace Corps, Republic of Kiribati

Host Country Teacher Trainer 2004 - 2006

- Planned and implemented professional development programs for host country educators focused on effective instruction for English language learners.

Education Volunteer Trainer 2006 - 2007

- Planned and implemented initial trainings and ongoing professional developments for education Peace Corps Volunteers on cultural matters pertaining to host country's education system and best practices on effective instruction for English language learners.

PUBLIC SCHOOL EXPERIENCE

Learning Support Teacher

School District of Philadelphia - Philadelphia, PA

- Teacher, Resource Room Learning Support, Grades K-3 2013 - 2014
- Co-Teacher, Inclusive Learning Support, Grade 6 2012 - 2013
- Teacher, Resource Room Learning Support, Grades 5-8 2011 - 2012
- Teacher, Resource Room Learning Support, Grades K-4 2009 - 2011

- Teacher, Resource Room Learning Support, Grades 5-8 2008 - 2009

Special Education Liaison (SEL)

School District of Philadelphia - Philadelphia, PA 2010 - 2011

- Coordinated with school psychologist, special education teachers, and service providers to identify, diagnose and provide services to students at 100% state compliance.
- Advised teachers and principal on new special education policies. Liaised between School District and principal pertaining to all special education matters.

English as a Second Language (ESL) Teacher

Public Middle School - Busan, South Korea 2007 - 2008

- Co-Teacher, English Language, Grades 6-8

Peace Corps Education Volunteer

Ainen Karawa Primary School - Butaritari, Kiribati 2004 - 2006

- Co-Teacher English Language, Grades 1-6
- Teacher, Adult Conversational Class

RESEARCH EXPERIENCE

Research Assistant 2014 - present

The Pennsylvania State University, Special Education Program

- Assisted with data collection, coding, quantitative and qualitative analysis, and writing for various faculty-led research projects.
- New York State Department of Education grant-funded project to create scaffolding mathematics instruction for struggling students for the Engage NY mathematics curriculum for grades 6-12.

PUBLICATIONS

Peer-Reviewed Journal Articles

Hughes, E., **Markelz, A. M.**, & Cozad, L. (in press). Evaluating various undergraduate perspectives of elementary-level mathematical writing. *International Journal of Science and Mathematics Education*.

Markelz, A. M., Taylor, J. C., Scheeler, M. C., Riccomini, P. J., & McNaughton, D. B. (in press). Prompting with wearable technology to increase teaching behaviors of a special education preservice teacher. *Journal of the American Academy of Special Education Professionals*.

- Markelz, A. M.**, Scheeler, M. C., Taylor, J. C., & Riccomini, P. J. (in press). A review of interventions to increase behavior specific praise. *Journal of Evidence Based Practice for Schools*.
- Riden, B. S., **Markelz, A. M.**, Heid, K. M. (2018). Supporting students with disabilities during group activities: Five tools every inclusive mathematics educator needs. *Journal of the American Academy of Special Education Professionals*, 13(2), 23-30.
- Taylor, J.C., Riden, B. S., **Markelz, A. M.** (in press). The arts, project-based learning, and students with challenging behaviors: The alignment of strengths, usage, and outcomes. *The Kennedy Center: Exemplary Programs and Approaches*.
- Markelz, A. M.**, Riden, B. S., & Rizzo, K. L. (2017). Training students with behavioral problems to recruit teacher praise. *Beyond Behavior*, 27, 37-44.
<https://doi.org/10.1177/1074295617723333>
- Markelz, A. M.**, Riden, B. S., & Scheeler, M. C. (2017). Generalization training in special education teacher preparation: Does it exist? *Teacher Education and Special Education*, 40, 179-193. doi: 10.1177/0888406417703752
- Markelz, A. M.**, & Taylor, J. C. (2016). Effects of teacher praise on attending behaviors and academic achievement of students with emotional and behavioral disabilities. *Journal of Special Education Apprenticeship* 5(1). Retrieved from <http://josea.info/index.php?page=vol5no1>
- Scheeler, M. C., Budin S. G, & **Markelz, A. M.** (2016). The role of teacher preparation in promoting evidence-based practice in schools. *Learning Disabilities: A Contemporary Journal*, 14, 171-187.
- Morano, S., Hwang, J., Kohler, K. M., **Markelz, A. M.**, Rizzo, K., & Riccomini, P. J. (2016). Five ways to scaffold mathematics instruction for secondary students with learning disabilities. *LD Forum*, 2-4.

Book Chapters

- Scheeler, M. C., Lee, D. L. & **Markelz, A. M.**, (in press). Teaching students to maintain and generalize new learning. In B. Billingsley, J. McLeskey, & L. Maheady (Eds.), *High Leverage Practices for Inclusive Classrooms*. New York, NY: Routledge.

Other Publications

- Markelz, A. M.** (2016, December 8). With-it teachers use ESP. *ASCD Express*, 12(7). Retrieved from http://www.ascd.org/ascd-express/vol12/1207-markelz.aspx?utm_source=ascdexpress&utm_medium=email&utm_campaign=Express-12-07

Markelz, A. M. (2016, June 22). Review of *Transforming teacher education: Reconfiguring the academic work*, by V. Ellis & J. McNicholl. *Education Review*, 23. Retrieved from <http://dx.doi.org/10.14507/er.v23.2061>

In Submission

Riden, B. S., **Markelz, A. M.**, Randolph, K. (2018). *Creating positive classroom environments with electronic behavior management programs*. Submitted for publication.

Markelz, A. M., Taylor, J. C., Scheeler, M. C., & Riccomini, P. J. (2018). *Tactile prompting in teacher education: A literature review*. Submitted for Publication.

Kubina, R., Kostewicz, D. E., Brennan, K. M., Rizzo, K. L., Wertalik, J. L., **Markelz, A. M.** (2018). *Special education, evidence-based practice, and line graph construction*. Submitted for publication.

In Preparation

Markelz, A. M., & Taylor, J. C. (2018). *Crossing cultures: The P³ communication strategy*. Manuscript in preparation.

Markelz, A. M. (2018). *Increasing early childhood educators' behavior specific praise with wearable technology*. Manuscript in preparation.

Scheeler, M.C., **Markelz, A. M.**, Taylor, J. C., & Wolfe, P. (2018). *Prevalence of workplace bullying in special education*. Manuscript in preparation.

Markelz, A. M., Taylor, J. C., Scheeler, M. C., Riccomini, P. J., & McNaughton, D. B. (2018). *Effects of electronic tactile awareness prompting with self-monitoring on teachers' use of behavior specific praise*. Manuscript in preparation.

Markelz, A. M., Maheady, L. J., & Scheeler, M. C. (2018). *Systematic identification, implementation, and evaluation of high-leverage practices (HLPs) in teacher preparation*. Manuscript in preparation.

Markelz, A. M. (2018). *A systematic review of tactile prompting in special education: A promising practice?* Manuscript in preparation.

SCHOLARLY ACTIVITIES

National Conference Presentations

Riden, B. S., **Markelz, A. M.**, Rizzo, K. L. (Accepted). *Training students with behavioral problems to recruit teacher praise*. Poster presentation at the annual meeting of the Council for Exceptional Children, Indianapolis, IN.

- Markelz, A. M.**, Riden, B. S., & Scheeler, M. C. (2018, February). *Generalization training in special education teacher preparation: Does it exit?* Presentation presented at the annual meeting of the Council for Exceptional Children, Tampa, FL.
- Hughes, E., **Markelz, A. M.**, Cozad, L. (2018, February). *Identifying and assessing what is valued in students' math writing.* Poster presentation at the annual meeting of the Council for Exceptional Children, Tampa, FL.
- Markelz, A. M.**, Riden, B. S., & Scheeler, M. C. (2017, November). *Generalization training in special education teacher preparation: Does it exit?* Presentation at the annual Teacher Education Division for the Council for Exceptional Children, Savannah, GA.
- Riden, B. S., & **Markelz, A. M.** (2017, November). *Preservice teachers can implement behavior interventions too: Daily behavior report cards.* Presentation at the annual Teacher Education Division for the Council for Exceptional Children, Savannah, GA.
- Budin, S. G., **Markelz, A. M.**, Scheeler, M. C. (2017, November). *Practicing what we preach: Using evidence based practices in our own college teaching.* Presentation at the annual Teacher Education Division for the Council for Exceptional Children, Savannah, GA.
- Scheeler, M. C., Budin, S. G., & **Markelz, A. M.** (2017, April). *The role of teacher preparation in promoting evidence-based practices in schools.* Presentation presented at the annual meeting of the Council for Exceptional Children, Boston, MA.
- Markelz, A. M.** (2016, November). *Prompting with wearable technology to increase teaching behaviors of a preservice special education teacher.* Presentation at the annual Teacher Education Division for the Council for Exceptional Children, Lexington, KY.
- Markelz, A. M.** (2016, November). *Effects of prompting with wearable technology on targeted teaching behaviors of a special education preservice teacher.* Poster presentation at the Kaleidoscope poster competition at the Teacher Education Division for the Council for Exceptional Children, Lexington, KY.
- Markelz, A. M.** (2015, November). *Interventions to increase teachers' use of behavior-specific praise: A systematic review.* Presentation at the annual Teacher Education Division for the Council for Exceptional Children, Tempe, AZ.
- Markelz, A. M.** (2015, November). *Interventions to increase teachers' use of behavior-specific praise: A systematic review.* Poster presentation at the Kaleidoscope poster competition at the Teacher Education Division for the Council for Exceptional Children, Tempe, AZ.

State Conference Presentations

- Markelz, A. M.** (2017, April). *Expediting the novice to expert teaching curve with eTAPS.* Presentation at the annual Behavior Analysis Research Colloquium, University Park, PA.

- Markelz, A. M., & Riden, B. S.** (2016, October). *An analysis of prompting with technology to increase teaching behavior: What's out there and how can I use it?* Presentation at Pennsylvania Association of Colleges and Teacher Educators (PAC-TE), Harrisburg, PA.
- Riden, B. S., & **Markelz, A. M.** (2016, October). *Developing inclusive classroom teachers' use of behavior specific praise.* Poster presentation at Pennsylvania Association of Colleges and Teacher Educators (PAC-TE), Harrisburg, PA.
- Markelz, A. M.** (2016, April). *A single-case literature review on interventions to increase teachers' use of behavior specific praise.* Poster presentation at the College of Education Graduate Student Research Symposium, University Park, PA.
- Markelz, A. M.** (2016, April). *Increasing a special education preservice teacher's ESP.* Presentation at the annual Behavior Analysis Research Colloquium, University Park, PA.
- Markelz, A. M.** (2015, November). *Interventions to increase teachers' use of behavior-specific praise: A systematic review.* Poster presentation at the annual Pennsylvania Council for Exceptional Children, Harrisburg, PA.
- Markelz, A. M.** (2014, April). *Situation awareness: Applications in behavior analysis.* Presentation at the annual Behavior Analysis Research Colloquium, University Park, PA.
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AWARDS & GRANTS

Funded

- Scheeler, M. C., **Markelz, A. M.**, & McKinnon, K. (2018). *Use of Avatars in a Virtual Reality Lab to Prepare Preservice Teachers to Use Evidence Based Practices.* The Pennsylvania State University Schreyer's Honor College Grant Initiative. (\$7,500).
- Markelz, A. M.** (2018). *Innovative Research in Education.* Virginia and Vance Packard Endowment for Student Professional Development. (\$650).
- Markelz, A. M.** (2017). *Apple Watch Technology in Teacher Preparation.* Funded by Training in the Professoriate for Special Education. The Pennsylvania State University. (\$1,000).
- Markelz, A. M.** (2015). *AACTE Day on the Hill.* Funded by the Teacher Education Division of Center for Exceptional Children. (\$700).

In Preparation

- Markelz, A. M.** (submitted). *Effects of electronic tactile awareness prompting with self-monitoring on teachers' use of behavior specific praise.* Teacher Education Division of the Council for Exceptional Children Dissertation Award. (\$500 or \$1000).

Markelz, A. M., Scheeler, M. C., & Riccomini, P. J. (submitted in 2016 and denied; in preparation). *Visual/Tactile Awareness Prompting (vTAP) to Increase Effective Teaching Performance*. U.S. Department of Education Institute of Education Sciences. (\$881,000).

Markelz, A. M., Taylor, J. C. (in preparation). *Electronic Tactile Awareness Prompting with Self-monitoring to Increase Proactive Classroom Management*. The Pennsylvania State University Research Initiation Grant. (\$9,000).

Unfunded

Markelz, A. M. (2017). *Innovative Uses of Technology for Education*. Penn State College of Education. (\$8700).

Markelz, A. M., Scheeler, M. C., & Taylor, J. C. (2015). *Use of Visual/Tactile Awareness Prompting (vTAP) to Increase Effective Teaching Performance*. The Penn State Center for Online Innovation in Learning/Research Initiation Grant. (\$16,000).

PROFESSIONAL ACTIVITIES & SERVICE

TeachLivE Professional Development 2018

- Co-organized and presented on TeachLivE avatar technology for school district supervisors and principals

Conference Proposal Reviewer

- Teacher Education Division (TED) conference; Las Vegas 2018

Discovery Summit 2018

- Co-organized and led demonstrations of TeachLivE for potential university donors

Member of Teacher Education Division (TED) Executive Board 2016 - Present

Co-Chair Kaleidoscope: Teacher Education Division (TED) 2016 - 2018

- Planning and organizing Kaleidoscope programs at TED and CEC annual conferences and mentoring Kaleidoscope committee

Professional Development 2017

- Organized and assisted in leading a professional development for doctoral students and faculty on TeachLivE. What is it? How to use it in your course? and How to use it for research?

The Pennsylvania Special Olympics 2017

- Planning and organizing committee member for the “Finish at the Fifty” 5K fundraiser

Service & Community 2017

- In-kind volunteer to synthesize literature and presented finding on

afterschool mentoring best practices for the Camden,
NJ based nonprofit, UrbanPromise

Reviewer for CEC High-Leverage Practice Book Chapter 2017

Student Rep. for Higher Education Consortium for Special Education (HECSE) 2017

Guest Reviewer

- Remedial and Special Education 2017
- Teacher Education and Special Education 2016 - 2018
- Exceptional Children 2015

AACTE Day on the Hill 2015

- Advocacy workshop and lobbied congress on pertinent teacher preparation issues.

PROFESSIONAL ASSOCIATIONS

Member of Council for Exceptional Children (CEC)

- Teacher Education Division (TED)
 - Division of International Special Education and Services (DISES)
 - Division for Culturally and Linguistically Diverse Learners (DDEL)
-