

Andrew M. Markelz
CURRICULUM VITAE

Ball State University

Department of Special Education
749 Teachers College
Muncie IN, 47306
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EDUCATION

Dates

Ph.D., Special Education

2018

The Pennsylvania State University - University Park, PA
Cognate: Teacher Preparation and Education Policy
Adviser(s): Paul J. Riccomini & Jonte C. Taylor

M.Ed., Special Education

2010

Arcadia University - Philadelphia, PA
Certified to teach grades K - 12 Special Education in Pennsylvania

B.A., Political Science - 2nd Major: International Relations

2003

Virginia Polytechnic Institute and State University - Blacksburg, VA

UNIVERSITY TEACHING EXPERIENCE

Assistant Professor

Ball State University - Muncie, IN

- *Introduction to the Law and Higher Education* Summer 2020
Issues for Students with Autism (SPCE 622) Online
- *Organization and Administration of Special Education* Summer 2020
(SPCE 637) Online
- *Special Education Administration and Organizational Behavior* Summer 2020
(SPCE 639) Online
- *Research Methods for Behavior Analysis* (SPCE 630) Online Summer 2020
- *Legal and Procedural Foundations of Special Education* Spring 2020
(SPCE 202) Face-to-Face
- *Special Education Administration and Law* (SPCE 637) Online Spring 2020
- *Legal and Procedural Foundations of Special Education* Fall 2019
(SPCE 202) Face-to-Face
- *Introduction to Special Education* (SPCE 201) Face-to-Face Fall 2019
- *Special Education Directors License Practicum* (SPCE 694) Online Fall 2019
- *Introduction to the Law and Higher Education* Summer 2019
Issues for Students with Autism (SPCE 622) Online
- *Organization and Administration of Special Education* Summer 2019

- (SPCE 637) Online course
- *Special Education Administration and Organizational Behavior* Summer 2019
(SPCE 639) Online course
- *Teaching Parents to Educate Their Exceptional Child* Summer 2019
(SPCE 677) Online course
- *Organization and Administration of Special Education* (SPCE 637) Online Spring 2019
- *Exceptional Children and Adults* (SPCE 200) Online Spring 2019
- *Introduction to Special Education* (SPCE 201) Face-to-Face Fall 2018
- *Special Education Directors License Practicum* (SPCE 694) Online Fall 2018

Online Course Development

Ball State University - Muncie, IN

- Developed *Introduction to the Law and Higher Education Issues for Students with Autism* (SPCE 622) Summer 2019

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

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

- Coordinated with school psychologist, special education teachers, and service providers to identify, diagnose and provide services to students at 100% state compliance. 2010 - 2011
- 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

PUBLICATIONS

Peer-Reviewed Journal Articles

Morano, S., **Markelz, A. M.**, Randolph, K., & Church, N. (accepted). Motivation matters: Three strategies to support motivation and engagement in mathematics for students with disabilities. *Intervention in School and Clinic*.

Zoder-Martell, K., **Markelz, A. M.**, Floress, M. T., Skirba, H. A., & Sayyah, L. E. N. (2020). Technology to facilitate telehealth in applied behavior analysis. *Behavior Analysis in Practice*. <https://doi.org/10.31234/osf.io/nz5s7>

Markelz, A. M., Riden, B. S., & Hooks, S. D. (2020). Component analysis of training and goal setting, self-monitoring, and tactile prompting on early childhood educators' behavior specific praise. *Journal of Early Intervention*. <https://doi.org/10.1177/1053815120927091>

Riden, B. S., **Markelz, A. M.**, Taylor, J. C. (in press). Using, evaluating, and intensifying daily behavior report cards for students with behavioral challenges. *Intervention in School and Clinic*.

Chitiyo, A., King, S., Krizon, M., Ablakwa, C. N., & **Markelz, A. M.** (2020). A methodological review of research syntheses involving reading interventions for students with EBD. *Behavioral Disorders*. <https://doi.org/10.1177/0198742920919095>

Morano, S., Randolph, K., & **Markelz, A. M.**, Church, N. (2020). Combining strategy instruction, relationship activities, and timed, mastery practice to build arithmetic fact fluency. *TEACHING Exceptional Children*. <https://doi.org/10.1177/0040059920906455>

Markelz, A. M., Riden, B. S., Zoder-Martell, K., Miller, J. E., & Bolinger S. J. (2020). Reliability assessment of an observation tool to measure praise characteristics. *Journal of Positive Behavior Interventions*. <https://doi.org/10.1177/1098300720907988>

Bolinger, S. J., Mucherah, W., & **Markelz, A. M.** (2020). Teacher knowledge of ADHD and classroom management. *Journal of Special Education Apprenticeship*, 9(1), 1-12.

[http://www.josea.info/web/public/doc/archives/2020/Vol%209,%20No%201%20\(Jan,%202020\)/vol9no1-4-FT.pdf](http://www.josea.info/web/public/doc/archives/2020/Vol%209,%20No%201%20(Jan,%202020)/vol9no1-4-FT.pdf)

- Markelz, A. M.,** Scheeler, M. C., Riccomini, P. J. & Taylor, J. C. (2019). A systematic review of tactile prompting in teacher education. *Teacher Education and Special Education*. <https://doi.org/10.1177%2F0888406419877500>
- Hooks, S., deBettencourt, L., & **Markelz, A. M.** (2019). Effects of training pre-kindergarten teachers to use self-monitoring strategies to increase opportunities to respond. *Perspectives on Early Childhood Psychology and Education*, 4(2), 67-93.
- Markelz, A. M.,** & Riden, B. S. (2019). Using Apple watch to increase praise and promote a positive learning environment. *Journal of Special Education Apprenticeship*. 8(2), 1-11. <https://scholarworks.lib.csusb.edu/josea/vol8/iss2/6>
- Markelz, A. M.,** Taylor, J. C., Kitchen, T., Riccomini, P. J., Scheeler, M. C., & McNaughton, D. B. (2019). Effects of tactile prompting and self-monitoring on teachers' use of behavior specific praise. *Exceptional Children*. 85(4), 471-489. <https://doi.org/10.1177%2F0014402919846500>
- Riden, B. S., **Markelz, A. M.,** & Randolph, K. M. (2019). Creating positive classroom environments with electronic behavior management programs. *Journal of Special Education Technology*, 34, 133-141. <https://doi.org/10.1177/0162643418801815>
- Markelz, A. M.,** Scheeler, M. C., Taylor, J. C., & Riccomini, P. J. (2018). A review of interventions to increase behavior specific praise. *Journal of Evidence Based Practice for Schools*, 17(1), 67-87.
- Hughes, E., **Markelz, A. M.,** & Cozad, L. (2018). Evaluating various undergraduate perspectives of elementary-level mathematical writing. *International Journal of Science and Mathematics Education*. 1-18. doi:10.1007/s10763-018-9903-1
- Markelz, A. M.,** Taylor, J. C., Scheeler, M. C., Riccomini, P. J., & McNaughton, D. B. (2018). Prompting with wearable technology to increase teaching behaviors of a special education preservice teacher. *Journal of the American Academy of Special Education Professionals*, 10(4), 74-91.
- 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.** (2018). The arts, project-based learning, and students with challenging behaviors: The alignment of strengths, usage, and outcomes. *The Kennedy Center: Exemplary Programs and Approaches*, 4, 55-67.

- 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

- Nagro, S., **Markelz, A. M.,** & Davis, R. (in press). Students with exceptionalities are general education students first: Every student succeeds act (ESSA) as it applies to special education. In W. Murkowski & J. Rodriguez (Eds.). *Special education law and policy: From foundation to application*. Publisher.
- Scheeler, M. C., Lee, D. L. & **Markelz, A. M.,** (2018). Teaching students to maintain and generalize new learning. In J. McLeskey, L. Maheady, B. Billingsley, M. Brownell, & T. Lewis, (Eds.). *High leverage practices for inclusive classrooms*. Routledge.

Other Publications

- Markelz, A. M.** (Ed.). (2019). *TED 2019 Conference Proceedings: Unmask Your Potential*. Teacher Education Division of the Council for Exceptional Children, New Orleans, LA. Retrieved from <https://tedcec.org/wp-content/uploads/2020/01/TED-2019-Conference-Proceedings.pdf>
- Riden, B. S., **Markelz, A. M.,** & Randolph, K. (2019). Using technology to foster positive classroom environments. In A. Markelz, (Ed.), *TED 2019 Conference Proceedings: Unmask Your Potential* (pp 57-61). Teacher Education Division of the Council for Exceptional Children, New Orleans, LA.
- Markelz, A. M.,** Riden, B. S. & Chitiyo, A. (2019). Reliability assessment of an observation tool to measure the quality of praise. In A. Markelz, (Ed.), *TED 2019 Conference Proceedings: Unmask Your Potential* (pp 72-75). Teacher Education Division of the Council for Exceptional Children, New Orleans, LA.

Taylor, J. C., Deshpande, D., **Markelz, A. M.**, McKinnon, K., & Scheeler, M. C. (2019). Virtual reality classroom practice: Examining outcomes and opinions across preservice teachers' experiences. In A. Markelz, (Ed.), *TED 2019 Conference Proceedings: Unmask Your Potential* (pp 19-22). Teacher Education Division of the Council for Exceptional Children, New Orleans, LA.

Markelz, A. M. (2016). 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). 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>

SCHOLARLY ACTIVITIES

National Conference Presentations

Markelz, A. M., Riden, B. S., & Zoder-Martell, K. (2020, February). *Reliability assessment of an observation tool to measure the quality of praise*. Poster presentation at the annual Council for Exceptional Children, Portland, OR.

Riden, B. S., **Markelz, A. M.**, Randolph, K. (2020, February). *Using technology to foster positive classroom environments*. Presentation at the annual Council for Exceptional Children, Portland, OR.

Markelz, A. M., Riden, B. S., & Chitiyo, A. (2019, November). *Reliability assessment of an observation tool to measure the quality of praise*. Presentation at the annual Teacher Education Division for the Council for Exceptional Children, New Orleans, LA.

Taylor, J. T., Scheeler, M. C., McKinnon, K., Deshpande, D., & **Markelz, A. M.** (2019, November). *Virtual reality classroom practice: Examining outcomes and opinions of across preservice teachers' experiences*. Presentation at the annual Teacher Education Division for the Council for Exceptional Children, New Orleans, LA.

Riden, B. S., **Markelz, A. M.**, Randolph, K. (2019, November). *Using technology to foster positive classroom environments*. Presentation at the annual Teacher Education Division for the Council for Exceptional Children, New Orleans, LA.

Chitiyo, A., **Markelz, A. M.** (2019, November). *A meta-analysis of reading interventions for students with emotional/behavioral disorders: The role of between case effect sizes*. Poster at the annual Teacher Education Division for the Council for Exceptional Children, New Orleans, LA.

- Riden, B. S., **Markelz, A. M.**, Rizzo, K. L. (2019, January). *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.** (2018, November). *Using apple watch to increase teachers' use of behavior specific praise*. Presentation at the annual Teacher Education Division for the Council for Exceptional Children, Las Vegas, NV.
- Markelz, A. M.**, Riden, B. S., & Scheeler, M. C. (2018, February). *Generalization training in special education teacher preparation: Does it exist?* 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 exist?* 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.

AWARDS & GRANTS

Awards

Riden, B. S., Markelz, A. M., & Randolph, K. M. (2019). *Creating positive classroom environments with electronic behavior management programs*. Innovations in Special Education Technology (ISET) Division of the Council for Exceptional Children (CEC) 2019 Technology in Action Article of the Year.

Markelz, A. M. (2019). *Effects of tactile prompting and self-monitoring on teachers' use of behavior specific praise*. Teacher Education Division (TED) of the Council for Exceptional Children (CEC) Dissertation Award.

Funded Grants

- Markelz, A.M.** (2018). *Developing and Validating an Observation Tool to Assess the Quality of Behavior Specific Praise*. Ball State University's Aspire Internal Grant Program. (\$2,957). Lead Principal Investigator.
- 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).

PROFESSIONAL ACTIVITIES & SERVICE

National Service

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| Journal of Special Education Preparation (JOSEP) Founder and Editor | 2020 |
| CEC Professional Development Workshop: <i>The role of special educators in a post COVID-19 environment</i> | August 2020 |
| Attended CEC Special Education Legislative Summit (Virtual) | 2020 |
| CEC conference proposal reviewer | 2020 |
| Editor of Teacher Education Division of CEC Conference Proceedings | 2019 |
| Ad Hoc Policy Brief Committee Member | 2019 |
| Publications & Communication Committee Chair | 2019 - Present |
| ○ Teacher Education Division of Council for Exceptional Children | |
| Member of Teacher Education Division of CEC Executive Board | 2016 - Present |
| Journal Reviewer | |
| ○ Journal of Special Education and Technology | 2018 - Present |
| ○ Teacher Education and Special Education | 2018 - Present |
| ○ Journal of Special Education Apprenticeship (Special Issue) | 2019 |
| Co-Chair Kaleidoscope: Teacher Education Division (TED) | 2016 - 2018 |
| ○ Planning and organizing Kaleidoscope programs at TED and CEC annual conferences and mentoring Kaleidoscope committee | |

- Conference Proposal Reviewer
- Teacher Education Division (TED) conference: New Orleans – 8 reviews 2019
 - Teacher Education Division (TED) conference; Las Vegas 2018
- Student Rep. for Higher Education Consortium for Special Education (HECSE) 2017
- Reviewer for CEC High-Leverage Practice Book Chapter 2017

University Service

- Member of Professional Education Committee 2018 - Present
- Discovery Summit 2018
- Co-organized and led demonstrations of TeachLivE for potential university donors
- TeachLivE Professional Development 2018
- Co-organized and presented on TeachLivE avatar technology for school district supervisors and principals

Department Service

- Member of Doctoral Committee 2018 - Present
- Member of Special Education Professional Education Committee 2018 - Present
- Member of Curriculum Committee 2018 - Present
- Member of Ad Hoc SPCE 201/202 Committee Spring 2019
- Member of Merit & Salary Committee 2018 - Present
- Spring Preview Day Spring 2019
- Education LLC Liaison Fall 2019 - Present
- Doctoral Students
- Richelle Davis 2020 - Present
 - Angie Vickery 2020 - Present
 - Anhya Evinger 2019 - Present
 - Brooke Lemmon 2020 - Present

Community Service

- East Director’s Roundtable 2018 - Present

PROFESSIONAL ASSOCIATIONS

Member of Council for Exceptional Children (CEC)

- Teacher Education Division (TED)
 - Council of Administrators of Special Education (CASE)
-