CURRICULUM VITAE

Matthew S. Taylor

Salve Regina University
Newport, Rhode Island

Phone: (401) 341-3149

Vita-At-A-Glance

- **Assistant Professor**, Special Education, Salve Regina University, Newport, RI (2022-present).
- **Post Doctoral Scholar**, **Mathematics and STEM Education** (2017-2019). University of Central Florida, Orlando FL.
- **SISTEM Noyce Track 3 Grant** (2024-2030). National Science Foundation.
- **CADRE Fellowship** (2018-2019). National Science Foundation, DRK-12.
- **Ph.D. Exceptional Education** (2017). University of Central Florida, Orlando, FL.
- **25 peer-reviewed** manuscripts published or under review since 2015.

ACADEMIC BACKGROUND

Post Doctorate 2017-2019	University of Central Florida, Orlando, FL STEM Education
Ph.D. 2017	University of Central Florida, Orlando, FL Education: Exceptional Student Education Track
M.Ed. 2010	Salem State University, Salem, MA Education: Reading Specialist K-12
B.S. 2006	Gordon College, Wenham, MA Early Childhood Education PreK-2nd Grade (Students with and without disabilities) Psychology

PROFESSIONAL EXPERIENCE

2022-present **Assistant Professor, Special Education (Early Childhood and Elementary)**
Salve Regina University, Newport, RI.

2022-present **Summer Adjunct Professor, Special Education**
Sacred Heart University, Fairfield, CT.

2022-present **Summer Adjunct Professor, Special Education**
The College of New Jersey, Ewing, NJ.

2019-2022 **Assistant Professor, Special Education (Assistive and Education Technology)**
The College of New Jersey, Ewing, NJ.

2017-2019 **Post Doctoral Scholar, STEM Education, NASA, Nemours Children Hospital**
Drs. Sarah Bush & Megan Nickels, College of Community Innovation and Education
UCF/Nemours PedsAcademy, Orlando, FL.

2016-2017 **Graduate Research Associate, STEM Education**
Dr. Megan Nickels, College of Education and Human Performance
University of Central Florida, Orlando, FL.

2016-2016 **Summer Policy Internship**
Drs. Renee Bradley & Larry Wexler
Office of Special Education Programs and Rehabilitation Services, Washington, D.C.

2014-2017 **Graduate Research Associate, Project LEAD**
Dr. Lisa Dieker, College of Education and Human Performance
University of Central Florida, Orlando, FL.

2014-2019 **Co-Administrator, iCanLearn Program**
Down Syndrome Foundation of Florida, Orlando, FL.

2014-2017 **Graduate Research Associate, TLE TeachLivE™**
University of Central Florida, Orlando, FL.

2006-2014 **Teacher, John H. Duval Elementary School**
Whitman-Hanson Regional School District, Whitman, MA.

General Education Classroom Teacher, Kindergarten Full Day (Inclusion)
2011-2014

Special Education Teacher, Cognitively Delayed Classroom (Kindergarten-second grade)
2006-2011

Professional Certifications

2005-present Massachusetts Department of Education
Professional License Early Childhood Education PreK-2nd Grade (Students with and without disabilities)

2015-present Advanced Distributed Learning for Technology-Mediated Course Delivery (ADL5000)
ADL5000 addresses the important pedagogical, logistical, and technological issues involved in designing and delivering effective online courses.

SELECTED HONORS AND AWARDS

2024	Noyce Track 3 National Science Foundation Grant
2018	Community for Advancing Discovery Research in Education (CADRE). National Science Foundation, DRK-12
2018	University of Central Florida Outstanding Dissertation Award, University of Central Florida
2017	STEM Satellites Post-Doctoral Scholar, NASA, University of Central Florida
2016	TED CEC Poster Presentation, Best Quantitative Study
2016	CEC Poster Presentation, Best Quantitative Study
2014	Project LEAD Scholar, University of Central Florida

RESEARCH AND SCHOLARLY ACTIVITY

RESEARCH FOCUS

My research focuses on the integration of children with disabilities (specifically intellectual disabilities) and science, technology, engineering, and mathematics (STEM) curriculum, particularly computer programming and robotics, as well as interdisciplinary education practices with related services personnel. A secondary focus is supporting future and current teachers and their interactions with educational stakeholders (e.g., parents, teachers, related services personnel).

Publications

Peer Reviewed- Published or Accepted

** denotes written with graduate/undergraduate student*

24. Randolph, K. M., Riggleman, S., **Taylor, M. S.**, Oh, J. H., & Lohmann, M. (2024). *Preparing early elementary preservice teachers to positively support students with challenging behavior, Journal of Special Education Practitioners 4*(1), 68-67. *https://doi.org/10.33043/4baad965*

23. **Taylor, M. S.,** & Glavey, E. M. (2023). Harnessing Robotics and Coding to Foster Social-Emotional Learning in Students with Autism. *Journal of Special Education Technology.* https://doi.org/10.1177/01626434231199992.

22. Lohman. M. J., & **Taylor, M.** (2023). Assistive technology in the classroom: A case for teacher professional development. In Ferdig, R.E., Hartshorne, R., Baumgartner, E., Kaplan-Rakowski, R. & Mouza, C. (Eds.), *What prek-12 teachers should know about educational technology in 2023: A research-to-practice anthology* (pp. 39-44). AACE2023. https://www.learntechlib.org/p/222690/.

21. Paul, C. D., Walker, J., Thomas, C., **Taylor, M.**, Best, J., Dias, M., Rose, C. A., & Vasquez, E. (2023). Functional analysis in simulated environments. *Journal of Special Education Apprenticeship, 12* (1), 5. Retrieved from https://scholarworks.lib.csusb.edu/josea/vol12/iss1/5

20. Hughes, C. E., Dieker, L., Hines, R. Wilkins, I., Ingraham, K., Bukaty, C. Glavey, E., Ali, K., Shah, S., Murphy, J., & **Taylor, M. S.** (2022). PROJECT RAISE: Robotics & AI to improve STEM and social skills for elementary school students. *Frontiers in Virtual Reality, 155.*

19. Glavey, E. M., Hines, R. A., & **Taylor, M. S.** (2022). Project RAISE: Developing a socially assistive robot to increase the social-emotional skills of elementary students with autism. *DADD Online Journal.*

18. Lohmann, M. J., Kappel, A., & **Taylor, M. S.** (2021). Augmentative and alternative communication & remote learning. *Rural Special Education Quarterly, 41* (1). https://doi.org/10.1177/87568705211052504

17. Lottero-Purdue, P., Figueroa, M., Mikeska, J., & **Taylor, M. S.** (2021). Preservice teachers' noticing about discussions to support students revising their design ideas. *American Society of Engineering Educators Conference Proceedings.*

16. Lottero-Purdue, P., Figueroa, M., Mikeska, J., & **Taylor, M. S.** (2021). Preservice teachers noticing about students' written design performance and improvement ideas. *American Society of Engineering Educators Conference Proceedings.*

15. Towson, J., **Taylor, M. S.**, Abarca, D. L., Paul, C., & Ezekiel-Wilder, F. (2020). Virtual simulation and coaching to improve the interprofessional communication skills of speech-language pathology graduate students. *Perspectives of the ASHA Special Interests Groups, 6* (1), 80-100. https://doi.org/10.1044/2020_PERSP-20-00098

14. **Taylor, M. S.**, Lohmann, M. J., & Kappel, A. (2020). Using assistive technology to support science instruction in the inclusive elementary classroom. *Journal of Special Education Technology*, *37* (1). https://doi.org/10.1177/0162643420947826

12. *Simpson, H., Bush, S., Nickels, M., & **Taylor, M. S.** (2020). The role of high stakes testing on teaching science in the elementary grades. *Dimensions.*

11. *Doyle, H., Bush, S. B., Nickels, M., & **Taylor, M. S.** (2020). Implementing Number Talks: The journey of a 5th grade teacher. *Dimensions in Mathematics*, *40* (1).

10. *Kelley, T., Nickels, M., Bush, S., **Taylor, M. S.**, & Cullen, C. J. (2019). Robotics in mathematics: Three perimeter tasks. *The Elementary STEM Journal, 23*(3). Retrieved from https://www.iteea.org/Publications/Journals/ESCJournal/ESJ-March2019.aspx

9. *Cole, A. L., Nickels, M., **Taylor, M. S.**, & Bush, S. B. (2019). Tigers and bears: An exploration in Scratch. *The Elementary STEM Journal, 24*(2). Retrieved from https://www.iteea.org/Publications/Journals/ESCJournal/ESJDec19.aspx

8. Nickels, M., Bush, S., Karp, K., *Fralish, B., **Taylor, M. S.**, Bush, S., & Karp, J. (2018). Computer programming: Algorithm for mathematics exploration! *The Elementary STEM Journal, 23*(2). Retrieved from https://www.iteea.org/Publications/Journals/ESCJournal/ESJ-December2018.aspx

7. *Abarca, D. L., Towson, J. A., Ehren, B., & **Taylor, M. S.** (2018). Young minds, young readers: Dialogic reading with adolescent mothers and their children. *International Public Health Journal*, *10*(4), 455-467.

6. Delisio, L., Bukaty. C., & **Taylor, M. S**. (2018). Effects of a graphic organizer intervention package on the mathematics word problem solving abilities of students with autism spectrum disorders. *Journal of Special Education Apprenticeship*, *7*(22), 1-22. Retrieved from: https://eric.ed.gov/contentdelivery/servlet/ERICServlet?accno=EJ1185372

5. **Taylor, M. S.** (2018). Computer Programming with Prek-1st grade students with intellectual disabilities. *Journal of Special Education*, *52*(2), 78-88. https://doi.org/10.1177/0022466918761120

4. Towson, J. A., **Taylor, M. S.**, Tucker, J., Donehower, C., Pabian, P., & Zraick, R. I. (2018). Impact of virtual simulation on the interprofessional communication skills of speech-language pathology students: A pilot study. *Teaching and Learning in Communication Sciences & Disorders, 2*(2), 1-24. Retrieved from https://ir.library.illinoisstate.edu/tlcsd/vol2/iss2/2

3. **Taylor, M. S.**, Dieker, L., & Delisio, L. (2018). Exhibiting what is learned: Using exhibition assignments and universal design for learning in college teaching. *Innovative Practice in Higher Education, 3*(2), 32-47. Retrieved from: http://journals.staffs.ac.uk/index.php/ipihe/article/view/130

2. **Taylor, M. S.**, Vasquez, E., & Donehower, C. (2017). Computer programming with early elementary students with Down syndrome. *Journal of Special Education Technology 32*(3), 149–159. https://doi.org/10.1177/0162643417704439

1. **Taylor, M. S.**, Tucker, J., Donehower, C., Pabian, P., Dieker, L. A., Hynes, M. C., & Hughes, C. (2016). Impact of virtual simulation on the interprofessional communication skills of physical therapy students: A pilot study. *Journal of Physical Therapy Education*, *31*(3), 81-90. http://dx.doi.org.ezproxy.net.ucf.edu/10.1097/00001416-201731030-00015

Peer Reviewed- submission in progress

** denotes written with graduate/undergraduate student*

1. *Fahmy, L., & **Taylor, M. S.** (2024). Higher education students with intellectual disabilities learning appropriate verbal sharing skills in class.

Invited Non-Peer Reviewed

3. Nickels, M., Dieker, L., Vasquez, E., & **Taylor, M. S.** (2016). *Tips for teaching computer science to students with special needs*. Retrieved from https://blog.makewonder.com/tips-for-teaching-computer-science-to-students-with-special-needs-b447fe7e3ae5#.tv2fsrm46

2. **Taylor, M. S.**, Stone, S., Dieker, L., & Straub, C. (2014). *Microcredential: Co-planning*. Digital Promise. Retrieved from https://bloomboard.com/microcredential/view/916b2d80-0c4c-459b-ae99-ccf7f81da4c7

1. Stone, S., **Taylor, M. S.**, Straub, C., & Dieker, L. *Microcredential: Using the 4:1 technique to decrease off-task behavior*. (2014). Digital Promise. Retrieved from https://bloomboard.com/microcredential/view/6376e5ae-8c35-4eb4-85cb-8a57b92e4612

Dissertation

Title	Computer Programming with Early Elementary Students with and without Intellectual Disabilities
Abstract	In this study, a group of early elementary students with intellectual disabilities (ID) and a group of students without ID were taught to program a robot to move in a square through explicit instruction and generalize their learning using the iPad application, Blockly.
Award	University of Central Florida Outstanding Dissertation Award
Committee Members	Drs. Lisa A. Dieker (chair), Eleazar Vasquez, Rebecca Hines, Megan Nickels

GRANTS AND OTHER FUNDED PROJECTS

Funded Projects

6. Madden, L., **Taylor, M. S.**, Zrada, M., & Mayen, H. (2024). Sustainable and Inclusive STEM for K-5 Environmental Sustainable Education **(**SISTEM). (*NSF Noyce Teacher Scholarship Program Track 3*), National Science Foundation. $2.8 million funded.

5. Madden, L., **Taylor, M. S.**, & Zrada, M. (2021). Building Capacity for K-8 Sustainable STEM Teacher Leaders in New Jersey, (*NSF Noyce Teacher Scholarship Program Track 3 21-578*), National Science Foundation. $75,000 funded.

4. **Taylor, M. S.** & Anthony, H. (2020). AACTE Video Observation Technology Implementation Grant. American Association of Colleges for Teacher Education and Edthena. $25,000 funded.

3. Wilkins, I., & Hawkins-Scott, K. (2020). (**Taylor, M. S.**- Co-lead of grant writing team, consulting robotics expert). PROJECT RAISE: Robots and Artificial Intelligence to Improve Social Skills for Elementary Students, *(CFDA 84.327S)*, U.S. Department of Education. $2 million funded.

2. Nickels, M. (2017). (**Co-PI Taylor, M. S.**). CREATE and the Urban Robotics Project: Elizabeth Morse Genius Foundation. $100,000 funded.

1. Dieker, L. A., Hynes, M., Straub, C., Stone, S., & **Taylor, M. S.** (2015). Micro-credentialing Project. Charles and Lynn Schusterman Family Foundation. $5,000 funded.

Other Grant Activity

2. **Taylor, M. S.**, & Figueroa, M. (2020). STEM BASE-C (Background And Structures in Early Childhood), (*NSF IUSE 19601)*, National Science Foundation, $300,000. Not funded.

1. Hines, R., & Dieker, L (2018). (**Taylor, M. S.–** Member of Grant Team). Preparing Scholars to Lead Inclusion and Transition, *(CFDA 84.325D),* U.S. Department of Education, $1.25 million funded.

PRESENTATIONS

National

24. Lohmann, M., **Taylor, M. S.**, Mickelson, A., & Spence, C. (2024). Council for Exceptional Children, Teacher Education Division, Pittsburgh, PA.

23. Lohmann, M., & **Taylor, M. S.** (November 2024). *Early Childhood Faculty SIG Meeting.* Council for Exceptional Children, Teacher Education Division, Pittsburgh, PA.

22. Lohmann, M., Murphy, K., Moore, A., & **Taylor, M. S.** (November 2024). *Small Special Education Programs, Big Grants: Practice Advice from Faculty Grantees*. Council for Exceptional Children, Teacher Education Division, Pittsburgh, PA.

21. **Taylor, M. S.** (November 2024). *Reducing Inappropriate Behavior in the Higher Education Classroom*. Council for Exceptional Children, Teacher Education Division, Pittsburgh, PA.

20. **Taylor, M. S.** (October 2023). *Are Teachers Ready?? Preparing Elementary Teacher Leaders to Teach Climate Change Standards*. Council for Exceptional Children, Teacher Education Division, Long Beach, CA.

19. Lohmann, M., & **Taylor, M. S.** (October 2023). *Preparing Teacher Candidates for the Collaboration High Leverage Practices in K-3 Classrooms.* Council for Exceptional Children, Teacher Education Division, Long Beach, CA.

18. Madden, L., Zrada, M., **Taylor, M. S.**, & Corevelyn, H. (March 2023). *Building Sustainable & Inclusive K-5 STEM Teacher Leaders*. National Science Teachers Association, Atlanta, GA.

17. Madden, L., **Taylor, M. S.**, & Zrada, M. (February 2023). *Building Capacity for K-8 Sustainable STEM Teacher Leaders in New Jersey*. The College of New Jersey Professional Development, Ewing, NJ.

16. Dieker, L. A., & **Taylor, M. S.** (November 2022). *Free resources and research in STEM in teacher preparation and student learning.* Council for Exceptional Children, Teacher Education Division, Richmond, VA.

15. **Taylor, M. S.,** & Glavey, M. (November 2021). *Project RAISE: Elementary students with autism learning social emotional learning through robotics and avatars*. Council for Exceptional Children, Teacher Education Division, Fort Worth, TX.

14. **Taylor, M. S.**, Lohmann, M., & Kappel, A. (March 2021). *Using assistive technology in the inclusive elementary classroom.* Council for Exceptional Children, Online Conference.

13. **Taylor, M. S.**, & Nickels, M. (November 2019). *PedsAcademy: Broadening horizons for children with chronic illness*. Council for Exceptional Children, Teacher Educator Division, New Orleans, LA.

12. **Taylor, M. S.** (November 2018). *The STEM of the matter: Access for all*. Council for Exceptional Children, Teacher Education Division, Las Vegas, NV.

11. **Taylor, M. S.**, & Towson, J. (May 2018). *The impact of virtual simulation & coaching on the interprofessional communication skills of speech-language pathology students*. 6th Annual TLE TeachLivE Conference, Orlando, FL.

10. Dieker, L. A., **Taylor, M. S.**, & Rinaldi, C. (2018). *Program chair featured: Getting to the STEM of co-teaching.* Council for Exceptional Children, Invited Session, Tampa, FL.

9. **Taylor, M. S.** (November 2017). *Computer programming with early elementary students with intellectual disabilities*. Council for Exceptional Children, Teacher Education Division, Savannah, GA.

8. Hynes, M., & **Taylor, M. S.** (June 2017). *Sharing iPad screens to rehearse instructional conversations with TeachLivE avatars*. 5th Annual TLE TeachLivE Conference, Orlando, FL.

7. **Taylor, M. S.**, & Holbrook, J. (November 2016*). Interdisciplinary collaboration: iCan Learn Program elementary students with Down syndrome*. Council for Exceptional Children, Teacher Education Division, Lexington, KY.

6. **Taylor, M. S.**, & Hopkins, R. (November 2016). *Pre-service teacher perceptions working with children with Down syndrome*. Kaleidoscope, Council for Exceptional Children, Teacher Education Division, Lexington, KY.

5. Tucker, J., Pabian, P., **Taylor, M. S.**, Donehower, C., & Dieker, L. (October 2016). *Utilizing virtual simulation to develop communication skills of physical therapy students*. Pursuit of Excellence in Physical Therapy Education Conference, Phoenix, AZ.

4. Coy, K., Marino, M., & **Taylor, M. S.** (April 2016). *Applying UDL in digital learning environments*. Council for Exceptional Education, St. Louis, MO.

3. **Taylor, M. S.** (April 2016). *A literature review of technology interventions in STEM content areas for secondary and post-secondary students with disabilities.* Kaleidoscope, Council for Exceptional Education, St. Louis, MO.

2. **Taylor, M. S.**, & Donehower, C. (April 2016). *Using simulation to improve interprofessional communication skills.* Kaleidoscope, Council for Exceptional Education, St. Louis, MO.

1. **Taylor, M. S.**, & Stone, S. (June 2015). *4:1 Microcredential.* 3rd Annual TLE TeachLivE Conference, Orlando, FL.

Regional

4. McCotter, S., Petroff, J., & **Taylor, M. S.** (May 2021). *Supporting new special education teachers: The pandemic and its impact and beyond.* The New Jersey Special Education Annual (NJSEA) Summit. Invited presentation.

3. **Taylor, M. S.** (April 2018). *STEM, robotics, & engineering workshop*. UCF Faculty Advocates for Gifted Education (ADAGE), University of Central Florida, Orlando, FL.

2. **Taylor, M. S.** & Holbrook, J. (June 2017). *Collaboration in education for students with Down syndrome*. University of Central Florida, Orlando, FL.

1. Donehower, C., & **Taylor, M. S.** (February 2016). *Organizing the disorganized child.* Parents United with Leaders, Students, and Educators (PULSE) Conference, Orlando, FL.

Professional Development, Institutes, and Seminars

15. **Taylor, M. S.** (April 2024). *Coding with adults with intellectual disabilities*. Invited presentation. Learning Unlimited. Salve Regina University.

14. **Taylor, M. S.** (May 2021). *An introduction to assistive technology*. Invited presentation. Instructor: Dr. Ruby Owiny. Trinity International University.

13. **Taylor, M. S.** (April 2021). *An introduction to assistive technology*. Invited presentation. Instructor: Dr. Kathleen Boothe. Southeastern Oklahoma State University.

12. **Taylor, M. S.** (June 2020). *Remote learning and technology*. Invited presentation, the College of Staten Island.

11. **Taylor, M. S.** (March, 2020). *Equality and equity in STEM*. TCNJ Best Buddies. Invited presentation. The College of New Jersey, Ewing, NJ.

10. **Taylor, M. S.** (November, 2019). *STEM, robots, and the whole crazy thing.* SPE 322-01: Inclusive Practices. Instructor: Dr. Jerry Petroff. The College of New Jersey.

9. **Taylor, M. S.** (October 2018). *STEM and early education for students with intellectual disabilities.* [Audio podcast]. Leading Equity, Eakins, S. L. (Producer). Retrieved from https://itunes.apple.com/us/podcast/leading-equity/id1419821427?mt=2 (available January 2019).

8. **Taylor, M. S.** (October 2017). *Intellectual disabilities*. EEX 4070: Teaching Exceptional Students. Instructor: Jaime Best. University of Central Florida, Orlando, FL.

7. **Taylor, M. S.**, & Mrstik, S. (March 2017). *How do you ESE?* Intern Seminar, University of Central Florida, Orlando, FL.

6. **Taylor, M. S.**, & Donehower, C. (September 2016). *Interdisciplinary collaboration: Education and physical therapy.* PHT 7329: Advanced Pediatrics Physical Therapy. Instructor: Dr. Jennifer Tucker. University of Central Florida, Orlando, FL.

5. **Taylor, M. S.** (September 2016*). Dash and Dot robots*. Social and Emotional Development of Young Children. EEC 3700. Instructor: Dr. Judith Levin. University of Central Florida, Orlando, FL.

4. **Taylor, M. S.**, Ezekiel-Wilder, F., & Becker, J. (September 2016). *Embracing diversity*. Knight Ed Talks, University of Central Florida, Orlando, FL.

3. **Taylor, M. S.** (March 2016). *Engaging students in STEM using robots*. UDL and Technology Conference. River Springs Middle School, Volusia County, FL.

2. **Taylor, M. S.** (February 2016). *Sounds, letters, and phonology (Pre-K/Level 1)*. Down Syndrome Foundation of Central Florida, University of Central Florida, Orlando, FL.

1. **Taylor, M. S.**, & Holbrook, J. (October 2015). *Universal design for learning*. Down Syndrome Foundation of Central Florida, Citrus Club, Orlando, FL.

TEACHING

Salve Regina University

SED 225 Fall 2024	Language Development and Communication Skills for Children with Disabilities *Face to Face*	Undergraduate
SED 304 Fall 2024	Intensive Intervention: Curriculum, Methodology, and Assessment in Early Education *Face to Face*	Undergraduate
SED 350 Fall 2024	Collaboration: Home, School, Community *Face to Face*	Undergraduate
SED 225 Spring 2024	Language Development and Communication Skills for Children with Disabilities *Face to Face*	Undergraduate
SED 309 Spring 2024	Special Education in the Inclusive Classroom *Face to Face*	Undergraduate
SED 350 Spring 2024	Collaboration: Home, School, Community *Face to Face*	Undergraduate
SED 431/432 Spring 2024	Special Education Student Teaching Internship	Undergraduate
SED 225 Fall 2023	Language Development and Communication Skills for Children with Disabilities *Face to Face*	Undergraduate
SED 304 Fall 2023	Intensive Intervention: Curriculum, Methodology, and Assessment in Early Education *Face to Face*	Undergraduate
SED 350 Fall 2023	Collaboration: Home, School, Community *Face to Face*	Undergraduate
SED 225 Spring 2023	Language Development and Communication Skills for Children with Disabilities *Face to Face*	Undergraduate
SED 305 Spring 2023	Intensive Intervention: Curriculum, Methodology, and Assessment for Students with Mild/Moderate Disabilities *Face to Face*	Undergraduate

SED 350 Spring 2023	Collaboration: Home, School, Community *Face to Face*	Undergraduate
SED 225 Fall 2022	Language Development and Communication Skills for Children with Disabilities *Face to Face*	Undergraduate
SED 305 Fall 2022	Intensive Intervention: Curriculum, Methodology, and Assessment for Students with Mild/Moderate Disabilities *Face to Face*	Undergraduate
SED 350 Fall 2022	Collaboration: Home, School, Community *Face to Face*	Undergraduate

The College of New Jersey

AT 521 Summer 2024	Assistive Technology *Asynchronous Online (Adjunct)*	Graduate
AT 521 Summer 2023	Assistive Technology *Asynchronous Online (Adjunct)*	Graduate
SPE 393 Fall 2022	Independent Study (student researcher) *Adjunct*	Undergraduate
AT 521 Summer 2022	Assistive Technology *Asynchronous Online*	Graduate
SPE 393 Spring 2022	Independent Study (student researcher) *Face to Face*	Undergraduate
CCS4 Spring 2022	Assistive Technology *Face to Face*	Community and Career Services
SPED 521 Spring 2022	Assistive Technology (Sections 01 and 02) *Face to Face*	Graduate
SPED 695 Fall 2021	Graduate Internship Special Education *Supervision of student teachers*	Graduate
CCS4 Fall 2021	Computer Literacy 1 *Face to Face*	Community and Career Services
SPED 597 Fall 2021	Special Topics in Special Education *Face to Face*	Graduate

SPED 521 Fall 2021	Assistive Technology (Section 01) *Face to Face*	Graduate
SPED 322 Fall 2021	Inclusive Practices (Sections 01 and 03) *Co-taught with Dr. Jerry Petroff, Face to Face*	Undergraduate
SPED 521 Summer 2021	Assistive Technology Global Studies *Online*	Graduate
SPED 521 Summer 2021	Assistive Technology (Section 01) *Online*	Graduate
SPED 521 Spring 2021	Assistive Technology (Sections 01 and 02) *Face to Face/online*	Graduate
SPED 521 Fall 2020	Assistive Technology (Section 01) *Online*	Graduate
SPE 322 Fall 2020	Inclusive Practices (Sections 01 and 03) *Co-taught with Dr. Jerry Petroff, online*	Undergraduate
SPED 597 Fall 2020	Special Topics in Special Education *Online*	Graduate
SPED 695 Fall 2020	Graduate Internship in Special Education/General Education *Supervised graduate level interns*	Graduate
SPED 521 Summer 2020	Assistive Technology (Section 01) *Online*	Graduate
SPED 521 Spring 2020	Assistive Technology (Sections 01 and 02) *Face to Face/Online*	Graduate
SPED 324 Spring 2020	Severe Disabilities (Section 03) *Face to Face/Online*	Undergraduate
SPED 521 Fall 2019	Assistive Technology (Section 01) *Face to Face*	Graduate
SPE 322 Fall 2019	Inclusive Practices (Section 03) *Face to Face*	Undergraduate
SPED 695 Fall 2019	Graduate Internship in Special Education/General Education *Supervised graduate level interns*	Graduate

Sacred Heart University

EDS 599 Summer 2024	Technology *Asynchronous Online*	Graduate (Doctoral)
EDS 599 Winter 2024	Assistive Technology *Asynchronous Online*	Graduate
EDS 599 Summer 2023	Technology *Asynchronous Online*	Graduate (Doctoral)
EDS 599 Summer 2022	Technology *Asynchronous Online*	Graduate (Doctoral)

University of Central Florida

EEX 6342 2019	Critical Issues in Special Education *Online*	Graduate
MAE 4326 2018	How Children Learn Mathematics *Co-taught with Dr. Megan Nickels, Face to Face*	Undergraduate
SCE 5836 2018	Space and Physical Science for Educators *Co-taught with Dr. Megan Nickels, Face to Face*	Graduate
EMR 6235 2018	Nature of Severe or Profound Disabilities: Theory and Educational Practice *Online*	Graduate
EDG 6329 2018	Quality Teaching Practices *Co-taught with Dr. Sarah Bush, Face to Face*	Graduate
EEX 6945 2017	Graduate Internship in Exceptional Education *Supervised graduate level interns in course work and* *student teaching internship*	Graduate
IDS 1690 2017	Research in Mathematics and Science Education *Co-taught with Dr. Megan Nickels in a face-to-face class.*	Graduate
EEX 4070 2014	Teaching Exceptional Students *Co-taught with Dr. Maria Reyes, Face to Face*	Undergraduate
EEX 6342 2014	Critical Issues in Special Education *Co-taught with Dr. Lisa Dieker, Face to Face*	Graduate

Committee Member Graduate and Undergraduate Theses

Abarca, D. (2018). *Dialogic reading with adolescent mothers.* Undergraduate Thesis, University of Central Florida, College of Health and Public Affairs.

PROFESSIONAL SERVICE

2024-Present Academic Integrity Committee, Faculty Representative
Salve Regina University

2024-Present Task Force on Emeritus and Retired Faculty
Salve Regina University

2023-Present Development of Salve Regina M.Ed. Program in Special Education
Proposal Director

2023-Present Early Childhood Intervention Personnel Center for Equity (ECIPC-Equity)
Teacher Education Division Early Childhood (TEDEC) representative

2023-Present CEEDAR Salve Regina University
Representative
Salve Regina University

2022-2024 Science of Reading Rhode Island Department of Education
Redesign and updating for curriculum alignment

2022-Present TEDEC Faculty Sig
Co-Chair

2022-2023 Dissertation Editor, Doctoral Candidate at University of Central Florida
Exceptional Education

2020-2022 Lab Safety Committee
School of Education representative,
The College of New Jersey

2021-2022 Equity Audit Committee
Special Education, Language, and Literacy Department
The College of New Jersey

2020-2021 Policies and Procedures Committee
Special Education, Language, and Literacy Department
The College of New Jersey

2020-Present Editorial Board
Journal of Special Education Technology

2019 Search Committee: Associate Director Grant Development

The College of New Jersey

2019 National Science Foundation Grant Reviewer

2019-2020 Curriculum Committee
Special Education, Language, and Literacy Department
The College of New Jersey

2016-Present Publication Reviewer
Journal of Special Education Technology
Journal of Special Education Apprenticeship (Special Issue)
Informatics
Journal of Inclusive Postsecondary Education
Journal of Special Education Preparation

2015-Present Council for Exceptional Children, Teacher Education Division
Technology Committee

2016-Present Council for Exceptional Children, Teacher Education Division
Research Committee

2015-2019 College and Career Preparation Program
Down Syndrome Foundation of Central Florida, Orlando, FL.

2015 Florida Down Syndrome Conference
Coordinator for adults with Down syndrome sessions, Down Syndrome Association of Central Florida, Nemours Hospital, Orlando, FL.

2014-2017 Association for Doctoral Students in Exceptional Education
Treasurer (2015-2016)
Member, University of Central Florida, Orlando, FL.

PROFESSIONAL MEMBERSHIPS AND AFFILIATIONS

2023-present National Science Teacher Association (NSTA)
2015-present Association of Teacher Educators (ATE)
2014-present Council for Exceptional Children (CEC)
Teacher Education Division (TED)
Division of Early Childhood (DEC)
Division of Autism and Developmental Disabilities (DADD)