



*Eleazar Vasquez III*

*Curriculum Vitae*

Director TJEEI

Associate Professor

University of Central Florida

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TJEEI website: <http://tjeei.ucf.edu>

Faculty Profile: <https://goo.gl/AMfCtF>

Personal Website: <http://vasquezvillage.com>

**Vita-At-A-Glance**

- Ph.D. Disability Disciplines (2008). Utah State University, Logan, UT
- 8.3+ million in continuously **Funded Projects** since 2009
- 40+ **peer-reviewed publications** published since 2002
- 10 Years university **teaching experience** at UCF
- 60+ **presentations** internationally, nationally, and statewide
- [Google Scholar Citations](#)

**Education**

Ph.D. in Disability Disciplines, 2008

Focus: Behavior Analysis and Special Education

Utah State University: Logan, UT

Masters of Arts in School and Behavioral Psychology, 2003

Stephen F. Austin State University: Nacogdoches, TX

Bachelor of Science, 2000

Stephen F. Austin State University: Nacogdoches, TX

College of Education

**Employment History**

- 2017-Present **Director of Toni Jennings Exceptional Education Institute**  
University of Central Florida
- 2015-Present **Rank:** Associate Professor  
Exceptional Education Ph.D. Coordinator 2016-2017
- 2009-2015 **Rank:** Assistant Professor
- 2008- 2009 **Visiting Instructor** of Exceptional Student Education, University of Central Florida, Department of Child, Family, and Community Sciences
- 2005-2008 **Doctoral Fellow** Department of Special Education and rehabilitation, Utah State University
- 2003-2005 **Special Education Coordinator K-12** (school psychologist)  
Supervisor: Stephanie Blank
- 2002- 2003 **School Psychologist Intern**  
Supervisor: Chris Ninness
- 2001-2003 **Graduate Assistant**  
Supervisor: Chris Ninnes

2000-2001 **Assistive Technologist** for K-12 students with disabilities  
1999-2000 **Public School Teacher: 3-7<sup>th</sup>** grade Resource Math Classroom

### **Certifications**

2005-Present Board Certified Behavior Analyst-Doctoral (BCBA-D)  
Certificate number 1-09-5085

2008-Present Graduate Faculty Member at the University of Central Florida

### **Professional Honors, and Awards**

2016 UCF Research Incentive Award (RIA)

2016 UCF Excellence in Research Award College of Education and Human Performance

2015-2016 Provost Academic Leadership Program UCF

2015 Scholarship of Teaching and Learning (SoTL) Award

2015-2016 Lead Scholar of the iSTEM Fellowship at the University of Central Florida

2014-2015 Inaugural iSTEM Fellowship at the University of Central Florida

2014 Inaugural Reach for The Stars Award at the University of Central Florida

2013 UCF Teaching Incentive Program (TIP) Award

2012-2013 UCF Fellows of the Academy for Teaching, Learning, and Leadership, University of Central Florida

2010-Present Affiliate Faculty Lockheed Martin UCF Academy

2008 Dissertation Research Proposal Award from the American Council on Rural Special Education (ACRES)

2004-2008 Doctoral Fellowship from the Office of Special Education at Utah State University

## RESEARCH AND SCHOLARLY ACTIVITIES

### RESEARCH FOCUS

My research focuses on the evaluation of innovative technologies impact on the academic and behavioral performance for individuals with disabilities in STEM content areas.

### Invention Patents, Disclosures and Trademarks

Matthew T. Marino, **Eleazar Vasquez III**, Darin E. Hughes, and Marc H. Zimmerman *Systems and Methods for Career Preference Assessments* filed November 21, 2013 SN# 61/907289. This patent proposal includes 16 unique inventions that will improve career selection, performance, assessment, and satisfaction for people who have difficulty with social engagement, physical activities, or intellectual processing.

Darin E. Hughes and **Eleazar Vasquez III** *Wubees*: A cross platform mobile video game to help train perspective-taking and empathy for children with autism. This application includes a unique intervention empirically proven to increase skills at the Pre-K-8 grade level.  
<https://youtu.be/M7qbHA6db50>

### Publications in National & International Refereed Journals

\* *Denotes student collaboration on scholarly publications*

+ *Denotes corresponding author*

Israel, M., **Vasquez, E.**, Donehower, C. (In Press). Using the UDL framework to enhance education technology-supported learning in reading and writing for all students. *Journal of Intervention School and Clinic (Invited Special Issue)*.

\*+ Taylor, M., **Vasquez, E.**, Donehower, C. (2017). Computer programming with early elementary students with down syndrome. *Journal of Special Education Technology*.

**Vasquez, E.**, Marino, M. T., Donehower, C., Koch, A. (2017) Trial-Based Functional Analysis in Virtual Environments. *Rural Special Education Quarterly* (invited special issue).

\*+ Pearl, C. E., **Vasquez, E.**, Marino, M. T., Rosenberg, M. Wienke, W. Donehower, C., Gourwitz, J. & Duerr, S. (2017). Establishing content validity of the Quality Indicators for Classrooms Serving Students with Autism Spectrum Disorder instrument. *Teacher Education and Special Education*. DOI: 10.1177/08884064166814.

Rock, M., L., Spooner, F., Nagro, S., **Vasquez, E.**, Dunn, C., Leko, M., Luckner, J., \*Donehower, C., \*Jones, J. L. (2016). Transforming teacher development in the digital age: Policy drivers, implications, and recommendations. *Teacher Education and Special Education (Invited Special Issue)* 39 (2): 98-120.

- \*+ Walker, Z., **Vasquez, E.**, Wienke, W. (2016). The impact of simulated interviews for individuals with intellectual disability. *Journal of Educational Technology & Society (Invited special issue)* 19, 1, 76-88.
- \*+ Massengale, L., **Vasquez, E.** (2016). Assessing Accessibility: How accessible are postsecondary online courses for students with disabilities? *Journal on The Scholarship of Teaching and Learning* 16 (1): 69-79.
- Vasquez, E.**, Welch, G., Marino, M., Hughes, D., \*Koch, A., \*Delisio, L., (2015). Virtual learning environments for students with disabilities: A review and analysis of the empirical literature and two case studies. *Rural Special Education Quarterly (Invited Special Issue)* 34(3):26-32.
- \*+ Straub, C., & **Vasquez, E.** (2015). Effects of synchronous online writing instruction for students with learning disabilities. *Journal of Special Education Technology*, 0,1-20.
- Vasquez, E.**, & \*Straub, C. (2015). Online instruction in writing for students with learning disabilities: A review of the literature. *Reading and Writing Quarterly*, 1-20.
- \*+ McKinney, T., & **Vasquez, E.** (2014). There's a bug in your ear! Using technology to increase the accuracy of DTT implementation. *Education and Training in Autism and Developmental Disabilities*.
- Marino, M. T., \*Becht, K., **Vasquez, E.**, \*Gallup, J., Basham, J. & \*Gallegos, B. (2014). Enhancing secondary science content accessibility with video games. *TEACHING Exceptional Children*.
- Vasquez, E.**, \*Rodriguez, J., \*Powell, S., \*Hunt, J., \*McKinney, T., \*Straub, C., \*Walker, Z., & \*Vince-Garland, K. (2014). Using E-Cove to increase the efficiency of pre-service teacher observations. *Ed Technology Ideas*.
- Marino, M. T., Gotch, C. M., Israel, M., **Vasquez, E.**, Basham, J. D., & Becht, K. (2014). UDL in the middle school science classroom: Can video games and alternative text heighten engagement and learning for students with learning disabilities? *Journal of Learning Disabilities Quarterly*.
- \*Garland, D., \*Vince-Garland, K., & **Vasquez, E.** (2013). Management of classroom behaviors: Perceived readiness of education interns. *Journal on The Scholarship of Teaching and Learning*, 15(2), 133-147.
- \* Hunt, J., & **Vasquez, E.** (2013). An exploratory study of the effects of ratio strategies intervention on knowledge of ratio equivalence for students with mathematics learning disability. *Journal of Special Education*, 47(3), 1-11.
- Vasquez, E.**, & \*Serianni, B. (2012). Research and Practice in Distance Education for K-12 students. *Rural Special Education Quarterly*, 31(4), 33-42.
- \*Vince Garland, K., **Vasquez, E.**, & Pearl, C. (2012). Efficacy of individualized clinical coaching in a virtual reality classroom for increasing teachers' fidelity of implementation of discrete trial teaching. *Education and Training in Autism and Developmental Disabilities Journal*, 47 (4), 502-515.
- Vasquez, E.** & \*Straub, C. (2012). Evidence based online instruction for students with disabilities: A review of the literature. *Journal of Special Education Technology*, 27 (3), 31-40.

- Vasquez, E.** & Slocum, T. (2012). The evaluation of synchronous online tutoring for students at risk of reading failure. *Exceptional Children*, 78 (2), 221-235.
- Vasquez, E.**, Forbush, D., E., Mason, L, Lockwood, A., & Glead, L. (2011). Delivery and evaluation of synchronous online reading tutoring to students at-risk of reading failure: implications for rural students. *Rural Special Education Quarterly*, 30(3), 16-26.
- Vasquez, E.**, Slocum, T., Mason, L., Okeeffe, B., \*Lopez, A., \*Straub, C., \*Powell, S., \*Mkinney, T., \*Bedsem, P., \*Walker, Z., & \*Gonzalez, T. (2011). Empirical research on ethnic minority students: 1995-2009, *Learning Disabilities Research and Practice*, (2), 84-94.
- Davis, R. L., Ninness, C., Rumph, R., McCuller, G., Stahl, K., Ward, T., & **Vasquez, E.** (2008). Functional assessment of self-initiated maladaptive behaviors: A case study. *Behavior and Social Issues*, 17, 66-85.
- Hudson, P., Shupe, M., **Vasquez, E.**, & Miller, S. (2008). Teaching data analysis to elementary students with mild disabilities. *Teaching Exceptional Children Plus*, 4(3) Article 5.
- Forbush, D. E., Stenhoff, D. M., **Vasquez, E.**, Furzland, M., Alexander, M., & Stein, J. (2007). Evaluation of an online tool for assessing competence in achievement testing. *Teacher Education and Special Education*, 30(3), 142-154.
- Morgan, R. L., Morgan, R. B., & **Vasquez, E.** (2006). I can search for jobs on the Internet! A web site that helps youth in transition identify preferred employment. *Teaching Exceptional Children*, 38 (6), 6-11.
- Ninness, C., Rumph, R., McCuller, G., **Vasquez, E.**, Bradfield, A., & Ninness, S., (Winter 2005). A Relational frame and artificial neural network approach to computer-interactive mathematics. *The Psychological Record*, 55, 561-570.
- Ninness, H. A. C., Newton, R., Saxon, J., Rumph, R., Bradfield, A., Harrison, C., **Vasquez, E.**, & Ninness, S. (2002). Small group statistics: A monte carlo comparison of parametric and randomization tests. *Behavior and Social Issues*, 12 (1), 53-63.
- Ninness, H. A. C., Rumph, R., **Vasquez, E.**, & Bradfield, A., (2002) Multivariate randomization tests for small- n behavioral research. *Behavior and Social Issues*, 12 (1), 64-74.

### **Commissioned Papers (peer-reviewed)**

- Rock, M. L., Smith, S., Regan, K., **Vasquez, E.**, Kennedy, M., Dieker, L., Evmenva, A., Okolo, C., & Bausch, M. (In Press). CEC TED TAM Commentary: A response to an interview with Joseph Smith, Director, U.S. Office of Educational Technology, Regarding 21<sup>st</sup> Century Special Education Teacher Preparation.
- Dieker, L. A., Kennedy, M. J., Smith, S., **Vasquez III, E.**, Rock, M., & Thomas, C. N. (2014). Use of technology in the preparation of pre-service teachers (Document No. IC-11\_. Retrieved from the University of Florida, Collaboration for Effective Educator, Development, Accountability, and Reform Center website: <http://cedar.education.ufl.edu/tools/innovation-configurations/>

### **Refereed Proceedings (peer reviewed)**

Donehower, C., Vasquez, E., & Becker-Best, J. (2017). Teaching functional analysis procedures using TeachLivE™. *Proceedings TeachLivE™ Conference*.

\*Hughes, D. E., **Vasquez, E.**, & Nicsinger, E. (2016, May). Improving perspective taking and empathy in children with autism spectrum disorder. In *Serious Games and Applications for Health (SeGAH), 2016 IEEE International Conference on* (pp. 1-5). IEEE.

\* Koch, A., **Vasquez, E.**, Marino, M. T., \* Straub, C., \* Schaffer, K., & \* Donehower, C. (2014). Trial based functional analysis in virtual environments for teacher preparation. *Proceedings TeachLive Conference*.

**Vasquez, E.**, \* Straub, C., Nagendran, A., Marino, M., \*Schaffer, K., \*Koch, A., \*Delisio, L., & Russel, M. (2014). A comparison of simulated and traditional environments on the social responses for children with autism. *Proceedings TeachLive Conference*.

\* Walker, Z. M., **Vasquez, E.**, & Wienke, W. (2014). Job interview coaching in a virtual environment for individuals with intellectual disabilities. *Proceedings TeachLive Conference*

**Vasquez, E.** (2012). Synchronous online instruction for students with disabilities in rural locations. In P. Resta (Ed.), *Proceedings of Society for Information Technology & Teacher Education International Conference* (p 961-967).

### **Book Chapters (peer-reviewed)**

Marino, M. T., Israel, M., **Vasquez, E.** Fisher, K. M., & Gallegos, B. (2017). Teaching and learning with technology. In A.S. Canestrari, & B.A. Marlowe (Eds.) *The handbook of educational foundations: International perspectives*. New York, NY: Wiley-Blackwell.

Pearl, C. & **Vasquez, E.**, (2014). Synchronous Online Teaching: Uses of Adobe Connect. In B. Collins (Eds.). *Online in Real Time: Using Web 2.0 for Distance Education in Rural Special Education*. American Council on Rural Special Education.

### **Non-Refereed Manuscripts**

Morgan, R. L., & **Vasquez, E.** (2006). Teaching functionally equivalent replacement behaviors to students with problem behavior: What? How? Why? *The Utah Special Educator*, 26(4), 33-34.

### **Other Published Manuscripts**

**Vasquez, E.** (2009). Evaluation of The Effectiveness of Online Tutoring for Students At-Risk of Reading Failure. Doctoral dissertation, Utah State University, Logan, UT.

**Vasquez, E.** (2003). A Comparison of Parametric and Randomized Multivariate Statistics using Monte Carlo Methods: A Computer Generated Approach. Master's thesis, Nacogdoches, TX.

## Funded Projects

### Continuous External Funding 2009-Present

*Amount Funded as PI or Co-PI as Associate Professor (2014 – Present) \$2,400,000.00*

*Amount Funded as PI or Co-PI as Assistant Professor (2009-2014) - \$4,524,000.00*

*Total as PI or Co-PI (UCF) - \$6,924,000.00*

*Total Collaborative Subcontracts - \$1,400,000.00*

***Total funded project experience - \$8,324,000.00***

*Current Pending Proposals: \$4,150,000.00*

### Externally Funded Awards (National)

Years	Role	Title, Agency, and Award Number	Amount
2016-2018	Co-PI	RET Site: Collaborative Multidisciplinary Engineering Design Experiences for Teachers (CoMET) <b>NSF Award Number: 1611019</b>	\$600,000
2016-2020	PI	Preparing Special Educators in Autism Spectrum Disorders (ASD 5). Office of Special Education Programs, U.S. Department of Education. <b>Award Number H325K150201</b>	\$1,250,000
2016-2018	Co-PI	Adapting Collaborating Classes to Equally Support Science Students. IUSE Program <b>NSF Award ID Number: 1612009</b>	\$300,000
2015-2016	Co-PI	Interdisciplinary Coaching As a Nexus for transforming how institutions support undergraduates in STEM (iCAN). IUSE program <b>NSF Award Number 1505202</b>	\$250,000
2015	Author and Sr. P	Teen Career Pathway (TCP) National Science Foundation Small Business Innovation Research 14-603 Phase I. <b>Award ID Number 1519717.</b>	\$150,000
2014-2018	PI	Special Educator Preparation in Autism Spectrum Disorders (ASD 4) Office of Special Education Programs, U.S. Department of Education. <b>Award Number H325K130222.</b>	\$1,250,000
2013-2017	PI	Special Educator Preparation in Severe or Profound Disabilities (SPD 3), Office of Special Education Programs, U.S. Department of Education. <b>Award Number H325K120207</b>	\$1,250,000
2011-2014	PI	Special Educator Preparation in Autism Spectrum Disorders (ASD 3) Office of Special Education Programs, U.S. Department of Education. <b>Award Number H325K100209</b>	\$1,200,000
2009-2013	PI	Special Educator Preparation in Severe or Profound Disabilities (SPD 2), Office of Special Education Programs, U.S. Department of Education. <b>Award Number H325K080219</b>	\$800,000

### Internally Funded Awards (UCF)

Years	Role	Title, Award Number, and Agency	Amount
2010-2011	PI	The Toni Jennings Exceptional Education Clinic for Academic and Behavioral Interventions Research and Practice. Toni Jennings Exceptional Education Institute Research Project Funding Award	\$16,000
2009	PI	The Toni Jennings Exceptional Education Parent Training in Behavioral Interventions. Principal Investigator. Toni Jennings Exceptional Education Institute Research Project Funding Award	\$8,000

**Grant Evaluation**

<b>Years</b>	<b>Role</b>	<b>Title, Agency, and Award Number</b>	<b>Amount</b>
2014- 2017	External Evaluator	Social Presence During Instructor Mediated Synchronous Versus Asynchronous On-Line Course Discussions: A Study of Undergraduate Students with Disabilities Learning Statistics NSF Award ID Number 1420198	\$500,000

**Pending**

<b>Years</b>	<b>Role</b>	<b>Title, Award Number, and Agency</b>	<b>Amount</b>
2018- 2022	PI	<b>Preparing special educators in Autism Spectrum Disorders.</b> U.S. Department of Education Office of Special Education and Rehabilitation Services (CFDA 84.325).	\$1,250,000
2018- 2022	Co-PI	<b>Technology enhanced learning enabled by partner organizations, research, and teaching success (UCF-TELEPORTS).</b> U.S. Department of Education Office of Special Education and Rehabilitation Services (CFDA 84.325).	\$1,250,000
2018- 2022	Co-PI	<b>Leadership in Special Education: Research to Practice.</b> U.S. Department of Education Office of Special Education and Rehabilitation Services (CFDA 84.325)	\$1,250,000
2018- 2020	Co-PI	<b>Healthy Habits: Timing for Developing Sustainable Behaviors in Children and Adolescents.</b> National Institutes of Health.	\$380,000



## Papers Presented at Refereed Conference

### Invited Talks & Keynote

Kennedy, M., Hasselbring, T., Israel, M, Nagro, S. **Vasquez, E.** (2016, November) Invited TED/TAM Technology Strand: Use of Technology in Teacher Preparation. Teacher Education Division. Lexington, KY. (Strand Lead).

Bausch, M, Evenova, A., Jerome, M., **Vasquez, E.** (2016, November). Invited TED/TAM Technology Strand: Assistive Technology in Teacher Preparation. Teacher Education Division. Lexington, KY. (Strand Lead).

**Vasquez, E.**, Marino, M., Basham, J., Gardner, J., Dieker, L. (2016, November). Invited TED/TAM Technology Strand: Emerging Technology Trends in Education. Teacher Education Division. Lexington, KY. (Strand Lead).

Courtade, G., Ault, M., Carter, R. A., Vasquez, E. (2016, November). Invited TED/TAM Technology Strand: Distance Learning and Teacher Preparation. Teacher Education Division. Lexington, KY. (Strand Lead).

Basham, J., **Vasquez, E.** , Marino, M. (2016, April). Invited member of panel on gaming, social media, and social skills in digital environments for students with disabilities. Council for Exceptional Children. St. Louis

**Vasquez, E.**, (2015, September). What we learn from gaming? Otronicon hosted by Orlando Science Center. Orlando, FL. Keynote Speaker

**Vasquez, E.** (2014, March). State of STEM education conference: Invited panel member for the iSTEM Faculty Fellowship. University of Central Florida, Orlando, FL.

**Vasquez, E.** (2013, January). Hit the Mark with Qualtrics Research. Invited Presenter for the College of Education. University of Central Florida, Orlando, FL.

**Vasquez, E.** (2011, May). Introduction to Single Subject Design & Analysis. Invited Presenter for the College of Health and Public Affairs Office of Research Summer Research Institute at University of Central Florida, Orlando, FL.

**Vasquez, E.** (2010, August). Creating Accessible Content over Adobe Connect for University Students with Deaf/Hard of Hearing disabilities, Center for Distributed Learning at the University of Central Florida, Orlando, FL.

**Vasquez, E.** (2009, August). Efficient use of Camtasia to disseminate lecture, and webinar materials, CFCS faculty training, University of Central Florida, Orlando, FL.

## International

- Marino, M. T., Vasquez, E., & \*Coy, K. (2016, November). An analysis of Universal Design for Learning during online instruction. Australian Association of Research in Education. Melbourne, AU.
- Marino, M. T., Vasquez, E., & Basham, J. D. (2016, November). Teen Career Pathway. A science, technology, engineering, and mathematics (STEM) career video game pilot study. Melbourne, AU.
- Marino, M. T., & Vasquez E. (2016, November). Teaching teachers to promote college and career readiness in science, technology, engineering, and mathematics (STEM): The iCAN project. Melbourne, AU.
- Vasquez, E. (2012, March). *Synchronous online instruction for students with disabilities in rural locations*. 23<sup>rd</sup> International Conference for the Society for Information Technology and Teacher Education. Austin, TX.
- Vasquez, E. (2008, May). *Evaluation of synchronous online tutoring to students in rural and inner city public school*. Paper Presented at the 34<sup>th</sup> Annual Convention of the International Association for Behavior Analysis, Chicago, IL.
- Vasquez, E., & Stenhoff, D., (2007, May). *Research on ethnic minority students: An analysis of 11 years of studies published in JABA*. 33<sup>rd</sup> Annual Convention of the International Association for Behavior Analysis, San Diego, CA.
- Vasquez, E., Forbush, D., Stenhoff, D., Lockwood, A., & Glead, L. (2007, May). *An evaluation of the effectiveness, efficiency, and feasibility of live on-line tutoring for remediating students' skill deficits*. 33<sup>rd</sup> Annual Convention of the International Association for Behavior Analysis, San Diego, CA.
- Morgan, R. L., & Vasquez, E. (2007, May). *Teaching applied behavior analysis to pre-service teachers*. 33<sup>rd</sup> Annual Convention of the International Association for Behavior Analysis, San Diego, CA.
- Ninness, C., Rumph, R., McCuller, G., Harrison, C., Vasquez, E., Bradfield, A., & Ninness, S., (2003, May) *Artificial neural network analysis of derived relational frames*. Presentation at the International Association for Behavior Analysis, San Francisco, CA.

## National

- Donehower, C., Vasquez, E., & Becker-Best, J. (2017, June). *Teaching functional analysis using TeachLivE*. Presented at TeachLivE™ Annual Conference, Orlando, FL.
- Marnio, M., Vasquez, E. (2017, April). Preparing special educators to promote college and career readiness in STEM: The iCAN project. AERA Annual Meeting. San Antonio, TX.
- Marino, M., Vasquez, E., Basham, J. (2017, April). Teen Career Pathway: An analysis of a career preparation video game for middle school students with and without disabilities. AERA Annual Meeting. San Antonio, TX.

- Berkeley, S., Basham, J., Marino, M., **Vasquez, E.**, Whitehead, A., Luh, A., Gallegos, B., Israel, M. (2017, April). Lessons from a decade of video game research for students with disabilities in science education. NARST Annual International Conference. San Antonio, TX.
- \*Schreffler, J., **Vasquez, E.**, Chini, J., James, W., & Holbrook, J. (2017, March). Universal Design for Learning in Post-Secondary STEM Education for Students with Disabilities: A Systematic Literature Review. Universal Design For Learning International Research Network Summit, Orlando, FL.
- Marino, M. T., Banerjee, M., & **Vasquez, E.** (2016, June). Interdisciplinary Coaching As a Nexus for transforming how institutions support undergraduates in STEM (iCAN). Postsecondary Disability Training Institute, Philadelphia, PA.
- Basham, J., **Vasquez, E.**, Marino, M. (2016, April). Invited member of panel on gaming, social media, and social skills in digital environments for students with disabilities. Council for Exceptional Children. St. Louis
- Marino, M., **Vasquez, E.**, Donehower, C. (2016, March) UDL as a means to enhance college and Career readiness. Paper presented at UDL-IRN summit, Townson, MD
- Vasquez, E.**, Wienkie, W. (2016, March) Certified teachers rate 27 evidence-based practices for students with ASD identified by the NPDC. Paper presented at ACRES conference Las Vegas, NV.
- Wienke, W., **Vasquez, E** (2016, March) Four uniquely different approaches to prepare special education doctoral level leadership personnel. Paper presented at ACRES conference Las Vegas, NV.
- Gardner, J., Basham, J., Marino, M., & **Vasquez, E.** (2015, October). UDL and Evidenced-Based Practices: Measurement and Implementation Issues. Roundtable at the Council for Learning Disabilities annual conference, Las Vegas, NV.
- Pearl, C. & **Vasquez, E.** (2015, April). Project ASD. Poster presented at the OSEP Virtual Project Directors Conference, Washington, DC.
- Vasquez, E.**, & Pearl, C. (2015, April) Project SPD Action Research. Poster presented at the OSEP Virtual Project Directors' Conference, Washington, DC.
- Pennington, R., & **Vasquez, E.** (2015, March). Single Case Design: A Research Methodology for Rural Settings. Paper presented at the American Council on Rural Special Education Conference, New Orleans, LA.
- \*Nicsinger, E., \*Hughes, D., **Vasquez, E.** (2014, November). The science of teaching emotional discrimination to children with ASD using a serious video game. Paper presented at the American Speech-Language-Hearing Association Conference, Orlando, FL.

- Pearl, C., & **Vasquez, E.** (2014, July). Preparing highly qualified personnel to serve students with severe or profound disabilities: A personnel preparation project at UCF. Poster presented at the OSEP Project Directors Conference, Washington, DC.
- Vasquez, E.,** & Pearl, C. (2014, July). Preparing teachers to implement discrete trial instruction: Efficacy of coaching in a virtual classroom environment. Poster presented at the OSEP Project Directors Conference, Washington, DC.
- Vasquez, E.,** & Marino, M. (2014, March). Project Autism Spectrum Disorders. Paper Presented at the American Council on Rural Special Education Conference, Tempe, AZ.
- \* Walker, Z., \*Koch, A., & **Vasquez, E.** (2013, November). Improving interview performance for individuals with intellectual disabilities using mixed reality and coaching. Paper Presented as part of the research on virtual learning environments panel at the 36<sup>th</sup> Annual Teacher Education Division Conference. Fort Lauderdale, FL.
- \*Shaffer, K., \*Koch, A., \* Straub, C., & **Vasquez, E.** (2013, November). Analysis of virtual learning environments for secondary students with autism. Paper Presented as part of the research on virtual learning environments panel at the 36<sup>th</sup> Annual Teacher Education Division Conference. Fort Lauderdale, FL.
- Vasquez, E.,** \*Koch, A., \*Delisio, L., \*Gallup, J., \*Schaffer, K., Nagendran, A., Russell, M., Straub, C., Welch, G., Hughes, C., Paz, M., & Alias, A. (2013, April). *An analysis of virtual learning environments on students with disabilities: A review of the empirical literature.* Paper Presented at the Council for Exceptional Children 2013 Convention and Expo. San Antonio, TX.
- \*Miller, K., & **Vasquez, E.** (2013, April). *Examining the use of handwriting, typing, and scribing with struggling writers.* Paper Presented at the Council for Exceptional Children 2013 Convention and Expo. San Antonio, TX.
- Vasquez, E.** & \*Serianni, B. (2013, March). *Research and Practice in Distance Education for K-12 students.* Paper Presented at the American Council on Rural Special Education Conference, Orlando, FL.
- \*Miller, K., & **Vasquez, E.** (2012, November). *Examining the use of handwriting, typing, and scribing with struggling writers.* Paper Presented at the 35<sup>th</sup> Annual Teacher Education Division Conference. Grand Rapids, MI.
- Vasquez, E.,** & \*Straub, C. (2011, November). *Evidence based instruction for K-12 learners. Where is the evidence?* Paper Presented at the 34<sup>th</sup> Annual Teacher Education Division Conference. Austin, TX.
- \*Hunt, J., & **Vasquez, E.** (2010, November). *Conceptual understanding in fraction through Quotient and Ratio interpretations: Old habits and new perspectives.* Paper Presented at the 33<sup>rd</sup> Annual Teacher Education Division Conference. St. Louis, Missouri.

- Vasquez, E., Slocum, T., Mason, L., O’Keeffe, B. \*Lopez, A., \*Straub, C. \*Powell, S., \*McKinney, T., \*Bedsem, P. \*Walker, Z., & \*Gonzalez, T. (2010, April). *Empirical Research on Ethnic Minority Students: 1995 – 2009*. Paper Presented at the Council for Exceptional Children (CEC), Nashville, TN.
- Alexander, M, **Vasquez, E.**, Hager, K., & Keramidas, C. (2010, March). *Teacher Preparation and Technology Options: Technologies that Lessen the Miles in Rural Practice*. Paper Presented at the 30<sup>th</sup> Annual American Council on Rural Special Education Conference, Memphis, TN.
- Vasquez, E.**, & Wienke, W. (2009, October) *Evaluation of synchronous online tutoring delivered to students at risk of academic failure*. Paper Presented at the 33<sup>rd</sup> Annual Teacher Educators for Children with Behavioral Disorders Conference, Tempe, AZ.
- Keramidas, C. G., Hager, K., Alexander, M., & **Vasquez, E.** (2009, November) *Teacher preparation in changing times: Using technology to lessen the miles in rural practica*. Panel Presentation at the 32<sup>nd</sup> Annual Teacher Education Division of the Council for Exceptional Children Conference. Charlotte, NC.
- Vasquez, E.** & \*Lopez, A. (2009, November) *Empirical Research on Ethnic Minority Students 1995-2009: A review of the literature*. Paper Presentation at the 32<sup>nd</sup> Annual Teacher Education Division of the Council for Exceptional Children Conference. Charlotte, NC.
- Wienke, W., Gilmore, B., Salzburg, C., Sundeen, T., & **Vasquez, E.** (2009, March) *Innovative leadership programs to prepare special education faculty for rural colleges*. Symposium Presented at the 29<sup>th</sup> Annual conference for the American Council on Rural Special Education, Denver, CO.
- Vasquez, E.**, (2009, March). *Evaluation of online tutoring to at-risk students in rural locations*. Paper Presented at the 29<sup>th</sup> Annual Conference for the American Council on Rural Special Education, Denver, CO.
- Wienke, W., Dieker, L., Salzberg, C., Lignugaris/Kraft, B., **Vasquez, E.**, & Pawling, K. (2008, July). *Innovative leadership programs to prepare a new generation of leaders in special education*. Symposium Presented at the Conference on Teacher Education and Special Education in Changing Times: Personnel Preparation and Classroom Interventions.
- Forbush, D., **Vasquez, E.**, Salzberg, C., Lockwood, A., & Gleed, L. (2007, March). *Delivery and evaluation of live audio/video internet based reading tutoring*. 27<sup>th</sup> Annual Conference of the American Council on Rural Special Education. Billings, MT.
- Forbush, D., **Vasquez, E.**, & Mason, L. (2007, March). *Assessing tutees reading skills at a distance via a live audio/video internet based system*. Paper Presented at the 27<sup>th</sup> Annual Conference of the American Council on Rural Special Education. Billings, MT.
- Stenhoff, D. & Forbush, D., & **Vasquez, E.** (2006, November). *Assessing undergraduates’ delivery of an achievement test with an internet-based tool*. Paper Presented at the 29th Annual Convention of the Teacher Education Division of the Council for Exceptional Children. San Diego, CA.

**State**

- Marino, M. T., **Vasquez, E.**, Hines, R. & Holbrook, J. (2016, April). *Technology Innovations at the University of Central Florida. Workshop* for Florida Technology Leadership Consortium.
- \*Donehower, C., & **Vasquez, E.** (2015, October). *Training teachers to implement functional analysis procedures using simulation*. Presented at Florida Association of Behavior Analysis Annual Conference, Daytona, FL.
- \* Schaffer, K., & **Vasquez, E.** (2013, September). *Video modeling: Effects on pre-service educator pairing skills*. Poster Presented at the Annual Florida Association for Behavior Analysis Conference. Daytona, FL.
- Vasquez, E.**, & Reyes, M. (2011, November). *Center for Academic and Behavioral Interventions, Research, and Practice 2010 Grant Outcomes*. Presented at the Toni Jennings Annual Leadership Summit. Orlando FL.
- \***Vasquez, E.**, & Straub, C. (2011, September). *Evidenced-based Synchronous Online Reading and Writing Instruction for Struggling Learners*. Presented at the Florida Distance Learning Associations Fall Conference. Orlando, FL.
- Vasquez, E.**, Forbush, D., Gleed, L., & Lockwood, A. (2007, August). *An evaluation of the effectiveness, efficiency, and feasibility of live on-line reading tutoring for at risk students in an inner city location*. Paper Presented at the 5<sup>th</sup> Annual Utah Conference on Effective Practices in Special Education and Rehabilitation: Interventions Across the Life Span, Logan, UT.
- Vasquez, E.** (2007, August). *Assessing tutees reading skills at a distance via a live online system*. Paper Presented at the 10<sup>th</sup> Annual Graduate Research Symposium. Logan, UT.
- Morgan, R. L., & **Vasquez, E.** (2006, June). *Teaching functionally equivalent replacement behaviors: don't agitate. Communicate!* Paper Presented at the 4th Annual Utah Conference on Effective Practices in Special Education and Rehabilitation: Interventions Across the Life Span. Logan, UT.
- Morgan, R. L., & **Vasquez, E.** (2005, June). *Teaching functionally equivalent replacement behaviors to students with problem behaviors: What, how, and why*. Paper Presented at the 3rd Annual Utah Conference on Effective Practices in Special Education and Rehabilitation: Interventions Across the Life Span. Logan, UT.
- Vasquez, E.**, Ninness, C., Rumph, R., & McCuller, G. (2003, May) *Error pattern recognition: Artificial neural network analysis of transformation of functions*. Poster session Presented at International Association for Behavior Analysis, San Francisco, CA.
- Vasquez, E.** (2002, November). *A comparison of parametric and randomized multivariate statistics using Monte Carlo methods: A computer generated approach*. Poster session Presented at Texas Association of School Psychologists, Dallas, TX.

**Vasquez, E.** (2002, March). *Small group statistics: A Monte Carlo comparison of parametric and randomization tests*. Poster session Presented at the Texas Association of Applied Behavior Analysis, Houston, TX.

Calliou, M., **Vasquez, E.**, (2002, March). *The effects of using differential reinforcement of alternative (DRA) on self-stimulatory behaviors*. Poster session Presented at the Texas Association of Applied Behavior Analysis, Houston, TX.

### **Invited Workshops**

**Vasquez, E., Davey, B., & Stenhoff, D.**, (2011, May) Using excel vista to visually display data for behavior analysts. Workshop at the 36<sup>th</sup> Annual Convention of the International Association for Behavior Analysis, Denver, CO

**Vasquez, E., & Schwartz, S.** (2010, November). The ins and outs of online teaching in higher education: Instructing for the future! 33<sup>rd</sup> Annual Conference Teacher Education Division- Council for Exceptional Children, St. Louis, MI

Stenhoff, D., Davey, B., & **Vasquez, E.** (2009, May). Using excel vista to visually display data for behavior analysts. Workshop at the 35<sup>th</sup> Annual Convention of the International Association for Behavior Analysis, Phoenix, AZ

**Vasquez, E.** (2009, September). Camtasia Studios Show and Tell. Faculty workshop at the University of Central Florida. Orlando, FL.

**Vasquez, E.** (2008, October). Efficient use of Camtasia Studios 5.0 for faculty to integrate asynchronous video lectures in Webcourses. Faculty Workshop at the University of Central Florida. Orlando, FL.

Davey, B., Stenhoff, D., & **Vasquez, E.** (2008, May). Efficient Use of Microsoft Excel for Behavior Analysis and Practitioners to Graphically Communicate Outcomes. Workshop at the 34<sup>th</sup> Annual Convention of the International Association for Behavior Analysis, Chicago, IL.

Stenhoff, D., Davey, B., & **Vasquez, E.** (2007, May). Efficient use of Excel for behavior analysis and practitioners to graphically communicate outcomes. Workshop at the 33<sup>rd</sup> Annual Convention of the International Association for Behavior Analysis, San Diego, CA.

Davey, B., Stenhoff, D., & **Vasquez, E.** (2006, May). Using Excel spreadsheets and graphs for visual display of individual behavior and academic performance in applied settings. Workshop at the 32<sup>nd</sup> Annual Convention of the International Association for Behavior Analysis, Atlanta, GA.

## University Teaching and Supervision

### Post-Doctoral Fellowship

Benjamin Gallegos, PhD (2016-2017) Supported with NSF funding from project iCAN. Award number **1505202**. University of Central Florida, College of Education and Human Performance. Department of Child, Family, & Community Sciences.

### Doctoral Dissertation Committees

#### Chair

Donehower, C. (Expected 2017). *TBA*. Ph.D. Dissertation, University of Central Florida, College of Education and Human Performance. Department of Child, Family, & Community Sciences.

Koch, A. (2016). *Project iCAN: An analysis of Landmark College Model of Supports*. Ph.D. Dissertation, University of Central Florida, College of Education, Department of Child, Family, and Community Sciences.

Hughes, D. E. (2014). *The design and evaluation of a video game to help train perspective-taking and empathy in autism spectrum disorder children*. Ph.D. Dissertation, University of Central Florida. **College of Sciences, Department of Modeling and Simulation.**

Schaffer, K. (2014). *The effects of social interaction across technology modalities for students with autism spectrum disorders*. Ph.D. Dissertation, University of Central Florida, College of Education, Department of Child, Family, & Community Sciences.

Straub, C. (2012). *Synchronous online instruction in writing*. Ph.D. Dissertation, University of Central Florida, College of Education, Department of Child, Family, & Community Sciences.

McKinney, T. (2012). *Using bug in ear to provide synchronous coaching to pre-service teachers implementing discrete trial teaching*. Ph.D. Dissertation, University of Central Florida, College of Education, Department of Child, Family, & Community Sciences.

### Committee Member

Taylor, M. (2017). *Computer Programming with Kindergarten Students with and without Intellectual Disabilities*. Ph.D. Dissertation, University of Central Florida, College of Education and Human Performance. Department of Child, Family, & Community Sciences.

Gallegos, B., (2016). *The role of virtual avatars in supporting middle school students from culturally and linguistically diverse backgrounds on science in after school programs* Ph.D. Dissertation, University of Central Florida, College of Education and Human Performance. Department of Child, Family, & Community Sciences.



- Massengale, L. R., (2016). *The lived experiences of elementary students with disabilities self-advocating through speaking and writing*. Ph.D. Dissertation, University of Central Florida, College of Education and Human Performance. Department of Child, Family, & Community Sciences.
- Gesundheit, I. (2016). *School wide positive behavior supports tier 3 interventions for early childhood and elementary settings*. Ed.D. Dissertation, University of Central Florida, College of Education and Human Performance, Department of Child, Family & Community Sciences.
- Delisio, L. A. (2015). *Effects of the KNWS graphic organizer and video self-modeling through voice thread on the mathematical word problem solving of students with disabilities*. Ph.D. Dissertation, University of Central Florida, College of Education and Human Performance. Department of Child, Family, & Community Sciences.
- Gourwitz, J. (2014). *An analysis of technology modalities for use to prepare special educators*. Ph.D. Dissertation, University of Central Florida, College of Education, Department of Child, Family, & Community Sciences.
- Serianni, B. (2014). *An analysis of online instruction practices for students with disabilities in K-12 settings*. Ph.D. Dissertation, University of Central Florida, College of Education, Department of Child, Family, & Community Sciences.
- Garland, D. (2013). *Virtual coaching of novice science educators to support students with emotional and behavioral disorders*. Ph.D. Dissertation, University of Central Florida, College of Education, Department of Child, Family, & Community Sciences.
- Craanen, P., M. (2013). *Executive functioning analysis of students with ASD*. Ed.D. Dissertation, University of Central Florida, College of Education, School of Teaching, Learning, and Leadership.
- Miller, D., A. (2013). *Representation of Hispanic students in high incidence categories in exceptional student education programs and educational environments in K-12 schools across the state of Florida*. Ed.D. Dissertation, University of Central Florida.
- Walker, Z. (2012). *The effects of the combination of interview practice in a mixed-reality environment and coaching on the interview performance of young adults with intellectual disabilities*. Ph.D. Dissertation, University of Central Florida, College of Education, Department of Child, Family, & Community Sciences.
- Lopez, A. (2012). *Examining potential teacher bias of Hispanic males with emotional disturbances in virtual settings*. Ph.D. Dissertation, University of Central Florida, College of Education, Department of Child, Family, & Community Sciences.
- Vince Garland, K (2012). *Individualized Clinical Coaching in an Interactive Virtual Reality to Increase Fidelity of Implementation of Discrete Trial Teaching*. Ph.D. Dissertation, University of Central Florida, College of Education, Department of Child, Family, & Community Sciences.

- Dopson, N. (2011). *Supporting Hispanic families with young children with developmental/language delays via dialogic reading and coaching within the home environment*. Ph.D. Dissertation, University of Central Florida, College of Education, Department of Child, Family, & Community Sciences.
- Hunt, J (2011). *The effects of a ratio based teaching sequence on performance in fraction equivalency for students with mathematics disabilities*. Ph.D. Dissertation, University of Central Florida, College of Education, Department of Child, Family, & Community Sciences.
- Uhle, T. (2011). *Principals who exceed district standards: Improving outcomes for students with emotional and behavioral disabilities*. Ed.D. Dissertation, University of Central Florida, College of Education, School of Teaching, Learning, and Leadership.
- Bedesem, P. L., (2010). *Using cell phone technology for self-monitoring procedures in inclusive settings*. Ph.D Dissertation, University of Central Florida, College of Education, Department of Child, Family, & Community Sciences.
- Pawling, K. A., (2010). *Integrating universal design for learning concepts into secondary general education instructional methods courses*. Ph.D. Dissertation, University of Central Florida, College of Education, Department of Child, Family, & Community Sciences.
- Wade, W (2010). *Increasing novice teacher support in 21<sup>st</sup> century classrooms: Induction and mentoring for beginning teachers through bug-in-ear technology*. Ph.D. Dissertation, University of Central Florida, College of Education, Department of Child, Family, & Community Sciences.
- Cerasale, M., W. (2009). *The effects of computer-assisted repeated readings on the reading performance of middle school students with mild intellectual disabilities*. Ed.D. Dissertation, University of Central Florida, College of Education, Department of Child, Family, & Community Sciences.

### **External Dissertation Committee Member**

- Orban, S. A. (2017). *Inattentive behavior in bows with ADHD during classroom instruction: The mediating role of working memory process*. Ph.D. Dissertation, University of Central Florida. Psychology Department.
- Friedman, L. M. (2017). *Applied problem solving in children with ADHD: The mediating roles of working memory and mathematical calculation*. Ph.D. Dissertation, University of Central Florida. Psychology Department.
- Michlowitz, R. (2017). *Supporting learning in educational 3D virtual environments: The impact of inter-general joint media engagement*. Ph.D. Dissertation, University of Central Florida. Computer Science Department.
- Bozgeyikli, E. (2017 Expected) *Evaluating virtual reality locomotion techniques for individuals with autism spectrum disorders*. Ph.D. Dissertation, University of South Florida, Rehabilitation Robotics & Prosthetics Testbed Laboratory

Bozgeyikli, L. (2017 Expected). Virtual reality for training individuals with autism spectrum disorder: design considerations. Ph.D. Dissertation, University of South Florida, Rehabilitation Robotics & Prosthetics Testbed Laboratory

Sarver, D. (2013). *Working memory and academic performance*. Ph.D. Dissertation, University of Central Florida. Psychology Department.

Raiker, J. (2013). *Basic sub-process involved in processing speed and contribution to phonological working memory in children*. Ph.D. Dissertation. Psychology Department.

### **Master's Thesis Committee Member**

**Chair:** Bobbitt, N. (2015). An alternative assessment for stereotypies in a high-resolution algorithm. M.S. Thesis Interdisciplinary Studies.

**Member:** Friedman, L. M. (2016). Reading comprehension deficits in children with ADHD: The mediating roles of working memory and orthographic conversion. MS Thesis Psychology Department.

### **Undergraduate Thesis Committee Member**

Parsons, C. (2017). *Metacognitive coaching as a means to enhance college and career success for students with executive function disorders*. College of Education and Human Performance, University of Central Florida

Reese, K (2011). *Improving social conversation in high-functioning autism: Using video self-modeling and comic strip conversations*. Psychology Department University of Central Florida.

## Professional & University Service and Governance

### Editorship and Peer Reviews

- Editorial Board Member**
  - Rural and Special Education Quarterly (2012-Present).
  - Journal of Educational Technology & Society (2013-Present).
- Peer Reviewer for:**
  - Journal of Applied Behavior Analysis (2009 - Present).
  - Rural and Special Education Quarterly (2008-2012).
  - Education and Treatment of Children (2008-Present).
  - Journal of Special Education Leadership (2010-Present).
  - Teaching Exceptional Children (2012-Present).
  - Teacher Education and Special Education (2013-Present).
  - Journal of Special Education Technology (2014-Present)
- Invited Reviewer:**
  - Conference Proposal Reviewer for the *American Council on Rural Special Education Conference* (2013).
  - Conference Proposal Reviewer for the *Teacher Education Division Annual Conference* (2012).
  - Conference Proposal Reviewer for the *Council for Exceptional Children Annual Conference* (2011).
  - Journal of Contextual Behavioral Sciences (2012).
  - Focus on Autism and Other Developmental Disabilities

### National Service

- 2016-Present **Council Member:** Universal Design for Learning Credentialing and Certification Initiative
- 2012-2016 **Chair** of Technology Committee: Teacher Education Division-Council for Exceptional Children. (TED)
- 2012-Present **Chair** Technology Committee: American Council on Rural Special Education. (ACRES)
- 2015-Present **Treasurer** Universal Design for Learning Implementation and Research Network (UDL-IRN)

### State Service

- 2010-Present Member: Multi-Cultural and Disproportionality Committee (FLDOE)

## University of Central Florida

### University Level

- 2017 Member: Faculty Cluster Initiative Readiness Panel
- 2017 Pre-proposal review for ORC
- 2017 NSF Early Career Award Mentor for ORC

- 2016 Member: UCF Vice President Search Committee
- 2015 Member: Faculty Cluster Initiative proposal evaluation panel
- 2013 Member: Search Committee for Director of Student Disability Services
- 2011-2012 **Chair:** ACT Committee (Americans Disability Act Compliance & Technology Committee)
- 2011-2013 Member: IT Resource Advisory Committee
- 2014-Present Member: Modeling and Simulation Admissions & Standards Committee

#### College Level

- 2016 Member: Associate Dean of Research COEHP
- 2015 Member: Dean Search Committee: COEHP
- 2015 Member: Faculty Search Committee Position #37164
- 2014 Member: CFCS Department Chair Search Committee
- 2013-Present Member: College Instructor/Lecturer Promotion Committee
- 2011 Member: Faculty Search Committee for Position #33155
- 2010-2014 Member: Undergraduate Admissions and Retention Committee
- 2012-2013 **Chair:** Undergraduate Admissions and Retention Committee
- 2012-Present Member: Graduate Admissions and Retention Committee
- 2010-Present Member: College of Education Research Committee
- 2012-2015 **Chair:** College of Education Research Committee
- 2009-Present Member: TJEEI Executive Leadership Summit

#### Program Level

- 2016-Present Exceptional Education Ph.D. Co-Coordinator
- 2016 Member: Professor and Executive Director of the Florida Center for Students with Unique Abilities
- 2011 Member: Faculty Search Committee for Position #38719
- 2011 Member: Faculty Search Committee for Position #32336
- 2008-Present Member: Doctoral Search Committee member for incoming doctoral students in exceptional education
- 2009-Present Member: Panelist for School Psychology graduate student interview and admissions
- 2013 Member: Assistant Chair Search Committee
- 2011-Present Faculty Advisor: Association for Doctoral Students in Exceptional Education
- 2009-Present Member: Exceptional Student Education Advisory Committee
- 2009-Present Member: Autism Spectrum Disorder Advisory Committee

### Utah State University

#### Program Level

- 2006-2007 Member: Faculty Search Committee