**Courtney (Vidacovich) Donovan**

Clinical Associate Professor, Director of SEHD Faculty Research Center

University of Colorado Denver

School of Education & Human Development

[Courtney.donovan@ucdenver.edu](mailto:Courtney.donovan@ucdenver.edu)

1380 Lawrence Street, Denver, CO 80204 Home: P.O. Box 1503, Idaho Springs, CO 80452

**EDUCATION**

**Date Degree Institution Subject**

11/2015 Ph.D. University of Denver Research Methods and Statistics

07/2008 M.Ed University of Colorado Denver Curriculum & Instruction, focus on STEM

05/2004 B.S. Oklahoma Christian University Biology

**PROFESSIONAL EXPERIENCE**

**Higher Education**

01/2016 – current Clinical Associate Professor, Director of SEHD Faculty Research Center

*Clinical Assistant Professor (09/2018 – 08/2022)*

*Senior* *Instructor (09/2016 – 08/2018)*

*Adjunct (01/2016 - 05/2016)*

Research and Evaluation Methods

School of Education and Human Development

University of Colorado Denver

01/2015 – 12/2016 Instructor

Business Information and Analytics

Daniels School of Business

University of Denver

05/2014 – 12/2016 Instructor

Research Methods and Statistics

School of Education

University of Denver

01/2015 – 05/2016 Instructor

Math

Red Rocks Community College

**Research Projects & Grants**

06/2022- current Research Consultant

Arts & Economic Prosperity Study

Denver Arts and Venues in partnership with Americans for the Arts

09/2021-current Research Consultant

IMLS Grant: Measuring What Matters

Denver Museum of Nature and Science

08/2020 – current Co-PI, Methodologist

NSF IUSE Grant: ITsCRITiCAL project

University of Colorado

01/2019 – current Methodologist

Intensive Parenting & Mental Health Project

University of Colorado Denver; Palo Alto

08/2019 – 2021 Methodologist

Mile High Learning Grant: Evaluating a Head Start Workforce Wellbeing Initiative

University of Colorado Denver

06/2019 – 2021 Methodologist

LivedX Project

University of Colorado Denver

04/2018 – 07/2020 Data Team Lead

Howard Hughes Medical Institute Inclusive Excellence Grant

University of Colorado Denver

10/2017 – 08/2018 Data Analyst

Walton Family Foundation: Measuring and Scaling Preschool Quality in AK

University of Colorado Denver

01/2016 – 09/2016 Evaluation Analyst

Institute of Museum and Library Services: Putting SPELL (Supporting Parents in Early Literacy through Libraries) into Action

Colorado State Library

09/2013-05/2015 Research Assistant

Spencer Foundation: The Mathematics Education of Blacks: 1854 - 1954

University of Denver

09/2011-11/2014 Research Assistant

Gates Foundation: Profiles of Teacher Proficiency

University of Denver

05/2012-05/2014 Research Assistant

Institute of Education Sciences: An Exploration of Novice Teachers' Core Competencies

University of Denver

05/2012-09/2013 Research Assistant

Elementary and Secondary Education Act: Mathematics and Science Leadership Institute

University of Denver

**K-12 Education**

09/2008-10/2013 Middle School Science Teacher

Horizon Community Middle School

Cherry Creek School District

09/2007-05/2008 Teacher Candidate

Arvada West High School

Jefferson County School District

01/2007-05/2007 Teacher Candidate

Rishel Middle School

Denver Public Schools

05/2007-09/2015 Teacher

Education Department

Denver Museum of Nature and Science

05/2002-08/2003 Teacher

Biodiversity Summer Academy

Oklahoma Christian University

**PEER REVIEWED PUBLICATIONS, EXHIBITIONS, PERFORMANCES, ETC.**

2023 Leech, N.L., & Donovan, C. (2023). Designing integrative mixed methods research: Mixed methods sampling and data collection. In: Tierney, R.J., Rizvi, F., Erkican, K. (Eds.), International Encyclopedia of Education, vol. 12. Elsevier. <https://dx.doi.org/10.1016/B978-0-12-818630-5.11047-4>. ISBN: 9780128186305

2021 Hipolito-Delgado, C., Kirshner, B., Stickney, D., & Donovan, C. (2021). Fostering Youth Sociopolitical Action: The Roles of Critical Reflection, Sociopolitical Efficacy, and Transformative Student Voice. Urban Education.

Lamar, M. R., Speciale, M., Forbes, L. K., Donovan, C. (2021). The mental health of U.S. parents during the COVID-19 pandemic. Journal of Mental Health Counseling, 43(4): 319-335. <https://doi.org/10.17744/mehc.43.4.03>

Schaack, D., Donovan, C., Adejumo, T., & Ortega, M. (2021). To stay or to leave: Factors shaping early childhood teachers' turnover and retention decisions. Journal of Research in Childhood Education.

Bosik, S. W., Harris, B., Alibrahim, N., & **Donovan**, C. (2021). Construct Validity of the Teacher Version of the Strengths and Difficulties Questionnaire in a Sample of Elementary-Aged Children in the United States. Contemporary School Psychology.

Forbes, L., Lamar, M., Speciale, M., & **Donovan**, C. (2021). Mothers’ and fathers’ parenting attitudes during COVID-19. Current Psychology. 1-10 https://doi.org/10.1007/s12144-021-01605-x

2020 Zong, C., **Donovan**, C., & Fuchs, T. (2020). The development and validation of teen beliefs on relationship abuse measure (TBRAM). Journal of Interpersonal Violence.

Kim, J., De Long, S., Gorelik, W., Penwell, K., **Donovan**, C. & Chung, H. (2020). Family Orientation and Achievement Goal Orientations Among the Children of Immigrant and Nonimmigrant Families. International Journal of Educational Psychology.

Zong, C., **Donovan**, C., & Marin-Prais, D. (2020). Understanding How EdD Students View Educational Research: Domain, Taxonomic, Componential, and Text Mining Analysis. Journal of Educational Leadership in Action, 6(2).

2019 Crist, B., **Donovan, C.,** Doran-Myers, M., & Hofschire, L. (2019). Supporting Parents in Early Literacy through Libraries (SPELL): An Evaluation of a Multi-Site Library Project. Public Libraries Quarterly.

Forbes, L. K., **Donovan**, C., & Lamar, M. R. (2019). Differences in Intensive Parenting Attitudes and Gender Norms Among US Mothers. The Family Journal: Counseling and Therapy for Couples and Families, 28(1), 63-71. DOI: 10.1177/1066480719893964.

2018 **Donovan, C.** (2018). Rasch analysis of the teachers’ Knowledge and Use of Data and Assessment (tKUDA) measure. Journal of Applied Measurement.

**Donovan, C.,** & Seidel, K. (2018). Predicting teachers’ rating of their teacher preparation program from program documents regarding assessment use. Leadership and Research in Education: The Journal of the OCPEA.

2017 McDonald, S.E., Ma, L., Green, K., Hitti, S.A., Cody A.M., **Donovan, C.**, Williams, J.H., and Ascione, F. R. (2017). Evaluation of the Parent-Report Inventory of Callous-Unemotional Traits in a Sample of Children Recruited from Intimate Partner Violence Services: A Multidimensional Rasch Analysis. Journal of Clinical Psychology. DOI: 10.1002/jclp.22497

**Donovan, C.,** Green, K.E., and Seidel, K. (2017). Differential Item Functioning on a Measure of Perceptions of Preparation for Teachers, Teacher Candidates, and Program Personnel. Leadership and Research in Education: The Journal of the OCPEA.

Chu-Lien Chao, R., **Vidacovich, C.,** & Green, K. (2017). Rasch Analysis of the Rosenberg Self-Esteem Scale with African Americans. Psychological Assessment, 29(3), 329.

2015 McDonald, S.E., **Vidacovich, C**., Williams, J.H., Ascione, F.R., & Green, K. (2015). The Children's Treatment of Animals Questionnaire: A Rasch analysis. Anthrozoos, 28(1), 131-144.

2014 **Tobiassen, C**., Green, K, & Chao, R.C.L. (2014). Rasch Analysis of the Rosenberg Self-Esteem Scale for African American Students. American Educational Research Association Online Paper Repository. Retrieved from: http://www.aera.net/Publications/OnlinePaper Repository/AERAOnlinePaperRepository/tabid/12720/Owner/940301/Default.aspx

**Tobiassen, C**., Seidel, K., Green, K.E., & Briggs, D. (2014). Differential Item Functioning on a Measure of Perceptions of Preparation for Teachers, Teacher Candidates, and Program Personnel. International Objective Measurement Workshop. Retrieved from: https://docs.google.com/viewer?a=v&pid=sites&srcid=ZGVmYXVsdGRvbWFpbnxpb213MjAxNGFyY2hpdmV8Z3g6M2RiNWUzNjM0ODgzNzk2Zg

**GRANTS FUNDED**

*External*

2021-current *Measuring What Matters.* PI: Denver Museum of Nature & Science, Methodologist Consultant: **Courtney Donovan**. Institute of Museum and Library Services. REC $137,930

2020-current *Implementing Techtivities to Promote Covariational Reasoning and Instructional Transformation in College Algebra (ITsCRITiCAL).* PI: Heather Johnson, Co-PIs: **Courtney Donovan**, Bikai Nie, Gary A Olson, & Belin M Tsinnajinnie. National Science Foundation. REC $1,599,774

*Internal*

2022 *Non-Tenure Track Professional Development Award: Rebel through Recharge.* Co-PIs: Andrea Laser, Robin Brandehoff, Courtney Donovan, Lisa Forbes. University of Colorado Denver Association of Lecturers and Instructors (UCDALI). REC $1,000.

2020 *Intensive Parenting and Mental Health during COVID-19.* **Courtney Donovan** & Lisa Forbes. University of Colorado Denver Office of Research Services. REC $7,500.

2019 *Non-Tenure Track Professional Development Award: Measurement Learning & Leadership.* **Courtney Donovan.** University of Colorado Denver Association of Lecturers and Instructors (UCDALI). REC $1,000.

2018 *Faculty Development Award.* **Courtney Donovan**. School of Education and Human Development. REC $1,000.

Colorado Learning and Teaching with Technology Registration Grant. **Courtney Donovan.** CU Online. REC $150.

**GRANTS UNDER REVIEW**

*External*

2023 *Uncovering Educational Opportunities for Emergent Bilingual Learners in*

*Colorado: A Large-Scale Study of How Local Policy Contexts Shape Language*

*Instruction Program Availability and Participation.* PI: Tania Hogan, BUENO Center for Multicultural Education School of Education CU Boulder, co-PI: Courtney Donovan. Spencer. REC $420,585.50

**GRANTS UNFUNDED**

*External*

2022 *A Multi-case Analysis of Opportunities to Learn for Emergent Bilingual Learners*. PI: BUENO Center for Multicultural Education School of Education CU Boulder, co-PI: Courtney Donovan. Spencer. REC $420,000, declined

2020 *Intensive Parenting and Mental Health during COVID-19.* PI: Margaret Lamar, Palo Alto University, Consultant: Courtney Donovan. American Psychology Association. REC $20,000, declined.

2019 *Measuring what matters.* PI: DMNS, Consultant: Courtney Donovan. National Science Foundation. REC $300,000, declined.

2018 *Collaborative research: The community college to CU (CC2CU) project.* PI: Michael Ferrara, Co-PI: Courtney Donovan. National Science Foundation. REC $2,920,815, declined.

2018 *Redefining online engagement in undergraduate science laboratory courses.* PI: Courtney Donovan. National Science Foundation. REC $202,074, declined.

2017 Measuring and making meaning of “non-academic outcomes” for school improvement. PI: Kent Seidel, Co-PI: Courtney Donovan. Spencer, REC: $49,329, declined.

2016 Exploring aspects of online science labs in higher education that effect student achievement using HLM. PI: Courtney Donovan. Spencer. REC: $26,817, declined.

*Internal*

2022 *Quantitative Literacy Belongs to Everyone: Disrupt Barriers to STEM*. PI: Heather Johnson, multiple co-PIs including Courtney Donovan. CU Grand Challenge, declined.

2018 *The Relationship between Mothers’ Mental Health, Gender Conformity, and Intensive Mothering.* PI: Lisa Forbes, Co-PI: Courtney Donovan and Margaret Lamar. CU Denver Office of Research Services. REC $5,669, declined.

2017 An assessment of STEM assessments. PI: Courtney Donovan. CU Denver Office of Research Services, REC: $16,600, declined.

**GRANTS UNDER REVIEW/IN PREPERATION**

*External*

2022 *A Multi-case Analysis of Opportunities to Learn for Emergent Bilingual Learners*. PI: BUENO Center for Multicultural Education School of Education CU Boulder, co-PI: Courtney Donovan. Spencer.

**OTHER INDICATORS OF SCHOLARLY AND CREATIVE ACTIVITY**

*EVALUATION & CONSULTING EXPERIENCE*

08/2022 Evaluation of SNAP to Success program, *Denver Human Services*

08/2022 Evaluation of internship experiences, SEHD *Research & Evaluation Program*

08/2022 Evaluation of Titanic special exhibit, *Molly Brown House Museum*

08/2022 Evaluation of data possibilities, *Neon One* (*Giving Days Report)*

06/2022 Data collection, *Denver Arts & Venues (Arts and Economic Prosperity study)*

04/2022 Measure validation, *Early Childhood by Design (Bright Horizons project)*

03/2022 Measure validation, *Joining Vision and Action (Denver Human Services project)*

05/2020 Evaluation of program offerings, *Molly Brown House Museum*

06/2018 5 year evaluation of the *Children’s Literacy Center*’s tutoring program in La Junta Elementary school

06/2017 Evaluation of Professional Development, *Denver Children’s Museum* & the “Growing Scientists” Collaborative

05/2016 Evaluation of Professional Development, *Denver Children’s Museum* & the “Growing Scientists” Collaborative

11/2015 Evaluation of K-12 teachers knowledge and use of data, *North Dakota Educational Technology Council*

05/2014 Consultant/analysis of collaborative law practices, Sturm College of Law at University of Denver

02/2013 Evaluation of Inclusive Excellence in Freshman Seminars, Student Services department at University of Denver

*CURRICULUM DESIGN*

01/2021 Creation of four program certificates

05/2021 Course creation of Culturally Responsive Research and Evaluation Methods

05/2020 Course creation of Dissertation/Thesis Proposal Writing

08/2020 Course creation of Program Evaluation Theory and Design

05/2020 Course creation of Grant Writing

05/2020 Course creation of Dissertation Proposal Writing

11/2018 Course creation of Structural Equation Modeling

03/2017 Course creation of Advanced Measurement: Item Response Theory

05/2016 Curriculum development and alignment for EdD research sequence

05/2016 Curriculum alignment at Daniels Business College at the University of Denver

**NON-PEER REVIEWED PUBLICATIONS**

2019 Donovan, C. (2019). So Non-Tenure Track faculty do research too? Posted in Monday Morning Message to the School of Education and Human Development at CU Denver.

O'Brien, S., Zong, C., Donovan, C. (2019). Social Network Analysis and the Importance of a Supportive, Strong Social Network. Posted in Monday Morning Message to the School of Education and Human Development at CU Denver.

2015 Vidacovich, C. (2015). Measuring Teachers' Knowledge and Use of Data and Assessments: Creating a Measure as a First Step toward Effective Professional Development, ProQuest Dissertations and Theses.

Technical Reports

2020 Schaack, D., Le, V., Donovan, C., Adejumo, T., & Ortega, M. (2020). Teacher retention and turnover post salary increase at Mile High Early Learning: Factors shaping teachers’ job decisions. Denver, Colorado: University of Colorado Denver.

2018 Tarrant, K., Schaack, D., Le, V., & Donovan, C. (2018). Building an integrated early childhood data system in Arkansas: Recommendations and Opportunities. Denver, CO: University of Colorado Denver.

Donovan, C. (2018). Evaluation report of parent’s opinion of HOPE schools. Report for HOPE schools board of education.

Donovan, C. (2018). Effectiveness of professional development offered in regards to teacher beliefs for elementary science teachers. Updated report for IMLS “Growing Scientists” project.

2017 Donovan, C. (2017). Effectiveness of professional development offered in regards to teacher beliefs for elementary science teachers. Report for IMLS “Growing Scientists” project.

2016 Donovan, C. (2016). CuddleUppets, Books, & Community: How the Cortez Public Library is Supporting Parents in Early Literacy. Retrieved from: http://spellproject.weebly.com/uploads/1/5/3/3/15331602/cortez\_case\_study.pdf

Donovan, C. (2016). Working with Migrant Families in Colorado: How Denver Public Library is Supporting Parents in Early Literacy. Retrieved from: http://spellproject.weebly.com/uploads/1/5/3/3/15331602/denver\_case\_study.pdf

Donovan, C. (2016). Creative Storytimes: How Garfield County Libraries are Supporting Parents in Early Literacy. Retrieved from: http://spellproject.weebly.com/uploads/1/5/3/3/15331602/parachute\_case\_study.pdf

Donovan, C. (2016). From Home to Library Visits: How High Plains Libraries are Supporting Parents in Early Literacy. Retrieved from: http://spellproject.weebly.com/uploads/1/5/3/3/15331602/high\_plains\_case\_study.pdf

Donovan, C. (2016). Brain Time & Storytime: How the Lake County Public Library is Supporting Parents in Early Literacy. Retrieved from: http://spellproject.weebly.com/uploads/1/5/3/3/15331602/leadville\_case\_study.pdf

Donovan, C. (2016). Driving the Library to Families: How Montrose Libraries are Supporting Parents in Early Literacy. Retrieved from: http://spellproject.weebly.com/uploads/1/5/3/3/15331602/montrose\_case\_study.pdf

Donovan, C. (2016). Storytime Kits for Childcare Centers & Play Groups: How Pikes Peak Library District is Supporting Parents in Early Literacy. Retrieved from: http://spellproject.weebly.com/uploads/1/5/3/3/15331602/pikes\_peak\_case\_study.pdf

Donovan, C. (2016). Kits to Childcare Centers: How Pueblo City-County Library District is Supporting Parents in Early Literacy. Retrieved from: http://spellproject.weebly.com/uploads/1/5/3/3/15331602/pueblo\_case\_study.pdf

**PEER REVIEWED PRESENTATIONS AT MEETINGS/CONFERENCES**

2023, Virtual Johnson, H. L., Donovan, C., Knurek, R., Whitmore, K., & Bechtold, L. (2023, March). A link between students’ graph reasoning and their attitudes toward mathematics and graphs. ICMI Symposium on Mathematics Education and the Socio-Ecological. Online.

2023, Chicago/Virtual Donovan, C., Huvard, H., & Snyders, J. (April, 2023). Differential Item Functioning in Student Success When Modeled as a Latent Variable. Paper accepted for presentation at the annual meeting of the American Educational Research Association, Virtual/Chicago.

2023, Chicago/Virtual Klem, P., Allan, R., & Donovan, C. (April, 2023). A Rasch Analysis of the Psychological Well-being Measure. Paper accepted for presentation at the annual meeting of the American Educational Research Association, Virtual/Chicago.

2023, Chicago/Virtual Donovan, C, Johnson, H. L., Bechtold, L, Knurek, R., Whitmore, K. A. (April, 2023). A Rasch Analysis of a Measure of Graph Selection and Reasoning for Dynamic Situations. Paper accepted for presentation at the annual meeting of the American Educational Research Association, Virtual/Chicago.

2023, Chicago/Virtual Donovan, C, Johnson, H. L., Bechtold, L, Knurek, R., Whitmore, K. A. (April, 2023). Modeling a Relationship between Students’ Graph Selection and Reasoning. Paper accepted for roundtable presentation at the annual meeting of the American Educational Research Association, Virtual/Chicago.

2023, Omaha Whitmore, K., Knurek, R., Johnson, H. L., Bechtold, L., Olson, G., & Donovan, C. (in press, 2023, February) Implementing digital activities in college algebra: Two instructors’ views of benefits and challenges. In Cook, S. (Ed.). Proceedings of the 25th Annual Conference on Research in Undergraduate Mathematics Education. Omaha, NE.

2022, New Orleans Donovan, C., Griffin, J., Gullet, S., Lamont-Manfre, M., & O'Brien, S. (November 2022). Mixed Methods Social Media Evaluation. Poster accepted for presentation at the annual meeting of the American Evaluation Association.

2022, New Orleans Donovan, C. & Luce, C. (November 2022). Tips and Conversations about Creating a Culturally Responsive Evaluation Course. Paper accepted for presentation at the annual meeting of the American Evaluation Association.

2022, Nashville Bechtold, L., Donovan, C., & Johnson, H. L. (2022). College algebra students’ attitudes toward math and graphs: An exploratory factor analysis. In Lischka, A. E., Dyer, E. B., Jones, R. S., Lovett, J. N., Strayer, J., & Drown, S. (Eds.), Proceedings of the 44th Annual Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education (pp. 1630-1634). Middle Tennessee State University.

2022, San Diego Huvard, H., Donovan, C., & Talbot, B. (April 2022). Validation of the Self-determination, Purpose, Identity, and Engagement in Science (SPIRES) Survey using Rasch Modeling. Paper accepted for poster presentation at the annual meeting of the American Educational Research Association, Virtual/San Diego.

2022, San Diego Huvard, H., Talbot, B., & Donovan, C. (April 2022). Measuring Student Success as a Latent Construct with a Partial Credit Rasch Model. Paper accepted for presentation at the annual meeting of the American Educational Research Association, Virtual/San Diego.

2022, San Diego Rodriguez, E., Donovan, C., Butvilofsky, S., & Alvarez, A. (April 2022). The Biliterate Writing Development of Bilingual First Graders: A Path Analysis of Relationships between Writing Skills. Paper accepted for presentation at the annual meeting of the American Educational Research Association, Virtual/San Diego.

2021, Virtual Donovan, C., Luce, C. & McClintock, E. (November 2021). Designing and scaffolding experiential learning with real clients to teach evaluation. Pre-conference presentation featured at the annual meeting of the American Evaluation Association.

2021, Philadelphia Johnson, H. L., Olson, G., Smith, A., Gardner, A., Wang, X., & Donovan, C. (October, 2021). Validating an assessment of students’ covariational reasoning. Proceedings of the 43rd Annual Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education, Philadelphia, PA.

2021, Virtual Phan, N., Luce, C., & Donovan, C., (September 2021). Combining Social Betterment and Inclusive Teaching Via Discussion Boards in Basic and Intermediate Statistics. Paper accepted for presentation at the satellite meeting of the International Association for Statistical Education.

2021, Virtual O’Brien, S., Thorpe, J., & Donovan, C. (September 2021). Combating Stats Anxiety and Online Anxiety with Instructor Presence. Paper accepted for presentation at the satellite meeting of the International Association for Statistical Education.

2021, Virtual Donovan, C., Schaack, D., Adejumo, T., & Ortega, M. (April, 2021). To Leave or To Stay: the Early Childhood Educators’ Balancing Act. Paper accepted for poster presentation at the annual meeting of the American Educational Research Association, Virtual.

2021, Virtual Zong, C., Donovan, C., & Fuchs, T. (April, 2021). Teens’ Personal Beliefs and Peer Perceptions on Relationship Abuse Differ by Gender. Paper accepted for poster presentation at the annual meeting of the American Educational Research Association, Virtual.

2021, Virtual Lamar, M., Forbes, L., & Donovan, C. (April, 2021). Counseling Moms in a Challenging Social Environment: New Findings and Best Practices. 90 minute educational session presented at annual meeting of the American Counseling Association, Virtual.

2021, Virtual Donovan, C., Johnson, H., & Wang, X. (February, 2021).  Measuring Covariational Reasoning: the interaction struggle of getting correct answers verses mathematical reasoning.  Paper accepted to the International Objective Measurement Workshop, Virtual.

2021, Virtual O’Brien, S., Donovan, C., Forbes, L., & Lamar, M. (February 2021).  Analysis of the Intensive Parenting Questionnaire Using Rasch Modeling.  Poster accepted for presentation to the International Objective Measurement Workshop, Virtual.

2020, Virtual Scull, M., Gentile, T., Allan, R., Phan, N., & Donovan, C. (November, 2020). Confirming LGBTQ+ Minority Stress Theory with Structural Equation Modeling. Presentation accepted to the Virtual Conference of The Society for the Scientific Study of Sexuality.

2020, Virtual Huvard, H., Talbot, R., & Donovan, C. (July, 2020).  Defining and Modeling Student Success as a Latent Construct in Learning Assistant Supported Biology Courses. Webinar presented at the virtual meeting of the Society for the Advancement of Biology Education Research, Virtual.

2020, Virtual Donovan, C. & Phan, N. (July, 2020). Meaningful conversations using video discussion groups. Poster accepted to the Colorado Learning and Teaching with Technology regional conference, Virtual.

2020, San Francisco Donovan, C., Johnson, H., & Wang, X. (April, 2020; Cancelled).  Measuring Covariational Reasoning: the interaction struggle of getting correct answers verses mathematical reasoning.  Paper accepted to the International Objective Measurement Workshop, San Francisco, CA.

2020, San Francisco O’Brien, S., Donovan, C., Forbes, L., & Lamar, M. (April 2020; Cancelled).  Analysis of the Intensive Parenting Questionnaire Using Rasch Modeling.  Poster accepted for presentation to the International Objective Measurement Workshop, San Francisco, CA.

2020, San Francisco Lamar, M,. Donovan, C., Forbes, L., & O’Brien, S. (April, 2020; Cancelled).

Mothers’ Mental Health Status in the United States. Poster accepted for presentation at the annual meeting of the American Educational Research Association, San Francisco, CA.

2020, San Francisco Donovan, C. & Zong, C. (April, 2019; Cancelled). A Measure of Statistical Anxiety Designed for Social Science Students. Poster accepted for presentation at the annual meeting of the American Educational Research Association, San Francisco, CA.

2020, Portland Huvard, H., Talbot, B., Donovan, C., & Grassie, C. (March, 2020; Cancelled). Measuring Student Success as a Latent Variable in Undergraduate Biology Courses. Presentation accepted to the National Association for Research on Science Teaching, Portland, OR.

2020, Boston Rudman, N. & Donovan, C. (April, 2020; Cancelled). Examine the impacts and implications of a STEM-focused PLC that implemented structures that nurtured an asset-based learning environment among teachers and the district community. Session presented at the national meeting of the National Science Teachers Association, Boston, MA.

2019, Denver Verma, G., Tandon, M., and Donovan, C. (October, 2019). Sharing Experiences Using Crowd-Sourcing for Data Collection & Analysis in Education. Roundtable accepted for presentation at the annual meeting of the Northern Rocky Mountain Educational Research Association, Denver, CO.

2019, Fort Lauderdale Folan, A., Kubicek, L., & Donovan, C. (October, 2019). Predictors of Expressive Vocabulary in Toddlers at 13 and 15 Months. Poster accepted for presentation at the annual meeting of the Zero to Three Annual Conference, Fort Lauderdale, FL.

2019, Toronto Donovan, C., Brenkert, S., Miller, M. (April, 2019). Rasch Analysis of Puppet Interview Scales of Competence in and Enjoyment of Science with Kindergartners. Poster accepted for presentation at the annual meeting of the American Educational Research Association, Toronto, Canada.

2019, Toronto Donovan, C. & Thorpe, J. (April, 2019). Examining Temporal Validity with Regression to Examine Which Math and Science Courses Predict ACT Scores. Paper accepted for presentation at the annual meeting of the American Educational Research Association, Toronto, Canada.

2019, Toronto Zong, C., Donovan, C., & Marin-Prais, D. (April, 2019). Understanding How EdD Students View Educational Research: Domain, Taxonomic, Componential, and Text Mining Analysis. Paper accepted for presentation at the annual meeting of the American Educational Research Association, Toronto, Canada.

2019, St. Louis Donovan, C. & Corner, T. (April, 2019). How Do Previous Math and Science Courses Impact Chemistry Pathways? Session presented at the national meeting of the National Science Teachers Association, St. Louis, MO.

2019, St. Louis Donovan, C., Ridder, S, & Schnatwinkel, A. (April, 2019). Anchoring for Equity! Session presented at the national meeting of the National Science Teachers Association, St. Louis, MO.

2018, Cleveland Donovan, C., Thorpe, J., & Burns, E. (October, 2018). The expected (and unexpected!) results of evaluating a freshman remedial science course. Poster accepted for presentation at the meeting of the American Evaluation Association, Cleveland, OH.

2018, New York City Kim, J., Gorelik, W., DeLong, S., Kelly, L., Penwell, K, and **Donovan, C.** (April, 2018). Family Orientation and Achievement Goal Orientations among the Children of Immigrant and Nonimmigrant Families. Poster accepted for presentation at the meeting of the American Educational Research Association, New York City, NY.

2016, Washington D.C **Vidacovich, C.** (April, 2016). Measuring teachers’ knowledge and use of data and assessments; a Colorado case study. Poster accepted for presentation at the meeting of the American Educational Research Association, Washington D.C.

2016, Washington D.C Joseph, N., **Vidacovich, C.**, & Hafenstein, N. (April, 2016). Technology and transformation; Two professors experiences teaching online for the first time. Poster accepted for presentation at the meeting of the American Educational Research Association, Washington D.C.

2015, New Orleans McDonald, S. E., **Vidacovich, C**., Ascione, F., Williams, J. H. & Green, K. E. (January, 2015). The Child Exposure to Domestic Violence Scale: A Rasch analysis of the Home Exposure Subscale in a sample of 7- to 12-year-old children. Poster accepted for presentation at the 19th Annual Program Meeting of the Society for Social Work & Research, New Orleans, LA

2014, Philadelphia **Tobiassen, C.,** Green, K, & Chao, R.C.L. (2014, April). Rasch Analysis of the Rosenberg Self-Esteem Scale for African American Students. Paper presented at the meeting of the American Educational Research Association, Philadelphia, PA.

2014, Philadelphia **Tobiassen, C.,** Green, K., & Seidel, K.E. (2014, April). Differential Item Functioning on a Measure of Perceptions of Preparation for Teachers, Teacher Candidates, and Program Personnel. Paper presented at the meeting of the International Objective Measurement Workshop, Philadelphia, PA.

2013, Chicago Anderson, S., Spurlin, M., **Tobiassen, C.,** & Seidel, K.E. (2013, October). Colorado Teacher Preparation Programs: Graduates Give Their Feedback. Paper presented at the American Association of Teaching and Curriculum, Chicago, IL.

2008, Boston Marlow, M. & **Tobiassen, C.** (2008, March). Using Flower Dissections to Teach Botany. Presentation at the meeting of the National Science Teachers’ Association National Conference, Boston, MA.

**SEMINARS/WORKSHOPS PRESENTED**

2021 Forbes, L. & Donovan, C. (2021). Parenting in a pandemic: New research of the impact of COVID-19 on parent’s mental health. Presented as part of a School of Education and Human Development Faculty Research Symposium: Research in a Pandemic.

2020 Donovan, C. (May, 2020). Research and Statistical Methods Alumni Speaker Series. Guest speaker at the University of Denver, Morgridge School of Education.

2018 Donovan, C. (2018). Tips to get through IRB. Seminar presented at CU Denver, Denver.

2017 Donovan, C. (2017). Data Collection and Analysis. *Pathways to Teaching.* Seminar presented at Adams 14 High School, Denver.

Donovan, C. (2017). Measure Creation. Seminar presented at CU Denver, Denver.

Donovan, C. (2017). Using DeDoose for Qualitative Analysis. Seminar presented at CU Denver, Denver.

Donovan, C. (2017). Tips to get through IRB. Seminar presented at CU Denver, Denver.

Donovan, C. (2017). Using Qualtrics for Surveys. Seminar presented at CU Denver, Denver.

Donovan, C. (2017). Statistics Modeling – What are the options? Seminar presented at CU Denver, Denver.

2015 Donovan, C., Ridder, S, & Schnatwinkel, A. (2015). Science Inquiry. *Alternative Teacher Licensure.* Seminar conducted at Metro State University, Denver.

Donovan, C., Ridder, S, & Schnatwinkel, A. (2015). Science Inquiry. *STEM Preschool Professional Learning Community.* Seminar conducted at Saint Vrain Valley School District, Loveland, CO.

Donovan, C. (2015). Standardized Assessment. *Classroom Assessment course.* Seminar conducted at Metro State University, Denver.

Donovan, C. (2015). Messiness of Research. *Teacher Preparation program.* Seminar conducted at Colorado College, Denver.

2011 Donovan, C. (2011). K-6 Science. *Professional Development.* Workshop presented at Mission Para Cristo for Nicaragua elementary school teachers, Jinotega, Nicaragua.

2010 Donovan, C. (2010). Target Students Data Collection and Analysis. *Professional Development.* Seminar presented at Horizon Community Middle School, Aurora, CO.

**PROFESSIONAL ORGANIZATIONS**

* American Educational Research Association (2013-2016, 2018-current)
  + Rasch SIG, Program co-chair (2019-2021)
* American Evaluation Association (2014-2016, 2018-current)
* International Objective Measurement Workshop (2014-current)
* American Association Teaching and Curriculum (2013-2014)
* Research Methods & Statistics Student Association, University of Denver, President (2014-2015)

**COURSES TAUGHT**

|  |  |  |  |
| --- | --- | --- | --- |
| **Course and Number** | **Level** | **Department** | **Institution** |
| Advanced Measurement: Item Response Theory, RSEM 7130 | Graduate | Research & Evaluation Methods | University of Colorado Denver |
| Basic Statistics, RSEM 5100 | Graduate | Research & Evaluation Methods | University of Colorado Denver |
| Intermediate Statistics, RSEM 7110 | Graduate | Research & Evaluation Methods | University of Colorado Denver |
| Introduction to Research Methods, RSEM 5120 | Graduate | Research & Evaluation Methods | University of Colorado Denver |
| Qualitative Inquiry, RSEM 6100/7080 | Graduate | Research & Evaluation Methods | University of Colorado Denver |
| Structural Equation Modeling, RSEM 7800 | Graduate | Research & Evaluation Methods | University of Colorado Denver |
| Dissertation Proposal Writing, RSEM 7500 | Graduate | Research & Evaluation Methods | University of Colorado Denver |
| Program Evaluation Theory & Design, RSEM 7500 | Graduate | Research & Evaluation Methods | University of Colorado Denver |
| Culturally Responsive Research and Evaluation Methods | Graduate | Research & Evaluation Methods | University of Colorado Denver |
| Research Grant Writing, RSEM 7300 | Graduate | Research & Evaluation Methods | University of Colorado Denver |
| Research in Schools, RSEM 5080 | Graduate | Research & Evaluation Methods | University of Colorado Denver |
| Survey Research Methods, RSEM 7050 | Graduate | Research & Evaluation Methods | University of Colorado Denver |
| Applied Research I, RSEM 7001 | Graduate | Research & Evaluation Methods | University of Colorado Denver |
| Applied Research II, RSEM 7002 | Graduate | Research & Evaluation Methods | University of Colorado Denver |
| Applied Research III, RSEM 7003 | Graduate | Research & Evaluation Methods | University of Colorado Denver |
| Business Modeling and Analysis, INFO 2020 | Undergraduate | Business Information & Analytics | University of Denver |
| Business Statistics and Analysis, INFO 1020 | Undergraduate | Business Information & Analytics | University of Denver |
| Educational Research and Measurement, RMS 4900 | Graduate | Research & Evaluation Methods | University of Denver |
| Introductory Statistics, RMS 4910 | Graduate | Research Methods & Statistics | University of Denver |
| Structural Foundation of Research in the Social Sciences, RMS 4940 | Graduate | Research Methods & Statistics | University of Denver |
| Introduction to Statistics, MAT135/BUS226 | Undergraduate | Math | Red Rocks Community College |

**SERVICE**

**School of Education and Human Development**

2020-current *Committee member,* Digital Teaching and Learning Committee

2017-current *Committee Member,* Merit Review Committee

**University of Colorado**

2022-current *Lead Mentor*, Center for Faculty Development & Advancement

2018-current *Committee member,* Faculty Graduate Council, University of Colorado Denver

2017 *Committee member*,Survey best practice university course creation, University of Colorado Denver

**State, National, and Community**

2022 *Reviewer,* Journal of Educational Leadership and Policy Studies

2018-2022 *Reviewer,* American Evaluation Association Conference

2019-2022 *Reviewer*, American Educational Research Association Conference

2019-2021 *Program Co-Chair* for the AERA Rasch SIG

2020 *Reviewer*, School Psychology Quarterly

2020 *Reviewer,* International Objective Measurement Workshop

2017-2019 *Editorial Board Member*, School Psychology Quarterly

2018 *Reviewer*, American Educational Research Journal

2017 *Reviewer*, AERA Open

*2017 Alternative Committee Member,* Science State Standards Review, Colorado Department of Education

2015 *Reviewer,* The Gerontologist

**AWARDS/HONORS**

04/2022 CU Denver campus award for Excellence in Research and Creative Work for Instructional, Research, and Clinical Faculty

01/2022 School of Education & Human Development’s Excellence in Research Award

05/2020 CU Denver Graduate School Award for Mentoring Doctoral Students

04/2019 Provost’s Award for Excellence in Practices Related to Non-Tenure-Track Faculty; given to the SEHD Faculty Research Center

12/2018 Service Award from the Division of School Psychology of the American Psychological Association

06/2016 Excellence in Youth Services Award for the *Putting SPELL (Supporting Parents in Early Literacy through Libraries) into Action* grant work from the Colorado Association of Libraries.

05/2016 Quality Matters Teaching Online Certification

04/2014 Best Graduate Student Paper Award from the International Objective Measurement

Workshop