

54321Michael A. DeDonno
Educational Leadership & Research Methodology
Integrated Medical Science (Secondary)
Florida Atlantic University
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Education

- Case Western Reserve University Ph.D. Psychology 2007 - 2009
- Case Western Reserve University M.A. Psychology 2004 - 2007
- Baldwin Wallace University MBA Finance 1992 - 1994
- Myers University B.S. Computer Science 1986 - 1991

Academic Employment History

- Assistant Professor, Education Leadership & Research Methodology
Florida Atlantic University, College of Education 2014 – Present
- Assistant Professor, Integrated Medical Science (Secondary)
Florida Atlantic University, College of Medicine, 2017 – Present
- Affiliate Assistant Professor, College of Nursing
Florida Atlantic University 2016 – Present
- Assistant Professor, Department of Psychology, Barry University 2009 – 2013
- Post Doctorate, Case Western Reserve University 2008 – 2009
- Adjunct Faculty, Dept. of Psychology, Notre Dame College 2006 – 2009

Industry Employment History

- Manager, Data Management and Analysis, Biorasi Inc. 2013 – 2014
 - Managed Clinical Data Management (CDM) processes and procedures on phase I, II, and III clinical study trials
 - Ensured Standard Operating Procedures (SOPs) were followed based on laws and guidelines (e.g., ICH GCP, 21CFR Part 11)
 - Drafted Statistical Analysis Plans (SAPs) and conducted biostatistical analyses
 - Managed the development of Clinical Study Reports (CSR)
- Data Analyst, Statistician, Northcoast Behavioral Healthcare 2006 – 2012
 - Collaborated with hospital staff in designing research protocols to explore various factors within the patient population
 - Served as Principal Investigator (PI) on behavioral studies
 - Provided training to hospital administrators in the use and value of large datasets to business decision making
 - Applied statistical methods, interpreted results, and drafted statistical analysis section of Clinical Study Reports
- Research Consultant, PIMJ Inc. 2011 – 2012
 - Collaborated with staff in documenting current state and developing learning models designed to optimize cognitive

- performance of employee base
 - Created evaluation programs that measured the impact of applied learning models
 - Produced and delivered web-based distance learning courses
- Program Manager, National City Bank 2000 – 2004
 - Directed a staff of 30 employees and contractors in the design and construction of large scale (\$ 1 million +) information technology (IT) projects
- Operations Manager, Mnet Corp 1997 – 2000
 - Accountable for maximizing operational efficiencies and sales effectiveness through evidence-based practices
- Project Manager, Norstan Communications 1994 – 1997
 - Responsible for design and construction of information technology (IT) infrastructures

Scholarship / Research / Creative Activity

Publications in Print

Refereed

- Monis, A., Hertzman, A., Hooper, B., & **DeDonno, M.A.** (2019). Development of a psychological screening tool to assess at-risk students. *American School Board Journal*. In Press.
- Fiedler, B., Fiedler, L., **DeDonno, M.A.**, Anago, K., de la Cruz, L., Luck, G., & Hennekens, C. H. (2019). Underutilization of Aspirin in Patients with Advanced Colorectal Polyps. *American Journal of Medicine*. In Press.
- Fiedler, B., Fiedler, L., **DeDonno, M.A.**, Anago, K., de la Cruz, L., Luck, G., & Hennekens, C. H. (2018). Lack of reliability of self-reports of advanced colorectal polyps. *Intestinal Research*, 12, 1-3. doi: [10.5217/ir.2018.00144](https://doi.org/10.5217/ir.2018.00144)
- **DeDonno, M. A.**, & Rivera-Torres, K. (2018). *The influence of Perfectionism on Academic Self-Concept*. *International Journal of Education and Practice*, 6(4), 192-199. doi: 10.18488/journal.61.2018.64.192.199
- Longo, J., & **DeDonno, M. A.** (2018). The development of vignettes to explore workplace bullying. *Issues in Mental Health Nursing*, 1, 1-5. doi: 10.1080/01612840.2018.1434706
- **DeDonno, M.A.** (2017). The Influence of Undergraduate Statistics and Statistics Anxiety on Graduate Statistics Success. In *JSM Proceedings, Statistical Education Section*, 110-118.
- **DeDonno, M. A.** (2016). The Influence of IQ on pure discovery and guided discovery learning of a complex real-world task. *Learning and Individual Differences*, 49, 11-16.
- **DeDonno, M. A.**, Rivera-Torres, K., Monis, A., Fagan, J. F. (2014). The Influence of a Time Limit and Bilingualism on Scholastic Assessment Test Performance. *North American Journal of Psychology*, 16(2), 211-224.
- **DeDonno, M. A.**, & Fagan, J. F. (2013). The influence of family attributes on college students' academic self-concept. *North American Journal of Psychology*, 15(1), 49-62.
- **DeDonno, M. A.** (2012). Dental anxiety, dental visits and oral hygiene practices. *Oral Health & Preventive Dentistry*, 10(2), 129-133.
- Kausch, O., Smith, D., **DeDonno, M.A.**, McCormick, R., & Thomas, N. (2010, April). Awareness of weight Status and Desire for Weight Change Among Psychotic Patients with Severe Mental Illness. *Schizophrenia Research*, 117(2), 198. (abstract)
- Demaree, H.A., Burns, K.J., **DeDonno, M.A.**, Agarwala, E.K., & Everhart, D.E. (2012).

Risk dishabituation: In repeated gambling, risk is reduced following a low probability, “surprising,” event (win or losses). *Emotion*, 12(3), 495-502.

- Demaree, H. A., Burns, K. J., & **DeDonno, M. A.** (2010). Intelligence, but not emotional intelligence predicts Iowa Gambling Task performance. *Intelligence*, 38(2), 249-254.
- Demaree, H. A., **DeDonno, M. A.**, Burns, K. J., Feldman, P., & Everhart, D. E. (2009). Trait dominance predicts risk-taking. *Personality & Individual Differences*, 47(5), 419-422.
- **DeDonno, M. A.**, & Demaree, H. A. (2008). Perceived time pressure and the Iowa Gambling Task. *Judgment and Decision Making*, 3(8), 636-640.
- Demaree, H. A., **DeDonno, M. A.**, Burns, K.J., & Everhart, D. E. (2008). You Bet: How Personality Differences Affect Risk-Taking Preferences. *Personality and Individual Differences*, 44, 1484-1494.
- **DeDonno, M. A.**, & Detterman, D. K. (2008). Poker Is a Skill. *Gaming Law Review*, 12(1), 31-36.

Book Chapters

- **DeDonno, M. A.** (2016). Mental Activity and the Act of Learning in the Digital Age. In Victor C. X. Wang (Ed.), *Handbook of Research on Advancing Health Education through Technology* (pp. 347-373). Pennsylvania: IGI Global.

Other

- **DeDonno, M. A.** (2010, September 27). Why do poker players go on tilt? *Ante Up Magazine*.
- **DeDonno, M. A.** (2009, December 19). Coping with the stress of unemployment. *The Miami Herald*. p. A6.

Works currently under review or in preparation

- Fiedler, B., Fiedler, L., **DeDonno, M.A.**, Anago, K., de la Cruz, L., Luck, G., & Hennekens, C. H. (2018). Underutilization of Aspirin in Patients with Biopsy Proven Advanced Colorectal Polyps to Decrease Risk of Colorectal Cancer. Submitted as presentation.
- Chamley-Wiik, D., Cooney, B., & **DeDonno, M.A.** (2018). Undergraduate research mentors. Submitted for publication.
- Baker, T., & **DeDonno, M.A.** (2018). The influence of research self-efficacy on academic achievement. Submitted for publication.
- **DeDonno, M.A.** (2018). Does Academic self-concept Mediate the Relationship Between Statistics Anxiety and Test Performance? In preparation.
- Longo, J., & **DeDonno, M.A.** (2018). The influence of bullying on negative affect. In preparation.

Refereed Presentations and Proceedings

International

- Longo, J. & **DeDonno, M.A.**, & Demzier, C. (2018, October). *Use of Vignettes to Explore the Relationship Between Bullying and Affect*. 6th International Conference on Violence in the Health Sector. Toronto, Canada.
- **DeDonno, M.A.** (2017, July). *Why do students hate statistics?* (Chair, roundtable discussion). American Statistical Association (ASA). Baltimore, MD.
- **DeDonno, M.A.** (2017, July). *The influence of undergraduate statistics and statistics anxiety on graduate statistics success*. American Statistical Assoc. (ASA). Baltimore, MD.

- **DeDonno, M.A., & Longo, L.** (2016, November). *Creating a novel approach to explore the impact of workplace bullying*. 2016 International Conference on Questionnaire Design, Development, Evaluation, and Testing (QDET2). Miami, FL.
- **DeDonno, M.A.,** (2013, May) *Dental Anxiety, and Oral Hygiene Practices*. 2013 Association for Psychological Sciences annual conference. Washington D.C.

National

- Fernandez E., Sanchez, A., & **DeDonno, M.A.** (2018, December). *Pre-exposure prophylaxis (PrEP): An insight into HIV within the LGBT community*. 11th Annual Conference on the Science of Dissemination and Implementation. Washington, DC.
- Martin, J., Sidhu, S., Benhayoun, N., **DeDonno, M.A.,** & Brenner, W. (2018, November). *Dosing Modifications to Increase Tolerability of Gemcitabine and Nab-paclitaxel in Treatment of Pancreatic Cancer in the Elderly*. Society of Gastroenterology Oncology Annual Meeting. Washington, DC.
- Tobillo, R., Martin, J., **DeDonno, M.A.,** & Goldin, G.H. (2018, November) *Stereotactic Body Radiotherapy (SBRT) in Pancreatic Cancer Patients Aged 70 and Older*. 104th Scientific Assembly and Annual Meeting, Radiological Society of North America. Chicago, Ill.
- Fiedler, B.G., Fiedler, L.M., **DeDonno, M.A.,** Anago, K., de la Cruz, L., Luck, G.R., & Hennekens, C.H. (2018, October). *Lack of Reliability of Self Reports of Patients with Advanced Colon Polyps*. American College of Gastroenterology Annual Scientific Meeting. Philadelphia, PA.
- Chaudhary, D., Sidhus S., Manam, R., Manraj, K., Lanza, M., **DeDonno, M.A.,** Baum, S. (2018, October). *Prevalence of Non-alcoholic Fatty Liver Disease (NAFLD) and Non-alcoholic Steatohepatitis (NASH) in High-risk Undiagnosed Adults in South Florida*. American College of Gastroenterology Annual Scientific Meeting. Philadelphia, PA.
- David, D., Luck, G., Cortizo, J., **DeDonno, M.A.,** & Roshan, R. (2018, Feb.). *Should States Allow Physician-Assisted Suicide or Euthanasia? A survey of Hospice Personnel*. The Annual Assembly of the American Academy of Hospice and Palliative Medicine and the Hospice and Palliative Nurses Association. Boston, MA.
- Longo, J., & **DeDonno, MA.** (2017, October). *Development and Validation of Vignettes to Explore Workplace Bullying*. 44th Biennial Convention Honor Society of Nursing, Sigma Theta Tau International, Indianapolis, IN.
- **DeDonno, M. A.** (2008, November). *Time Pressure and the Iowa Gambling Task*. Society of Judgment and Decision Making annual conference. Chicago IL.

Regional

- Capellan, V. M., & **DeDonno, M. A.** (2018, March). *HIV and LGBTQ+ Social Issues Awareness Among College Students and a Need for Sex Education Reform*. Florida Atlantic University, College of Education 17th Annual Research Symposium. Boca Raton, FL.
- Goodman, S., Luck, G., **DeDonno, M.A.,** Lewis, S., Weinart, D., & Grooper, S. (2018, February). *Predicting Healthy Eating Amongst Medical Students Using the Theory of Planned Behavior*. Florida Atlantic Univ., College of Medicine Research Day. Boca Raton, FL.
- **DeDonno, M. A.,** Rivera-Torres, K., & Fagan, J.F. (2013, March). *Bilingualism, Time Pressure and the Scholastic Assessment Test*. Florida Academy of Sciences. Miami Shores, FL.
- **DeDonno, M. A.** (2012, March). *Perception of weight status and willingness to change*. Florida Academy of Sciences annual conference. Tampa, FL.

- **DeDonno, M. A.** (2011, March). *Stereotype threat and academic performance*. Florida Academy of Sciences annual conference. Melbourne, FL.

Non-Refereed Publications, Presentations and Proceedings

- **DeDonno, M.A.** (2018). Optimizing student experience and success. Keynote speaker, Florida Atlantic University, Department of Student Affairs, Annual Residence Education Training conference. Boca Raton, FL.
- **DeDonno, M.A.** (2018). *Exploring the origin of test anxiety*. Keynote speaker, Florida Atlantic University, College of Education 17th Annual Research Symposium. Boca Raton, FL.
- **DeDonno, M.A.** (2018). *Effective Collaborations to ensure Research Success*. Invited guest speaker, Florida Atlantic University, Charles E. Schmidt College of Medicine Annual Research and Scholarship Day. Boca Raton, FL.
- **DeDonno, M. A.** (2015, 2016, 2017, & 2018). *Pragmatic Clinical Trials & Sequential Multiple Assignment Randomized Trial (SMART) Designs*. Guest lecturer, Florida Atlantic University, College of Nursing Doctoral studies class. Boca Raton, FL.
- **DeDonno, M.A.**, (2016, October). *Survey Research*. Florida Atlantic University Department of Educational Leadership and Research Methodology. Boca Raton, FL.
- Rivera-Torres, K. & **DeDonno, M. A.** (2011, March). *Time Pressure and the Scholastic Assessment Test (SAT)*. Barry University Research Forum. Miami Shores, FL.
- **DeDonno, M. A.** (2008, May). *Mood Disorders and Cognitive Functioning*. John Carroll University. Cleveland, OH.
- **DeDonno, M. A.** (2008, April). *Time Pressure and Academic Performance*. East Carolina University, Greenville, NC.
- Kausch, O., Smith, D., **DeDonno, M.A.**, McCormick, R., & Thomas, N. (2010, April). Awareness of weight Status and Desire for Weight Change Among Psychotic Patients with Severe Mental Illness. *Schizophrenia Research*, 117(2), 198. (abstract)

Creative Activities and Achievements

- Broadcasting - Invited Guest
 - WPBT. Issues. (2013, October). Bullying and violence in our schools.
 - WPBT. Viewpoint. (2013, May). Backlash of Muslims over Terrorist Attacks.
 - ION Media Television. Community Crossroads. (2011, May). Achievement Obsession.
 - ION Media Television. Community Crossroads. (2011, March). Psychopathy of Animal Cruelty.
- Industry / Government Activities
 - **DeDonno, M.A.** (2014). Royal Caribbean International, Department of Security. Consultation and training in the identification of potential mental disorders in individuals acting in unlawful ways on cruise ships.
 - Fagan, J.F., & **DeDonno, M. A.** (2011). United States Army. Design and testing of cultural fair cognitive assessments.

Grants

External

- **DeDonno, M.A.** (2015). Principle Investigator. National Institute of Health (NIH) Academic Research Enhancement Award (AREA) R15 (PA-13-313) – Perceptions of Oral Health and the Impact on Oral Hygiene. Collaboration with FAU Student Health Services. \$250,000.00. No Award.
- **DeDonno, M.A., & Laanan, F. S.** (2015). Principle Investigator. National Collegiate Athletic Association (NCAA). Exploring factors that aid student athlete transition out of sport. \$15,000.00. No Award.
- **DeDonno, M.A., & Laanan, F. S.** (2014). Principle Investigator. National Collegiate Athletic Association (NCAA). Exploring Student Athlete Transition Out of Sport Through the Transtheoretical Model (TTM) of Behavior Change. \$50,000.00. No Award.
- **DeDonno, M.A.** (2013) Principle Investigator. National Institute of Health (NIH) Academic Research Enhancement Award (AREA) R15 (PA-13-313) - Relationship between obesity and cognitive functioning among patients diagnosed with severe mental illness. Collaboration with the state of Ohio behavioral health system. \$250,000.00. No Award.

Internal

- **DeDonno, M.A.** (2018). Florida Atlantic University, Undergraduate Research Grant. The influence of Working Memory Capacity on Medical Simulation Performance. Principal Investigator. **\$1,200.00 Award.**
- Longo, J., & **DeDonno, M.A.** (2016). Christine E. Lynn Center for Caring Research Senior Scientist Initiative Award – Creating, validating, and testing a novel approach to Investigate the impact of workplace bullying. Co-Principal Investigator. **\$3,000.00. Award.**
- Vasquez, M. D., & **DeDonno, M.A.** (2016). Florida Atlantic University Undergraduate Research Program Grant. Exposing Pre-service teachers to Research-based Tools in a Measurement Class. Co-Investigator. \$3,000.00. No Award.

Dissertation Activity

| Student - College, Department | Dissertation Title | Role | Status |
|------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|-----------------------------------|-------------------------------------------------------|
| William Ballard - College of Education, EDLRM | Exploring the value of training of online instruction | Methodologist Committee Member | Successful Dissertation Defense - January, 2018 |
| Jonathan Sweet - College of Education, ELRM | Using academic and non-academic factors to predict undergraduate student course success in a lecture capture course | Chair | Successful Dissertation Defense - Nov. 2017 |
| Tracy Baker - College of Education, ELRM | Self-beliefs of undergraduate researchers | Chair | Successful Dissertation Defense - Sept. 2017 |
| Althia Ellis - College of Education, ELRM | The influence of cultural intelligence (CQ) on faculty leadership | Methodologist Committee Member | Successful Dissertation Defense - Sept. 2017 |

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| Marlena Coco - College of Education, ELRM | Factors that predict marijuana use and grade point average among college students | Methodologist Committee Member | Successful Dissertation Defense - May, 2017 |
| Joaquin Martinez - College of Education, ELRM | How student voices in a teach education program can influence degree completion | Methodologist Committee Member | Successful Dissertation Defense - May, 2016 |
| Kristen Perez - College of Education, CCEI | Influences of STEM, Title I and grade level of instruction on teachers' preferences of professional development | Methodologist Committee Member | Successful Dissertation Defense - February, 2018 |
| Tammy Hoffman - College of Education, CCEI | Investigating the Factors which Contribute to Healthy Professional Relationships and a Positive Perception of School Climate | Methodologist Committee Member | Successful Dissertation Defense -May, 2018 |
| Candice Hickman - College of Nursing | The influence of a person centered delirium prevention intervention on delirium severity ** | Methodologist Committee Member | Successful Proposal Defense - Sept. 2016 |
| Jane Wilson - College of Nursing | The influence of social media on breast feeding behaviors ** | Methodologist Committee Member | Successful Dissertation Defense - May, 2018 |
| Maria Tracy - College of Education, ELRM | The influence of leadership practices on student achievement ** | Methodologist Committee Member | Successful Proposal Defense - June 2018 |
| Leigh Scruggs - College of Education, CCEI | Influence of professional development in Florida SB 1108 on teacher self-efficacy | Methodologist Committee Member | Successful Dissertation Defense - February, 2018 |
| Olivia Shand - College of Education, ELRM | The impact of Florida Senate Bill 1720 on student success in mathematics ** | Methodologist Committee Member | Successful Proposal Defense - February, 2018 |

** Working title

Service and Professional Development

Service to the Institution

Department / School service

- Medical Education Scholarship workgroup facilitator
- 2016 Graduate Student Scholarship Committee
- 2016 Exit Survey Development Committee
- 2015 Doctoral Scholarship Committee
- 2015, 2016 Dissertation of the Year Selection Committee University service
- Member - Undergraduate Research Curriculum Committee
- Lecture. (2017, November). *The male brain vs. the female brain*. Florida Atlantic University Lifelong Learning Society. Boca Raton, FL.
- Workshop (2017, March). *Understanding the results section of research articles*. Florida Atlantic University Office of Undergraduate Research and Inquiry (OURI). Boca Raton, FL.
- Lecture. (2017, February). *Healthy Aging: Mind, Body, and Spirit*. Florida Atlantic University Lifelong Learning Society. Boca Raton, FL.

- Lecture (2016, November). The Mind of a Psychopath. Florida Atlantic University Lifelong Learning Society. Boca Raton, FL.
- Reviewer / judge - 2016 FAU undergraduate research symposium
- Workshop (2016, October). *Statistical Significance and Effect Size, beyond p-value*. Florida Atlantic University Office of Undergraduate Research and Inquiry (OURI). Boca Raton, FL.
- Lecture. (2016, January). Memory as we Age. Florida Atlantic University Lifelong Learning Society. Boca Raton, FL.
- Minority Access to Research Careers (MARC) mentor (Barry University)
- Manager, Cognition Research Laboratory (Barry University)

Service to Discipline / Profession

- *Past Social Sciences Section Chair (2011-2013)* - Florida Academy of Science (FAS)
- *Ad-hoc Reviewer* - Journal of Experimental Psychology: Learning, Memory, and Cognition
- *Ad-hoc Reviewer* - Cognition and Emotion
- *Ad-hoc Reviewer* - Journal of Behavioral Decision Making
- *Ad-hoc Reviewer* - International Journal of Educational Research
- *Ad-hoc Reviewer* - Personality and Individual Differences
- *Ad-hoc Reviewer* - Educational Psychology

Service to Community / Public

- Associate Board Member - Best Buddies International, Miami, FL.

Professional Membership

- *Member* - American Statistical Association (ASA)
- *Member* - South Big Data Hub
- *Member* - Association for Psychological Science (APS)
- *Member* - International Society for Intelligence Research (ISIR)

Honors and Awards

- Florida Atlantic University, College of Education, 2017 Distinguished Teacher of the Year.
- National Institute of Dental Craniofacial Research (NIDCR) Award. Building bridges for integrating psychological science with medical health challenges. 2013 Association for Psychological Science annual conference, Washington D.C. **\$1,500.00. Award.**
- National Institute of Health (NIH) Research Award. 2013 University of Kentucky/National Institute of General Medical Sciences Faculty Grant Writing Workshop. **\$1,500.00. Award**

Miscellaneous

- U.S. Government Secret Security Clearance. October 4, 2011.