

CURRICULUM VITAE

Michael E. Mitchell

EDUCATION

DOCTOR OF PHILOSOPHY (Ph.D.) IN CURRICULUM AND INSTRUCTION, EDUCATIONAL RESEARCH, MEASUREMENT, AND EVALUATION PROGRAM (2025) University of South Florida, Tampa, USA

MASTER OF SCIENCE (M.S.) MARINE SCIENCE (1989) University of South Florida, Florida, USA.

GRADUATE CERTIFICATE IN EVALUATION (2014). University of South Florida, Florida, USA.

BACHELOR OF SCIENCE (B.S.) BIOLOGY (1980). University of Illinois, Chicago, Chicago, USA

BACHELOR OF SCIENCE (B.S.) PSYCHOLOGY (1980). University of Illinois, Chicago, Chicago, USA

HONORS AND AWARDS

NATIONAL BOARD CERTIFIED TEACHER (2008). National Board for Professional Teaching Standards. Virginia, USA

Kappa Delta Pi (2018) International Honor Society in Education

CHARLOTTE COUNTY TEACHER OF THE YEAR FINALIST (2023). Charlotte County, Florida, USA

COLLEGE AND UNIVERSITY TEACHING EXPERIENCE

Florida SouthWestern State College. Punta Gorda, Florida, USA

- BSC 1051C - Environmental Biology: Southwest Florida Ecosystems

HIGH SCHOOL TEACHING EXPERIENCE

Florida Department of Education Teaching Certificate License 896584

Florida Department of Law Enforcement Level 2 Background Check

Florida SouthWestern Collegiate. Punta Gorda, Florida, USA

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| • Honors Biology I | • Honors Marine Science |
| • Honors Anatomy and Physiology | • Critical Thinking |
| • Introduction to Information Technology | • Honors Chemistry I |
| • Introduction to TV Production | • Scientific Research |

AREAS OF INTEREST AND SPECIALIZATION

- **Ethics in Evaluation** Promoting an ethical approach to evaluations where ethical considerations form the foundational basis of all evaluations through every step in evaluations
- **Evaluation/Metaevaluation** (STEM, STREAM, educational, personnel, public administration, and non-profit sectors). STREAM = Science, Technology, Rectitude, Engineering, Art, Mathematics.
 - Promotion of high ethical standards in evaluations, particularly with evaluation,
 - Promotion of collaborative evaluations,
 - Measurement of Teachers' Perceptions for including Socioscientific Issues instruction into their curricula,
 - Evaluation of the effect of high-stakes tests on teacher evaluations, teaching practices, teacher motivation, and health,
 - Evaluation of the quality and effectiveness of professional development of teachers.
- **Science Educational Research and Teaching Science Education** (Best practices, national and international comparisons (NAEP, PISA, and TIMSS), moral educational development, and Functional Socioscientific Literacy development through Socioscientific issues instruction.

REFEREED PUBLICATIONS

Adams, D.A., Mitchell, M.E., & Parsons, G.R. (1994). Seasonal occurrence of the white shark, *Carcharodon carcharias*, in waters off the Florida west coast, with notes on its life history. Marine Fisheries Review, 24-28

Poulakis, G.R., Blewett, D.A., & Mitchell, M.E. (2003). The effects of season and proximity to fringing mangroves on seagrass-associated fish communities in Charlotte Harbor, Florida. Gulf of Mexico Science. 1701-184.

Poulakis, G.R., Matheson, R.E., Mitchell, M.E., Blewett, D.A., & C.F. Idelberger. (2004). Fishes of the Charlotte Harbor estuarine system, Florida. Gulf of Mexico Science. 117-150.

Mitchell M. E., (2014). Ocean Acidification CPALMS Lesson. State of Florida Department of Education. <http://www.cpalms.org/Public/PreviewResourceLesson/Preview/72253>

Mitchell, M., Ashford, S., Sullivan, J., & Voris, M. 2014. Keeping Pace with STEM: Creative use of innovative technology in the evaluation process. Poster. American Evaluation Association international conference. Denver, CO.

Rodríguez-Campos, L. & Mitchell, M. (2015). The Model for Collaborative Evaluations as a Framework for Teacher Evaluations: Collaborative Teacher Evaluations. International Journal of Assessment and Evaluation.

Rodríguez-Campos, L. & Mitchell, M. (2015). Flexible and Creative Aspects of Teacher Evaluation: Where collaboration stretches the imagination. Presentation at the American Evaluation Association international meeting.

Mitchell, M. E. and Yin, Yue. (2016). Differential Item Functioning if the Grit-S scale. Poster Presented at the Florida Educational Research Association, Lakeland, Florida.

Mitchell, M. E., (2016). Methods of Protecting Coral Reefs CPALMS Lesson. State of Florida Department of Education. <http://www.cpalms.org/Public/PreviewResourceLesson/Preview/152317?IsDashboard=true>

Mitchell, M. E., (2016). Submarines of Jelly: The Remarkable Siphonophore. State of Florida Department of Education.
<http://www.cpalms.org/Public/PreviewResourceLesson/Preview/154264?IsDashboard=true>

Mitchell, M. E., (2016). Investigating Rulers of the Reef: Coral Reef Parasites. State of Florida Department of Education.
<http://www.cpalms.org/Public/PreviewResourceLesson/Preview/152404?IsDashboard=true>

Mitchell, M. E., (2016). Hurricanes: Birth, Life, and Death. State of Florida Department of Education.
<http://www.cpalms.org/Public/PreviewResourceLesson/Preview/154754?IsDashboard=true>

Mitchell, M. E., (2016). Seasonal and Yearly Changes in the Ozone Hole. State of Florida Department of Education.
<http://www.cpalms.org/Public/PreviewResourceLesson/Preview/154901?IsDashboard=true>

Mitchell, M. E., (2016). Some Assembly Required: DNA and Nanotechnology Fighting Cancer. State of Florida Department of Education.
<http://www.cpalms.org/Public/PreviewResourceLesson/Preview/154897?IsDashboard=true>

Carla D. Chugani, Michael E. Mitchell, Yevgeny Botanov, and Marsha M. Linehan (2017). Development and Initial Evaluation of the Psychometric Properties of the Dialectical Behavior Therapy Barriers to Implementation Scale (BTI-S). Journal of Clinical Psychology, Vol. 73(12), 1704–1716

Rodríguez-Campos, L. & Mitchell, M. (2017). Inspiring female students to consider industrial engineering in healthcare. Presentation at the American Evaluation Association international meeting. Washington, D.C.

Rodríguez-Campos, L. & Mitchell, M. (2017). How the Model for Collaborative Evaluations facilitates a smooth transition in evaluation leadership Presentation at the American Evaluation Association international meeting. Washington, D.C.

Rodríguez-Campos, Liliana, Michael E. Mitchell, Rigoberto Rincones-Gómez (2018). Inspiring Female Student Engineers to Pursue Industrial Engineering Healthcare Opportunities: An Evaluation Using the Model for Collaborative Evaluations. Journal of Emerging Trends in Engineering and Applied Sciences (JETEAS) 9(6):275-281

Mitchell, M.E. and Liliana Rodríguez-Campos (2018). Educational improvements in higher education: An evaluation using the Model for Collaborative Evaluations. Presentation at the American Evaluation Association international conference. Cleveland, OH.

Mitchell, M.E. and Liliana Rodríguez-Campos (2018). The Model for Collaborative Evaluations: Creating an Efficient Evaluation through a Systems Approach. Presentation at the American Evaluation Association international conference. Cleveland, OH.

Zeidler, D., Applebaum, S., Mitchell, M., Wickman, K., Nkrumah, T., Willis, S., & Lee, E. (2018). Socioscientific Issues: Teaching and learning in an evolving context. Presentation at the 91st NARST conference. Atlanta, GA.

Mitchell, M.E. and Liliana Rodríguez-Campos (2019). The Model for Collaborative Evaluations: A systematic framework that creates an effective and efficient evaluation process. Presentation at the American Evaluation Association international conference. Minneapolis, MN.

Mitchell, M.E. and Liliana Rodríguez-Campos (2019). Relationships are the key: How the MCE helps foster resilient collaborative teams. Presentation at the American Evaluation Association international conference. Minneapolis, MN.

Liliana Rodríguez-Campos, Michael E. Mitchell, Rigoberto Rincones-Gómez (2020). Model for collaborative evaluations as a framework to foster a community of collaborators. In A. W. Price, K. K. Brown, & S. M. Wolfe (Eds.), *Evaluating Community Coalitions and Collaboratives*. *New Directions for Evaluation*, 165, 17–27

Zeidler, D.L., Herman, B.C., Kinskey, M., Mitchell, M. Wikman, K. Nkrumah, T. Willis, S. & Applebaum, S., & Lee, E. (2020). Identifying socioscientific orientations in the context of socioscientific issues. Paper Accepted for Presentation at the 92nd Annual Meeting of NARST: A worldwide organization for improving science teaching and learning through research, Portland Oregon. (Conference Cancelled).

Liliana Rodríguez-Campos & Michael E. Mitchell (2020). Ethical decision making in evaluations: Using the Model for Collaborative Evaluations as a guiding light. Presentation at the American Evaluation Association international conference Portland, OR. (virtual presentation).

Mitchell, M.E. and Liliana Rodríguez-Campos (2020). Model for Collaborative Evaluations: A keystone for successful evaluations. Presentation (cancelled) at the American Evaluation Association international conference. Portland, OR.

Liliana Rodríguez-Campos & Michael E. Mitchell (2021). Model for Collaborative Evaluations: A keystone for successful evaluations. Presentation at the American Evaluation Association international conference, Ancillary Session on the CP&E Evaluation Center

Mitchell, M.E. and Liliana Rodríguez-Campos (2021). Leveraging the foundational ethical principles of the Model for Collaborative Evaluations to conduct high quality evaluations. Presentation at the American Evaluation Association international conference, Ancillary Session on the CP&E Evaluation Center

Mitchell, M.E. and Liliana Rodríguez-Campos (2021). The Model for Collaborative Evaluations: Agile, Scalable and Resilient. Presentation at the American Evaluation Association international conference, Ancillary Session on the CP&E Evaluation Center

Mitchell, M.E., Michelle Rincones-Rodríguez and Connie Walker-Egea. (2021) Numerology in Base 22 and Personal Characteristics. Presentation at the American Evaluation Association international conference.

Mitchell, M.E. and Michelle Rincones-Rodríguez (2022). A Collaborative Evaluation Approach to Psychotherapy. *International Education and Research Journal (IJER)*. 8(11):4-7.

Mitchell, M.E. and Liliana Rodríguez-Campos (2022). Evaluation Motivation to Promote Eudaimonia. Presentation at the American Evaluation Association international conference.

Mitchell, M.E. and Liliana Rodríguez-Campos (2022). The Model for Collaborative Evaluations and Its Connection to Ethical Measurement. Presentation at the American Evaluation Association international conference.

Mitchell, M.E., (2022) High moral values and ethical integrity in collaborative evaluations. Guest Lecturer for Workshops in Graduate Certificate in Education Series. University of South Florida.

Mitchell, M.E. and Liliana Rodríguez-Campos (2023). The need for high morals and sound ethics in collaborative teacher evaluations. Presentation at the American Evaluation Association international conference.

Liliana Rodríguez-Campos & Michael E. Mitchell (2023). Ethical Inclusion of Collaboration Guiding Principles for Equitable Evaluation Practices. Presentation at the American Evaluation Association international conference.

Mitchell, M.E. and Liliana Rodríguez-Campos (2024). Are more than numbers needed? The Ethics of Collaborative Teacher Evaluations. Presentation at the American Evaluation Association international conference.

Liliana Rodríguez-Campos & Michael E. Mitchell (2024). When to Say Yes: Using the Model for Collaborative Evaluations to Ethically Guide Decisions of Client & Evaluator Fit. Presentation at the American Evaluation Association international conference.

Michael E. Mitchell & Michelle Rincones-Rodríguez (2025). How teachers want to be evaluated: An Ethical Approach Using the Model for Collaborative Evaluations. Presentation at the American Evaluation Association international conference

Michael E. Mitchell & Liliana Rodríguez-Campos (2025). Keeping Ethics in the Forefront: Using the Model for Collaborative Evaluations to Ensure Rigorous Evaluations. Presentation at the American Evaluation Association international conference

Michelle Rincones-Rodríguez, Michael E. Mitchell & Liliana Rodríguez-Campos (2026) Using the MCE to Support Technology, Technopsychology, and Emerging Ethics

Michelle Rincones-Rodríguez, Michael E. Mitchell & Liliana Rodríguez-Campos (2026) Revisiting Psychological Detachment and Ethics: A Collaborative Evaluation Perspective

Michael E. Mitchell & Liliana Rodríguez-Campos & Michelle Rincones-Rodríguez (2026) Ethical Challenges in Measuring Internalizing Symptoms Using the MCE

Michelle Rincones-Rodríguez, Michael E. Mitchell & Liliana Rodríguez-Campos (2026) Ethical Measurement of Social Anxiety Using Collaborative Evaluation

CONTRACTS

An External & Internal Formative Evaluation of the Initial Response to the STEM Education Portal

December, 2013

Funding Sponsor: SERG, Tampa, Florida

My Role: External Evaluator

Name of Client: SERG, Tampa, Florida

Status of Proposal/Project: Awarded and Completed (2013-2014).

A Formative, Collaborative Evaluation of the DC3 Personnel Evaluation System (2014)

Funding Sponsor: Deep Creek Church DC3

My Role: External Evaluator

Name of Client: Anita Cook - Deep Creek Church Punta Gorda, FL

Status of Proposal / Project: (Completed 2014)

TECHNICAL REPORTS

Rodríguez-Campos, L., Arjoon, J., Ashford, S., English, K., Eversole, O., Matias, F., Mitchell, M., Stewart, K., Sullivan, J., Town, D., Voris, M., Wang, Y., & Wells, L. (2014). *Raising the Standards: A Metaevaluation of National and International Programs*. Florida, USA: Metaevaluation client (client requested confidentiality).

Mitchell, M. & Voris, M. (2014). *Keeping Families Together (KFT)*. Florida, USA: Metaevaluation client (client requested confidentiality).

ADVISORY PANEL REPORTS

Stewart, K. & Wells, L. (2014). *Mommy and Me at Mote (MMM)*. Florida, USA: Metaevaluation client (client requested confidentiality).

Eversole, O. & Wang, Y. (2014). *The LEARNING Project (TLP)*. Florida, USA: Metaevaluation client (client requested confidentiality).

Matias, F. & Town, D. (2014). *Toy Story Program (TSP)* Florida, USA: Metaevaluation client (client requested confidentiality).

Arjoon, J. & English, K. (2014). *Personnel Selection System (PSS)*. Florida, USA: Metaevaluation client (client requested confidentiality).

Ashford, S. & Sullivan, J. (2014). *Disabled Indian Women in an Independent Living Group (DIW)*. Florida, USA: Metaevaluation client (client requested confidentiality).

Stewart, K., Matias, F., & Wells, L. (2014). *Improving Professional Development for Florida's Multi-Tiered System of Supports (MTSS) Project: An Evaluation*. Florida, USA: Metaevaluation client (client requested confidentiality).

Eversole, O., Town, D., & Wang, Y. (2014). *USF/HCPs Elementary Teacher Residency Program: A Formative Evaluation*. Florida, USA: Metaevaluation client (client requested confidentiality).

Arjoon, J. (2014). *Evaluation Report: Climate Change Concepts and POGIL*. Florida, USA: Metaevaluation client (client requested confidentiality).

Alamry, M. Kearby, J., & English, K. (2014). *Improving Starting Right Now: An Evaluation*. Florida, USA: Metaevaluation client (client requested confidentiality).

EVALUATION COURSES AND PROFESSIONAL DEVELOPMENT

Theory and Practice of Program Evaluation. University of South Florida, Department of Measurement and Research. Florida, USA (August to December 2013).

Theory and Practice of Personnel Evaluation. University of South Florida, Department of Measurement and Research. Florida, USA (August to December 2014).

Supervised Practicum in Applied Evaluation. University of South Florida, Department of Measurement and Research. Florida, USA (January to April 2014).

Metaevaluation. University of South Florida, Department of Measurement and Research. Florida, USA (May to June 2014).

DOCTORAL COURSES AND PROFESSIONAL DEVELOPMENT

Statistical Analysis for Educational Research II. University of South Florida, Department of Measurement, Research, and Evaluation. Florida, USA (January to May 2012)

Statistical Analysis for Educational Research III. University of South Florida, Department of Measurement, Research, and Evaluation. Florida, USA (January to May 2015)

Single-Case Experiments. University of South Florida, Department of Measurement, Research, and Evaluation. Florida, USA (May to August 2012)

Computer-Based Testing. University of South Florida, Department of Measurement, Research, and Evaluation. Florida, USA (August to December 2012)

Item Response Theory. University of South Florida, Department of Measurement, Research, and Evaluation. Florida, USA (January to May 2013)

Problems in Educational Data Analysis. University of South Florida, Department of Measurement, Research, and Evaluation. Florida, USA (May to July 2015)

Advanced Educational Measurement 1. University of South Florida, Department of Measurement, Research, and Evaluation. Florida, USA. (September to December 2015)

Advanced Educational Measurement 2. University of South Florida, Department of Measurement, Research, and Evaluation. Florida, USA (January to May 2015)

Qualitative Research in Education 1. University of South Florida, Department of Measurement, Research, and Evaluation. Florida, USA (May to August 2016)

Directed Research. Program Evaluation Project. University of South Florida Department of Measurement, Research, and Evaluation. Florida, USA (April to May 2016)

Philosophies of Inquiry. University of South Florida, Department of Measurement, Research, and Evaluation. Florida, USA (April to July 2016)

Advanced Trends in Science Education. University of South Florida, Department of Science Education. Florida, USA (August to December 2016)

Science Methods. Florida Gulf Coast University, Department of Science Education, Florida, USA (August to December 2004)

School Finance. Florida Gulf Coast University, Department of Science Education, Florida, USA (August to December 2005)

Foundations of Educational Research. Florida Gulf Coast University, Department of Educational Technology and Media, Florida, USA (January to May 2006)

Introduction to Educational Technology. Florida Gulf Coast University, Department of Educational Technology and Media, Florida, USA (May to August 2004)

DOCTORAL DISSERTATION

Mitchell, M.E. (2025). Development and Initial Validation of an Instrument to Measure Teachers' Socioscientific Issues Instruction Perceptions

OTHER PROFESSIONAL DEVELOPMENT

- Code of Ethics – Charlotte County Public Schools Training
- Ethical AI use and prevention of abuse – FSW training modules
- Identifying and Reporting Child Abuse – County Public Schools Training
- FL Harm Prevention and Threat Management Model – County Public Schools Training
- School Gate Procedures- Acknowledgement – County Public Schools Training
- CCPS Active Assailant Training – County Public Schools Training
- Principles of Professional Conduct Training – County Public Schools Training
- Equity training – County Public Schools Training

- Principles of Professional Conduct – County Public Schools Training
- Mandatory Reporting Training Under Title IX – County Public Schools Training
- General Ethics in the Workplace – County Public Schools Training
- Bloodborne Pathogens Exposure – County Public Schools Training
- CCPS Active Assailant – County Public Schools Training
- Health Emergencies Overview – County Public Schools Training
- Health Emergencies: Seizures – County Public Schools Training
- Cybersecurity Overview – County Public Schools Training
- Cardiopulmonary Resuscitation (CPR) – County Public Schools Training
- Fraud and Whistleblower Course – FSW Compliance Training
- Title IX Course – FSW Compliance Training
- Critical Incident Response Training – FSW Compliance Training
- AI Chatbots: Understanding Their Use, Risks, and Limitations in the Workplace – FSW Compliance Training
- Information Technology Security Awareness – FSW Compliance Training
- Vulnerable Persons Knowledge – FSW Compliance Training
- FERPA training – FSW Compliance Training
- Workplace Safety – FSW Compliance Training
- FSA Teacher Certification
- ESE for All Educators

PROFESSIONAL SERVICE

STANDARDIZED TEST DEVELOPMENT

- Committee to construct a predictive science test to identify at-risk students for the Science FCAT test. Charlotte County Public Schools, Florida, USA. (~2005)

CURRICULUM DEVELOPMENT

- Committee to construct lessons and activities to promote learning, including learning in the D quadrant. Charlotte County Public Schools, Florida, USA (2003-2008)

EVALUATION REPORT SUPPORT

- **Pinellas County Schools Department of Assessment, Accountability, and Research.**
Assisted with constructing the Transition Zone Schools Scale-up for Success summative evaluation report. 2016

CHARLOTTE HARBOR NATIONAL ESTUARY PROGRAM (CHNEP)

- **Charlotte Harbor NEP Technical Advisory Committee**
As an expert on the marine and estuarine systems of Tampa Bay and Charlotte Harbor and administrator of the Charlotte Harbor Field Lab, I provided technical assistance to the CHNEP managers and policymakers from the initial planning meetings and inception of the CHNEP through 1999.

SESSION CHAIR

- **Participatory Evaluation: Engaging Participants in the Evaluation Process.**
American Evaluation Association. 2017. Washington D.C.
- **Collaborative, Participatory, and Empowerment Evaluation**
American Evaluation Association. 2022 New Orleans, Louisiana

- **Collaborative, Participatory, and Empowerment Evaluation: Empowerment Evaluation and Stakeholder Involvement: Insights, Reflections, and Implications.** American Evaluation Association. 2023. Indianapolis, Indiana
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PROFESSIONAL AFFILIATIONS

- **American Evaluation Association (AEA).** California, USA.
- **National Association for Research in Science Teaching (NARST).** Reston, VA USA.
- **American Educational Research Association (AERA).** Washington D.C., USA.
- **Association for Science Teacher Education (ASTE).** Virginia, USA.
- **National Science Teachers Association (NSTA).** Virginia, USA.
- **Florida Marine Science Educators Association. (FMSEA).** St. Petersburg, FL USA.

PROFESSIONAL REVIEWER

- 2014. American Evaluation Association proposals for the Collaborative, Participatory, and Empowerment Evaluation Topical Interest Group.
- 2015. American Evaluation Association proposals for the Collaborative, Participatory, and Empowerment Evaluation Topical Interest Group.
- Editor: 2015 publication submissions for the Learner Collection, the international collection of journals for Common Ground Publishers.
- 2016. American Evaluation Association proposals for the Collaborative, Participatory, and Empowerment Evaluation Topical Interest Group
- 2016. National Council on Measurement in Education (NCME) Graduate Student Session Reviewer for the 2017 national meeting.
- 2016. American Evaluation Association Florida Southwestern State College Mini-grant reviewer.
- 2017. American Evaluation Association proposals for the Collaborative, Participatory, and Empowerment Evaluation Topical Interest Group.
- 2018. American Evaluation Association proposals for the Collaborative, Participatory, and Empowerment Evaluation Topical Interest Group.
- 2019. American Evaluation Association proposals for the Collaborative, Participatory, and Empowerment Evaluation Topical Interest Group.
- 2019. American Evaluation Association proposals for the PreK-12 Topical Interest Group
- 2020. American Evaluation Association Program Co-Chair for the Collaborative, Participatory, and Empowerment Evaluation Topical Interest Group.
- 2020. American Evaluation Association proposals for the STEM Topical Interest Group
- 2020. American Educational Research Association proposals for various science and education units.
- 2021. American Evaluation Association Program Co-Chair for the Collaborative, Participatory and Empowerment Evaluation Topical Interest Group.
- 2022. American Evaluation Association Program Co-Chair for the Collaborative, Participatory and Empowerment Evaluation Topical Interest Group.
- 2023. American Evaluation Association Program Co-Chair for the Collaborative, Participatory and Empowerment Evaluation Topical Interest Group.
- 2024. American Evaluation Association Program Co-Chair for the Collaborative, Participatory and Empowerment Evaluation Topical Interest Group.
- 2025. American Evaluation Association Program Co-Chair for the Collaborative, Participatory and Empowerment Evaluation Topical Interest Group.