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October 2, 2023

1 EDUCATION

- Florida State University**, Tallahassee, Florida, Ph.D. May 2011
Mathematics Education
Major Professor: Dr. Kathleen Michelle Clark
- Florida State University**, Tallahassee, Florida, M.S. December 2006
Mathematics Education
- Florida State University**, Tallahassee, Florida, B.S. December 2004
Actuarial Science

2 CERTIFICATION

- University of West Florida**, Pensacola, Florida December 2019
Instructional Design Certificate
- Florida State University**, Tallahassee, Florida September 2011
Program Evaluation Certificate

3 PROFESSIONAL EMPLOYMENT HISTORY

- University of West Florida (UWF)** 2023-Present
Professor, School of Education
- University of West Florida (UWF)** 2017-2023
Associate Professor (Tenured), Department of Teacher Education and Educational Leadership
- University of West Florida (UWF)** 2011-2016
Assistant Professor, Department of Teacher Education and Educational Leadership
- Florida State University (FSU)** 2009-2010
School of Teacher Education, *Instructor*
- Tallahassee Community College (TCC)** 2007-2011
Division of Science and Mathematics, *Adjunct Instructor*
- Tallahassee Community College** 2005-2009
Division of Academic Support, *Adjunct Instructor*

4 PUBLICATIONS (REFEREED)

- Morse, T. & **Nguyen**, G.-N. T. (In press). An investigation of simultaneous prompting to teach an addition algorithm to preschool students. *Journal of Education and Learning*.
- Le* ¹, P.-V., Bui*, T. N., **Nguyen**, G.-N. T., & Nguyen*, U. T. (In press). Backward design and problem-based learning in preparing teacher candidates *Vietnam Education Journal*.
- Stark, J., & **Nguyen**, G.-N. T. (In press). Deciphering the standards: Helping teacher candidates decide what to teach about magnetic interactions. *Science and Children*.
- Nguyen**, G.-N. T. (2023). Solving a \bar{b} : Where mathematics teacher educators' expectations and pre-service teachers' experience meet. *Kentucky Journal of Mathematics Teacher Educators*, 1(2), 1-11. <https://kcm.nku.edu/KAMTE/kjmte/voll1issue2/KJMTE>
- Bagui, S., Eddy, B., Thompson, C. J., & **Nguyen**, G.-N. T. (2022). Generating interest in foundational computer science in high schools: A northwest Florida case study. *International Journal on Engineering, Science and Technology*. 4(4), 254-268. <https://doi.org/10.46328/ijonest.92>
- Nguyen**, G.-N. T. (2022). Behind the percent sign: A pedagogical consideration in teaching elementary mathematics. *Dimensions in Mathematics*, 42(1), 8-15
- Nguyen**, G.-N. T., & Thompson, C. J. (2022, February). Building essential components of a research project: Determining topic, research design, and ethical conduct need. In R. J. Palmer & D. L. Thompson (Eds.), *Conducting Undergraduate Research in Education: A Guide for Students in Teacher Education Programs*. Routledge Press. <https://doi.org/10.4324/9781003226475-6>
- Nguyen**, G.-N. T., Havard, B. & Otto, B., (2022). Parental involvement and high school dropout: Perspectives from students, parents, and mathematics teachers. *European Journal of Educational Research*, 11(1), 469-480. <https://doi.org/10.12973/eu-jer.11.1.469>
- Nguyen**, G.-N., T. & Marlow*, T.,(December, 2021). Supporting pre-service teachers' growth through studying the historical development of a mathematical topic. *Delta-K Journal*. 57(1), 48-52. <https://www.mathteachers.org/preservice-elementaryteachers-growth-through-studyingthe-historical-development-of-amathematics-topic/>
- Tran, D., & **Nguyen**, G.-N., T. (2021) Presence in online mathematics methods courses: Design principles across institutions. In Hollebrands, K., Anderson R., Oliver K. (Eds) *Online Learning in Mathematics Education*. Research in Mathematics Education. Springer, Cham. https://doi.org/10.1007/978-3-030-80230-1_3
- Thompson, C.J., & **Nguyen**, G.-N., T.(2021). Preschool/pre-K kindergarten education promoting student performance in later years: A qualitative perspective. *International Journal of Emerging Issues in Early Childhood Education*. 3(1), 44-58. <https://doi.org/10.31098/ijeiece.v3i1.53>
- Tran, D., Nguyen, D., T., Nguyen, A., T., **Nguyen**, G.-N., T., & Ta*, P., M.(2019). Bridging to mathematical modelling: Vietnamese students' response to different levels of authenticity in contextualized tasks. *International Journal of Mathematical Education in Science and Technology*. 1-20, <https://doi.org/10.1080/0020739X.2019.1648890>
- Havard, B., **Nguyen**, G.-N. T., & Otto, B.(2018). The impact of technology use and teacher professional development on U.S. national assessment of educational progress (NAEP) mathematics achievement. *Education and Information Technologies*, 1-22. <http://dx.doi.org/10.1007/s10639-018-9696-4>
- Mesa, J., & **Nguyen**, G.-N. T. (2017). Go, turtle, go: Measuring motion to build proficiency in science and mathematics. *Science Scope*. 40(8). 54-61.
- Otto, B. & **Nguyen**, G.-N. T. (2016). Investigating the impact of the learning context on preservice teachers' motivation. *Journal of Psychology Research*, 12(6), 712-726. <https://doi.org/10.17265/2159-5542/2016.12.002>
- Nguyen**, G.-N. T., & Goodin, J. (2016). Bridging students to mathematics: Knowledge and motivation. *Journal of Humanistic Mathematics*, 6(2), 47-83. <https://doi.org/10.5642/jhummath.201602.06>
- DiLoreto, M., **Nguyen**, G.-N. T., & Stout, D. L. (2015). CARI: A model of assessment for educator preparation programs. *Journal of Psychology Research*, 5(4), 238-248. <https://doi.org/doi:10.17265/2159-5542/2015.04.003>
- Nguyen**, G.-N. T., & Tran, D. (2014). Mathematical modeling in a problem-based setting. *Mathematics in Michigan*, 47(2), 22-26.
- Nguyen**, G.-N. T. (2014). Piecewise function: It's about its domain and range. *Dimensions in Mathematics*, 34(2), 32-36.

¹Student Author

- Nguyen, G.-N. T.** (2014). A case study of students' motivations in College Algebra courses. *Community College Journal of Research and Practice*, 1-15. <https://doi.org/10.1080/10668926.2013.824394>
- Tran, D., & **Nguyen, G.-N. T.** (2014). Meeting between association and function: Bringing data to the theoretical model. *Dimensions in Mathematics*, 34(1), 5-8.
- Davis, S. B., Thompson, C. J., & **Nguyen, G.-N. T.** (2014). Diversity and inquiry in K-12 physical science teaching: Defying the female Hispanic stereotype threat. *Journal of Intercultural Disciplines*, 14, 45-61.

Manuscripts Submitted/In Press:

- Nguyen, G.-N. T.**, Sharma, R., Thompson, C. J., Marlow*, T., Antah*, T., & Musto M. PLA Measures in Florida College Systems. [Manuscript in preparation]

5 RESEARCH REPORTS

- Nguyen, G.-N. T.**, Sharma, R., & Thompson, C. Examination of Prior Learning Assessment Measures Used in the Florida State College System [Grant Report]. Prepared for *the American Institutes for Research*. Pensacola, FL: University of West Florida.
- DiLoreto, M., Wheatley, K, Morganson, V. J., Assefa, J., O'Neill, S., McKinley, D., **Nguyen, G. N.**, & Kass, S. J. (2015). Music Education: Curriculum guidelines and comprehensive model of assessment. Prepared for *the Florida Department of Education Division of Accountability, Research and Measurement*. Pensacola, FL: University of West Florida.
- DiLoreto, M., Wheatley, K, Morganson, V. J., Assefa, J., O'Neill, S., McKinley, D., **Nguyen, G. N.**, & Kass, S. J. (2015). Physical Education: Curriculum guidelines and comprehensive model of assessment. Prepared for *the Florida Department of Education Division of Accountability, Research and Measurement*. Pensacola, FL: University of West Florida.
- DiLoreto, M., Wheatley, K, Morganson, V. J., Assefa, J., O'Neill, S., McKinley, D., **Nguyen, G. N.**, & Kass, S. J. (2015). Visual Arts Education: Curriculum guidelines and comprehensive model of assessment. Prepared for *the Florida Department of Education Division of Accountability, Research and Measurement*. Pensacola, FL: University of West Florida.
- DiLoreto, M., Wheatley, K, Morganson, V. J., Assefa, J., O'Neill, S., McKinley, D., **Nguyen, G. N.**, & Kass, S. J. (2015). Race to the Top FLDOE developed student growth models for hard-to-measure course content areas (Music, Visual Arts, and Physical Education): Phase II. (Vol. III: References and Appendices). Prepared for *the Florida Department of Education Division of Accountability, Research and Measurement*. Pensacola, FL: University of West Florida.
- DiLoreto, M., Wheatley, K, Morganson, V. J., Assefa, J., O'Neill, S., McKinley, D., **Nguyen, G. N.**, & Kass, S. J. (2015). Race to the Top FLDOE developed student growth models for hard-to-measure course content areas (Music, Visual Arts, and Physical Education): Phase II. (Vol. II: Literature Review and Methods). Prepared for *the Florida Department of Education Division of Accountability, Research and Measurement*. Pensacola, FL: University of West Florida.
- DiLoreto, M., Wheatley, K, Morganson, V. J., Assefa, J., O'Neill, S., McKinley, D., **Nguyen, G. N.**, & Kass, S. J. (2015). Race to the Top FLDOE developed student growth models for hard-to-measure course content areas (Music, Visual Arts, and Physical Education): Phase II. (Vol. I: Recommendations and Implementation). Prepared for *the Florida Department of Education Division of Accountability, Research and Measurement*. Pensacola, FL: University of West Florida.

6 CONFERENCE PROCEEDINGS (REFEREED)

International (Invited Session)

- Tran, D., Ta, P*, Nguyen, A., Nguyen, D., & **Nguyen, G.-N. T.** (2016, July). Authenticity of modeling tasks and students' problem solving. Proceedings of *the 13th International Congress of Mathematics Education (ICME)*. Hamburg, Germany.

International

- Yang, H., Malisa, M., **Nguyen**, G.-N., Hu, S., Yeboah*, C., & Missedja*, T., M. (2020, March). Assessing Measurement invariance of mathematics self-efficacy between Chinese (Shanghai) and American Students [Paper presentation]. *International Congress on Mathematical Education*, Shanghai, China.
- Nguyen**, G.-N. T., Otto, B., Havard, B., & Thompson, C. (2016, July). *Impact of time spent on homework, motivation, and parental involvement on low-achieving students' success*. Proceedings of the *International Congress on Mathematical Education (ICME)*. Hamburg, Germany.
- Nguyen**, G.-N. T., & Otto, B. (2015, September). An early field experience to teach mathematics for elementary pre-service teachers: Online and face-to-face. Proceedings of the *Japan-U.S. Teacher Education Consortium*. Pensacola, FL.
- Nguyen**, G.-N. T. (2012, July). Diagnosing student motivation to learn mathematics: A form of teacher knowledge. Proceedings of the *12th International Congress on Mathematical Education (ICME)*. Seoul, Korea.

National

- Nguyen**, G.-N. T., Southerland, S., Golden, B., Enderle, P. J., Kostka, E., Roseler, K., & Uysal, S. (2011, April). Pedagogical discontentment and reform-based practice: Examining the influence of participation in a research experiences for teachers (RETs). Proceedings of the *American Educational Research Annual Conference*. New Orleans, LA.

7 PAPER PRESENTATIONS (REFEREED)

International

- Tran, D., **Nguyen**, G.-N. T., & Francisco, J. (Submitted). Participating in a lesson study model: What do primary preservice teachers attend to? *International Congress on Mathematical Education (ICME)*, Sydney, Australia.
- Yang, H., Liu, X., Malisa, M., & **Nguyen**, G.-N. T. (2021). A Bayesian multilevel regression analysis of the PISA data: Comparing informative and noninformative priors [Paper presentation]. *American Educational Research Association (AERA)*, Virtual.
- Otto, B., **Nguyen**, G.-N. T., & Havard, B. (2016, August). The crucial role of motivation for students at risk to drop out of school [Paper presentation]. *International Conference on Motivation (ICM)*, Thessaloniki, Greece.
- Nguyen**, G.-N. T., Otto, B., & Havard, B. (2016, June). The crucial role of parental involvement of students at risk for dropping out of school [Paper presentation]. *Self-Determination Theory Conference*, Victoria, Canada.
- Otto, B., **Nguyen**, G.-N. T., & Havard, B. (2016, June). Quantity of quality-Which is the key variable for low-achievers' school success [Paper presentation]. *Self-Determination Theory Conference*, Victoria, Canada.
- Thompson, C., & **Nguyen**, G.-N. T., (2015, April). Using classroom data to predict achievement in elementary mathematics [Research Session]. *National Council of Teachers of Mathematics Conference*, Boston, MA.
- Havard, B., & **Nguyen**, G.-N. T. (2014, November). Impact of technology in NAEP mathematics achievement [Paper presentation]. *Association for Educational Communications and Technology Conference*. Jacksonville, FL.
- Nguyen**, G.-N. T. (2013, June). Promoting Self-Determination Theory in teaching and learning mathematics for pre-service teachers [Paper presentation]. *Self-Determination Theory Conference*, Rochester, NY.
- Bahbah, S., Golden, B., Kostka, B., Mirici, S., & **Nguyen**, G.-N. T., (2012, March). *The impact of RETs on elementary and secondary grade level of teachers' views of scientific inquiry* [Paper presentation]. *National Association for Research in Science Teaching*. Indianapolis, IN.
- Roseler, K., **Nguyen**, G.-N. T., & Golden, B. (2012, March). When are teachers prepared to implement reform science practices? *National Association for Research in Science Teaching*, Indianapolis, IN.

National

- McMichen, D., & **Nguyen**, G.-N. T., (Sumitted). Career Pathway to High School Graduation: Motivation and Need Satisfaction through Self-Determination Theory Lense *Association of Teacher Educators (ATE) Conference*, Anaheim, CA.

- Le, P.-V., Bui, T. N., **Nguyen**, G.-N. T., & Nguyen, U. T. (2023, June). Backward design and problem-based learning in preparing teacher candidates [Paper presentation]. *the National Scientific Conference*, Quang Nam, Vietnam.
- Thompson, C. J. & **Nguyen**, G.-N. T. (2021, February). Empirically examining relationships between K-12 STEAM classroom observation data and student achievement [Paper presentation]. *Association of Teacher Educators Conference*, Virtual.
- Nguyen**, G.-N. T., Otto, B., Vannini, N., Thompson, C., & Katz, I. (2015, April). *Investigating changes in middle school students' motivation levels in mathematics*. *National Council of Teachers of Mathematics Research Conference*. Boston, MA.
- Diloreto, M., Stout, D., & **Nguyen**, G.-N. T. (2015, January). *The development of CARI: A model of assessment for educator preparation program*. [Paper presentation]. *Hawaii International Conference in Education*, Honolulu, HI.
- Thompson, C., & **Nguyen**, G.-N. T. (2013, April). Examining problem-based learning in graduate statistics for the social sciences [Paper presentation]. *National Council of Teachers of Mathematics Research Conference*, New Orleans, LA.

State/Regional

- Nguyen**, G.-N. T. & Tran, D. (2014, October). Student understanding of function concepts in K-16: Consistency and misconceptions [Paper presentation]. *Rocky Mountain Research Association Conference*, Pensacola, FL.
- Otto, B., **Nguyen**, G.-N. T., & Vannini, N. (2014, October). *The impact of personality and learning context on the motivation to learn in mathematics* [Paper presentation]. *Rocky Mountain Educational Research Association Conference*, Pensacola, FL.

8 THEMATICS PRESENTATIONS (REFEREED)

International

- Nguyen**, G.-N. T. (2024, January). Use of videos to support elementary pre-service teachers with mathematics lesson planning. *The 22nd Annual Hawaii International Conference on Education*, Waikoloa, HI.
- Thompson, C.J. & **Nguyen**, G.-N. T. (2024, January). Seniors aging along . *The 22nd Annual Hawaii International Conference on Education*, Waikoloa, HI.
- Parra, K. & **Nguyen**, G.-N. T. (2024, January). The FLASH method. *The 22nd Annual Hawaii International Conference on Education*, Waikoloa, HI.
- Malisa, M. Apogki, S., & **Nguyen**, G.-N. T. (2023, June). From conformity to self-determination: Examining female graduate students' pursuit of international education. *Self-Determination Theory Conference*, Orlando, FL.
- Nguyen**, G.-N. T. (2023, June). Graduate students' psychological needs in an online doctoral program. *Self-Determination Theory Conference*, Orlando, FL.
- Nguyen**, G.-N. T. (2022, February). Graduate students' psychological needs in an online doctoral program. *Self-Determination Theory Conference*, Orlando, FL.

National

- Nguyen**, G.-N. T. (2022, February). Elementary pre-service teachers' understanding of mathematical proficiencies: A case of rewriting a percent as a fraction [Conference Presentation]. *Association of Teacher Educators Annual Meeting*, Chicago, IL.
- Ballew*, E. B., & **Nguyen**, G.-N., T. (2022, January). Investigating inservice elementary teachers' mathematics efficacy [Brief research report]. *National Council Teachers of Mathematics Research Annual Conference*, Virtual.
- Nguyen**, G.-N. T., Sharma, R., Thompson, C. J. Marlow*, T. & Antah*, T., (2022, February). Prior learning assessment measures in the Florida State College System [Brief research report]. *Association of Teacher Educators Annual Meeting*, Chicago, IL.
- Nguyen**, G.-N., T. & Griffin*, J. (2021, February). Examine elementary pre-service teachers' mathematics beliefs through metaphors and their connection to their thinking process [Brief research report]. *Association of Teacher Educators Annual Meeting*, Virtual.

- Kaden, U. & **Nguyen**, G.-N., T.(2021, February). Teaching science and mathematics methods courses online: Tools and pedagogical strategies [Brief Research Report]. *Association of Teacher Educators Annual Meeting*, Virtual.
- Nguyen**, G.-N., T., Otto, B., Marlow*, T., & Soto-Delgado*, A. (2020, February 15-19). Pre-service teacher knowledge: Historical development of a mathematics topic [Brief research report]. *Association of Teacher Educators Annual Meeting*, Atlantic City, NJ.
- DiLoreto, M, **Nguyen**, G.-N. T., & Marlow*, T., (2019, February). Preparing graduate students to conduct research: Looking back to go forward [Brief research report]. *Association of Teacher Educators Annual Meeting*, Atlanta, GA.
- Mesa, J, & **Nguyen**, G.-N. T., & Marlow*, T.(2019, February). Pre-service teachers' development of teaching practices through micro teaching of STEM lessons[Brief research report]. *Association of Teacher Educators Annual Meeting*, Atlanta, GA.
- Nguyen**, G.-N. T., Fralick*, M., & Tobar*, M., (2018, February). Support and mentor pre-service teachers: Real-time coaching [Brief research report. *Association of Teacher Educators Annual Meeting*, Las Vegas, NV.
- DiLoreto, M., & **Nguyen**, G.-N., (2018, February). Assessing growth in Hard-to-Measure disciplines: Encouraging student participation in educational research [Brief research report]. *Association of Teacher Educators Annual Meeting*, Las Vegas, NV.
- Nguyen**, G.-N. T., Chandler, K., & Bartush*, P. (2017, February). Mathematical modeling for elementary teachers on variations of task [Brief research report]. *Association of Teacher Educators Annual Conference*, Orlando, FL.
- Nguyen**. G.-N. T., Clay*, W., Jackson*, H., & Rossi*, C. (2015, February). Listening to teacher in 2014 sharing our research findings of mathematics teaching today [Brief research report]. *Association of Teacher Educators Conference*. Phoenix, AZ.
- Nguyen**. G.-N. T., Tran, D., & Chudzynski, J. (2014, February). Fractio app: Supporting student's understanding of fraction concepts under the CCSSM era [Brief research report]. *Association of Teacher Educators Annual Meeting*, St. Louis, MO.
- Einfeld, D.M., & **Nguyen**, G.-N. T. (2013, January). Instructional interaction in a web-enhanced AP Calculus AB Course [Conference presentation]. *Association of Mathematics Teacher Educators Conference*, Orlando, FL.
- Nguyen**, G.-N. T. (2012, February). Re-examining student understanding of function concepts in Algebra: Where do we go from here? [Brief research report]. *Association of Teacher Educators Annual Conference*, San Antonio, TX.

State/Regional

- Bui, T., Le, P.-V., & **Nguyen**. G.-N. T. (2023, June). Diagnosing students' problem solving strategies through the task: How to make a star. *Florida Council of Teachers of Mathematics Annual Conference*, Orlando, FL.
- Nguyen**. G.-N. T. , Tran, D., & Chudzynski, J. (2013, October). Elementary mathematics apps from a learning trajectory perspective for Common Core [Conference presentation]. *Florida Council of Teachers of Mathematics Annual Conference*, Orlando, FL.
- Nguyen**, G.-N. T. (2010, October). Knowledge of students and enactments of motivational strategies in teaching the concept of function [Conference presentation]. *Florida Association of Teacher Educators Annual Conference*, St. Petersburg, FL.

9 POSTER PRESENTATIONS (REFEREED)

International

- Morse, T., & **Nguyen** G.-N. T. (2023, November). Validation of a response prompting strategy to teach basic addition facts [Poster Submitted]. *Division for Early Childhood's Annual International Conference*, Minneapolis, MN.
- Yang, H., Malisa, M., **Nguyen**, G.-N., Hu, S., Yeboah*, C., & Missedja*, T., M. (2020, March). Assessing measurement invariance of PISA 2012 Mathematics Self-Efficacy scale between Mexico and the US Students: A multi-group confirmatory factor analysis [Poster presentation]. *Comparative International Education Society Annual Meeting*, Miami, FL.

Roseler, K., **Nguyen**, G.-N.T., & Golden, B. (2012, July). A summary of impacts of two distinct Research Experiences for Teachers (RET) programs [Poster presentation]. *American Educational Research Annual Conference*, Vancouver, Canada.

National

Nguyen, (2023, October). A model for Mentoring doctoral students through different stages in an online program *Carnegie Project on the Education Doctorate (CPED)*, Pensacola, FL.

Nguyen, G.-N., Johnson, M., & Antah, T., (2023, March) Elementary pre-service teachers' psychological needs in learning to teach mathematics [Roundtable Session]. *Association of Teacher Educators Annual Conference- Students in Teacher Education*, Jacksonville, FL.

Ballew*, E. B., & **Nguyen**, G.N., T. (2023, February). Exploring the mastery experiences of female elementary mathematics teachers influences toward teaching mathematics [Brief research report]. *Association of Mathematics Teacher Educators Annual Conference*, New Orleans, LA.

Soto-Delgado*, A., **Nguyen**, G.-N., T., & Marlow*, T. (2020, February 15-19). What influences one to study a mathematics topic: Voices from 50 pre-service elementary teachers [Roundtable session]. *Association of Teacher Educators Annual Meeting*, Atlantic City, NJ.

Nguyen, G.-N. T., Otto, B., & Marlow*, T. (2019, April). Researching mathematics for pre-service elementary teachers: A reflection [Poster presentation]. *National Council of Teachers of Mathematics Research Conference*, San Diego, CA.

Nguyen, G.-N. T. & Clark, K., M. (2011, October).Teacher knowledge of students and enactment of motivational strategies in teaching the concept of function [Poster presentation]. *North American Chapter of the International Group of Psychology of Mathematics Education Annual Conference*, Reno, NV.

State/Regional

Havard, B., & **Nguyen**, G.-N. T. (2015, January). Impact of technology in NAEP mathematics achievement [Poster presentation]. *Florida Educational Technology Conference*, Orlando, FL.

Nguyen, G.-N. T., McClinnis, M., & Fleming, K. (2014, October). Mathways to Success: Increasing STEM career awareness through mathematics inquiry [Poster presentation]. *Rocky Mountain Research Association Annual Meeting*, Pensacola, FL.

10 PRESENTATIONS (NON-REFEREED)

National

Nguyen, G.-N. T. (2013, January). Supporting pre-service elementary teachers in early field experience. [Poster presentation]. *Service Teaching and Research (STaR) Re-group at the Association of Mathematics Teacher Educators*, Orlando, FL.

State/Regional

Williams, L. & **Nguyen**, G.-N., T. (2020, February).Performance-based funding: Its influence on faculty who teaches mathematics Courses [Conference presentation]. *Florida Mathematics Association of America Annual Meeting*, Pensacola, FL, U.S.

Nguyen, G.-N. T. (2012, November). My teacher didn't tell me: I explored it with GeoGebra [Paper presentation]. *Florida Chapter of Mathematical Association of America Conference*, Pensacola, FL.

11 PROFESSIONAL DEVELOPMENT/WORKSHOP/SYMPOSIUM PROVIDED

National

Zhang, S., Zimmerman, A., Prather-Jones, B., Green, L., Hutchison, L., Byrd, M., **Nguyen**, G.N., Yeigh, M., Rigney, J., McGrail, W., & Darden, M. (2023). The history of the ATE distinguished research in teacher education award: Learning from the past and looking ahead [Symposium presented]. *Association of Teacher Educators Annual Conference-Students in Teacher Education*, Jacksonville, FL.

Nguyen, G.N., Malisa, M., Yang, H., Thompson, C., Musto, T., Miller, M., Kpoli, S., Abrokwa, & J., Antah, T., (2023). Supporting doctoral students in an online program: Understand their needs

to provide support [Symposium presented]. *Association of Teacher Educators Annual Conference-Students in Teacher Education SIG*, Jacksonville, FL.

Zhang, S., Zimmerman, A., Prather-Jones, B., Green, L., Hutchison, L., Byrd, M., **Nguyen**, G.N., Yeigh, M., Rigney, J., McGrail, W., & Darden, M. (2023). The history of the ATE distinguished research in teacher education award: Learning from the past and looking ahead [Symposium presented]. *Association of Teacher Educators Annual Conference-Students in Teacher Education*, Jacksonville, FL.

Thompson, C. J., & **Nguyen**, G.N., T. (2022). Role of the IRB (Institutional Review Board) in teacher education research [Workshop presented]. *Association of Teacher Educators Annual Conference-Students in Teacher Education SIG*, Chicago, IL.

Nguyen, G.-N. T., Tran, D., & Chudzynski, J. (2014, February). Fractio App: Supporting student's understanding of fraction concepts under the CCSSM era [Workshop presented]. *Association of Teacher Educators Annual Conference*, St. Louis, MO.

State/Regional

Mesa, J., **Nguyen**, G.-N. T., & Gaudette, M. (2015, October). Speedy turtle: Using Probeware and practices to learn about motion [Workshop presented]. *Florida Association of Science Teachers*, Tallahassee, FL.

12 EXTERNAL GRANTS (Funded)

(2021) A continuous coaching model for high school computer science teachers. *National Science Foundation*, [\$300,000.00] Role: Co-Principal investigator.

(2019) Examination of prior learning assessment measures used in Florida State College System. *American Institutes for Research*, [\$25,000.00]. Role: Principal investigator.

(2014) Race to the top: FLDOE developed student growth models for hard-to-measure course content areas: Phase II. *Florida Department of Education*, [\$290,215.00]. Role: Co-Principal investigator

13 INTERNAL GRANTS (Funded)

(2016) STEM Microteaching. *UWF Quality Enhancement Project*, [\$5000.00]. Role: Co-Investigator

(2014) Faculty internationalization grant (FIG) program. *UWF Office of Diversity and International Education and Programs (ODIEP)*, [\$4000.00]. Role: Principal Investigator

(2014) Reciprocal faculty internationalization. *UWF Office of Diversity and International Education and Programs (ODIEP)*, [\$1000.00]. Role: Co-Principal Investigator

(2014) Mentoring undergraduate student research. *UWF Office of Undergraduate Research*, [\$100]. Role: Faculty Mentor

(2013) Pathways to success: Increasing STEM career awareness thru mathematics inquiry. *UWF Pace Academic Development Program*, [\$27,970]. Role: Principal Investigator

(2013) Enhance student access through distinctive learning experience and mentoring extended research in teaching (MeRiT), *UWF Instructional Technology Enhancement Project*, [\$85,606]. Role: Principal Investigator

(2013) Unpacking student mathematics understanding and motivation. *UWF Office of Graduate Studies Scholarly and Creativity Grant*, [\$1,904.85]. Role: Principal Investigator

(2012) *TeachLive*. *Bill & Melinda Gates Foundation* (through University of Central Florida Foundation, [\$8,000 of \$1,500,000]). Role: Researcher

(2012) Improving the current state of instructional technology in teacher preparation. *UWF Instructional Technology Enhancement Project*, [\$34,870]. Role: Principal Investigator

(2012). Mentoring undergraduate student research. *UWF Office of Undergraduate Research*, [\$1,000]. Role: Faculty Mentor

14 INTERNAL GRANTS (Not-Funded)

(2018) College of Education and Professional Studies (CEPS) Research Pool. *UWF Instructional Technology Enhancement Project*. [\$37,100]. Role: Principal Investigator

15 EXTERNAL GRANTS (Not-Funded)

- (2021) An RPP and Sustainable Coaching Model for Continuous Support for Computer Science Teachers at the High School Level. *National Science Foundation*. Role: Co-Principal Investigator.
- (2019) GE: Integrated transformative approach to a research-based collaborative Ph.D. program in intelligent systems and robotics. *National Science Foundation*. Role: Co-Principal Investigator
- (2019) Bringing oceans to classrooms: A smart marine habitat system to advance STEM and ICT skills and attitudes of students and teachers. *National Science Foundation*. Role: Co-Principal Investigator
- (2019) Teachers as Learners Facilitating Communication in K-12 STEAM (Science, Technology, Engineering, Art, and Mathematics) Classrooms. *James S. McDonnell Foundation*. Role: Co-Principal Investigator
- (2018) Establishing, Sustaining, and Validating a K-12 School District STEAM Initiative for Building a STEAM Culture and Improving Students' Cognitive and Affective Outcomes: Researcher-Practitioner Partnership. *Institute of Education Sciences (IES)*. Role: Co-Principal Investigator
- (2017) Cultivating IRB Cultures among Institutions of Higher Education for Moving IRB Best Practices to the Fingertips of Faculty and Students. *National Science Foundation (NSF)*, [396,915] Role: Co-Principal Investigator
- (2017) Gulf coast teacher residency program (GC-TRP). *US Department of Education: Supporting Effective Educator Development (SEED)*, [\$1,583,345]. Role: Co-Principal Investigator
- (2016) Empower Elementary STEM Teachers in Early Field Experience through Coaching and Mentoring: Common STEM Effective Teaching Practices. *Spencer Foundation*, [\$49,820]. Role: Principal Investigator
- (2014) Gadsden's got talent: Identifying and nurturing non-cognitive influences for preparing future engineers, [\$1.5 million]. *National Science Foundation (NSF)*. Role: Co-Principal Investigator
- (2013) Prayaga, L. (PI), Amin, R., Geng, X., Havard, B., Liu, J., Nguyen, G. N., Pecore, J., Prayaga, C., Ramachandran, B., Wade, A., & Whiteside, A. (Co-PI), Professional Development for STEM Teachers using Discovery Labs (PDSTD L). 2014-2017 K-12 Mathematics and Science Partnership (MSP) STEM Year 1 of 3. *Florida Department of Education*, [\$1,249,501].

16 HONORS AND AWARDS

Faculty Outstanding Research Award, <i>UWF College of Education and Professional Studies</i>	2020
Faculty Teaching Award, <i>UWF College of Education and Professional Studies</i>	2016
Participant, <i>UWF Grant, Research, Operation Writing (GROW) Institute Program</i>	2016
Emerge Scholar, <i>UWF College of Education and Profession Studies (CEPS)</i>	2013-2015
Nominated for Distinguished Dissertation Research, <i>FSU Marvalene Hughes Research Conference</i>	2011
NSF Fellowship, Research for Experienced Teachers, <i>Florida State University</i>	2010-2011

Other Honors and Award:

Gates Millennium Scholarship, <i>Florida State University</i>	2001-2010
Graduate Fellowship, <i>Florida State University</i>	2008
Graduate Assistantship, <i>Florida State University International Center</i>	2005
Florida Bright Futures Merit Scholarship, <i>Florida State University</i>	2001-2004
Coite and Mildred Hill Foundation Scholarship, <i>Florida State University</i>	2001

17 DOCTORAL STUDENTS DIRECTED

Doctoral Committee Role: Chair (13)

1. Brooke Ferra	2023-Present
2. Jennifer Sewell	2023-Present
3. Jennifer Gordon	2023-Present
4. Mary Von Merveldt	2023-Present

5. Donna McMichen	2022-Present
6. Deanna Miller	2022-Present
7. Mary Sylvester	2021-Present
8. Mercedes Musto	2021-Present
9. Paul Maldonado	2021-Present
10. Joseph Luc	2021-Present
11. Daniel Martiner	2019-Present
12. Brenda Garcia	2019-Present
13. Tiffany Marlow	2019-Present

Serving Role: Content Expert, Currently (3)

1. Jennifer Griffin, <i>Content Expert</i>	2021-Present
2. Karina Iber, <i>Content Expert</i>	2021-Present
3. Elisabeth Ballew, <i>Content Expert</i>	2019-Present
4. Jess Dyess, <i>Content Expert</i>	2017-2021
5. William Veczko, <i>Content Expert</i>	2017-2019
6. Deepanie Goonatilleke, <i>Content Expert</i>	2018-2019

Serving Role: Methodologist, Current (4)

1. Jennifer Griffin	2021-Present
2. Sherry Ponds	2021-Present
3. Gregory Heathco	2019-Present
4. Maggie Byrns	2021-Present
5. Justin Cannady	2018-2019
6. Ashley Moore	2017-2019
7. Ellen Gilmer	2017-2019

Doctoral Students Graduated (10):

- Zambesi, A. (2019-2022). *Examining relationships among undergraduate precalculus students' mathematical mindsets, satisfaction, and success.*
- Johnson, H. (2017-2021). *Mathematics learning support center visits and college students' mathematics anxiety and self-efficacy*. Committee Role: Content Expert
- Morris, R. (2017-2021). *Examining eighth-grade students' career decision-making: Self-Determination Theory and cognitive information processing*. Committee Role: Methodologist
- Hollinger, L. (2017-2021). *Responsive evaluation of a community college mathematics laboratory: A dissertation in practice*. Committee Role: Content Expert
- Guy, T. (2017-2021). *Basic psychological needs of emerging educational leaders relative to effective leadership practices*. Committee Role: Content Expert
- Weirick, C. (2017-2019). *Assessing multiple placement methods for college mathematics at a two-year college*. Committee Role: Content Expert
- Schamber, W. D. (2018, November). *Relating student perceptions of parent attitudes to student motivation for learning mathematics*. Committee Role: Dissertation Chair

- Bishop, A. (2018). *Exploring student persistence factors among undergraduate college students: Student intent and departure*. Committee Role: Member
- Kollar, E. (2016, February). *Self-Determination Theory: Exploring factors of academic persistence among first-generation college students*. Committee Role: Member
- Einfeld, D., M. (2014, February). *Learner-content, learner-instructor, and learner-learner interactions in a web-enhanced, internet video conference AP Calculus course*. Committee Role: Content

18 UNDERGRADUATE RESEARCH PROJECTS

Funded Project

- Fleming, K. (2013, October). Visual representation between basic trigonometric functions and the unit circle[Travel Grant]. *Florida Council of Teachers of Mathematics Conference*, Orlando, FL, [\$650]. Role: Faculty Mentor
- McClinnis, M. (2013-2014). Extrinsic motivation and mathematics learning. *UWF Office of Undergraduate Research*. [\$350]. Role: Faculty Mentor
- Williams, M. (2013-2014). Reaching beyond a career. *UWF Office of Undergraduate Research*. [\$650]. Role: Faculty Mentor
- Rosado, D. S. (2013-2014). Strategies to promote mathematics proficiency students. *UWF Office of Undergraduate Research*. [\$600]. Role: Faculty Mentor
- Henry, R., & Sufnar, A. (2013-2014). Language of mathematics for autism spectrum students (LMASS). *UWF Office of Undergraduate Research*. [\$900]. Role: Faculty Mentor
- Cooper, D. (2012). Fostering motivation. *UWF Office of Undergraduate Research*. [\$2,000]. Role: Faculty Mentor

Other undergraduate research directed

- Stilson, K. , M., & Kearney, K. (2017). Teaching unknown: Teaching students to use variables [Poster Presentation]. *UWF Office of Undergraduate Research Student Scholar Symposium*. Role: Faculty Mentor
- Fralick, M. & Tobar, M. (2016-2017). An introduction to mathematical modeling and open ended questions for pre- service teachers [Poster Presentation], *UWF Office of Undergraduate Research Student Scholar Symposium*. Role: Faculty Mentor

Department Best Undergraduate Awards (by OUR Office)

- Bartush, P. (2016, April). The majestic dragon [Poster Presentation]. *UWF Student Scholar Symposium*. Role: Faculty Mentor
- Jackson, H. (2015, April). Exploring strategies for teaching integers [Poster presentation]. *UWF Office of Undergraduate Research Student Scholar Symposium*. Role: Faculty Mentor
- Henry, R., & Sufnar, A. (2014, April). Language of mathematics for autism spectrum students (LMASS) [Poster Presentation]. *UWF Office of Undergraduate Research Student Scholar Symposium*. Role: Faculty Mentor
- Fleming, K. (2013, April). Visual representation between basic trigonometric functions and the unit circle [Poster Presentation]. *UWF Office of Undergraduate Research Student Scholar Symposium*. Role: Faculty Mentor
- Cooper, D., Green, S., Trevino, C., Crooke, L., Duke, T., Beck C., & Nguyen. G. (2012, April). The power of one. *UWF Undergraduate Scholar Symposium*. Role: Faculty Mentor

19 OTHER RESEARCH EXPERIENCE

Florida State University, Tallahassee, FL

2010-2011

Department of Biological Science

National Science Foundation (NSF) Grant Project, Research Experiences for Teachers (RETs)

Research Assistant

- Investigate the relationship between the RTOP (Reformed Teacher Observation Protocol) and Pedagogical Discontentment Instrument
- Provided analysis to investigate the impact of the RET Professional Development on how teachers taught science through inquiry
- Coordinated, documented, and reported collaborative activities between teachers and scientists at the National High Magnetic Lab
- Facilitated focus group discussions among in-service science teachers

Florida State University, Tallahassee, FL 2008-2009
 School of Teacher Education
Graduate Research Assistant

- Analyzed educational survey data using statistical software
- Provided analysis to investigate the correlation between teacher experience and background, and integration of technology in the classrooms

Florida State University, Tallahassee, FL 2002
 Department of Mathematics
Undergraduate Research Assistant

- Assisted with research to investigate the human brain using computational mathematical tools
- Processed medical MRI data for subsequent analysis
- Carried out data processing in a Linux environment using in-house software
- Assisted with the organization of the Discrete Geometry Conference in May 2002

20 SERVICE TO THE INSTITUTION

University Level

Provost Position, <i>Search Committee Member</i>	2022
Faculty Sponsored Merit Scholarship, <i>CEPS Representative</i>	2022
Office of Undergraduate Research, <i>Project Proposal Reviewer</i>	2017-Present
Professional Studies Librarian Faculty Position, <i>Search Committee Member</i>	2018
Office of Undergraduate Research (OUR) Advisory Board, <i>Member</i>	2017-Present
Institutional Review Board (IRB), <i>Member</i>	2013-Present
Educational Research Center for Child Development (ERCCD), <i>Faculty Representative</i>	2013-Present
Office of Undergraduate Research, <i>Funding Proposal Reviewer</i>	2015-Present
Zeta Psi Eta, <i>Faculty Advisor</i>	2015-2017
Northwest Florida Regional Science Olympiad, <i>Scorer</i>	2015
BEST Robotics Competition, <i>Researcher</i>	2013-2014
Undergraduate Symposium Planning Committee, <i>Event Volunteer</i>	2012-Present
Responsible Conduct of Research Task Force, <i>Steering Committee</i>	2011-2012

College Level

Explore UWF, <i>Faculty Representative</i>	2021-2022
Professional Education Council (PEC), <i>Member</i>	2021-Present
Information Technology Planning and Advisory Committee, <i>CEPS Rep.</i>	2017-2018
College of Education and Professional Studies (CEPS) Council, <i>Department Rep.</i>	2016-2017
Ed.D. Committee, <i>Member</i>	2012-2015
Ed.D. Committee, <i>Member</i>	2016-Present
Phi Delta Kappa, <i>Vice President of Membership</i>	2013-2014

Department Level

TESOL Position, <i>Chair Search Committee</i>	2022
Continuous Improvement Team, <i>Chair</i>	2022-Present
Scholarship Committee, <i>Member</i>	2020-Present
STEM/Technology Faculty Specialist Group	2019-Present
Candidate Remediation Specialist Group	2019-Present
Omicron Delta, UWF Chapter of Kappa Delta Pi, <i>Faculty Councilor</i>	2019-Present
Elementary Education Undergraduate Committee	2019-Present
Graduate Committee	2017-2019
Academic Review Committee	2017-Present
Department Chair Position, <i>Search Committee</i>	2016
Creating achievement through a System or tiered support (CAST), <i>Facilitator</i>	2015-2016
Workshop: Integrating technology into teaching ESOL	2015
Workshop: Integrating technology into teaching English language acquisition	January, 2015
Workshop: Integrating mobile app. into teaching STEM subjects	December, 2014
Workshop: iPads for beginners and integrating mobile apps. in class	November, 2014
Undergraduate Curriculum Ad Hoc Committee, <i>Member</i>	2011-2012
Florida Teacher Certification Examination, <i>Mathematics Tutor</i>	2011-Present

21 SERVICE TO THE COMMUNITY

Professional Professional Training/ Workshop Provided

- Nguyen, G.-N. T.**, (2022, Spring) Choosing mathematical tasks for productive classroom discourse [Workshop presentation]. *Dixon School of Arts and Science*, Pensacola, FL.
- Stark, J., & Nguyen, G.-N. T.**, (2021, Spring). Encouraging and motivating [Workshop presentation]. *Escambia County School District Foundation*, Pensacola, FL.
- Mesa, J., & Nguyen, G.-N. T.** (2014, October). Analyze student work for science and mathematics teachers [Workshop presentation]. *Pine Meadow Elementary*, Pensacola, FL.
- Nguyen, G.-N. T., & Heubach, R.**, (2014, November). iPad beginners and integrating mobile apps in class [Workshop presentation]. *UWF College of Professional Studies*, Pensacola, FL.
- Heubach, R., Eaton, H., & Nguyen, G.-N. T.** (2014, August). Class with Apps [Workshop Presentation]. *Escambia County ESOL Teacher Training*. Pensacola, FL.
- Nguyen, G.-N. T.** (2013, November). Technology resources for middle and secondary STEM teachers [Workshop Presentation]. *National Flight Academy Aerospace workshop: Developing an Immersive Teacher Experience*, Pensacola, FL.
- Nguyen, G.-N. T., & Einfeld, D.** (2013, May). Teaching mathematics with GeoGebra Dynamic Software [Workshop Presentation]. *Innovative Teaching and Technology Summit*, Pensacola, FL.
- Nguyen, G.-N. T., & Green, S.** (2010, April). SMART Board and iPad training [Workshop presentation]. *UWF College of Professional Studies* Pensacola, FL.

Other Service in the School District

Pine Forest High School, <i>School of Education Representative</i>	Fall 2023-Present
Dixon School of Arts and Science, <i>Mathematics Tutoring</i>	Fall 2021
Take Stock in Children, <i>Mentor</i>	Fall 2021-Present
Escambia County School District (Vertical Alignment)	2019-Present
Pine Forest High School (Mathematics classes)	2019-2020
After School Tutoring with INERTIA Program (Ensley Elementary)	2019-Present
Mathematics Tutoring, Ferry Pass Elementary School	2016-2017
Mathematics Tutoring, Reinhardt Holm Elementary	2016
Coaching Mathematics for Sunshine Math Competition, Reinhardt Holm Elementary	2016
Pensacola High School Invitational Mathematics Competition	2014
Mathways to Success: Increasing STEM Career Awareness	2013-2014
Pensacola High School Science Fair Judge	2013
West Florida High School Science Fair Judge	2013
Sunshine Math Competition, Escambia School District	2013
Coaching Mathematics for Sunshine Math Competition, C.A. Weis Elementary	2012

Professional Development on Problem Based Learning, C.A. Wels Elementary	2012
Mathematics Tutoring and Intervention, Ferry Pass Elementary	2012-2013
Mathematics Tutoring and Intervention, Brentwood Elementary	2011-2013

Other Services in the Community

United Way of Escambia, <i>VITA Tax Preparer</i>	2017-Present
Dieu De Temple, <i>Vietnamese Teacher</i>	2012-Present temize

22 SERVICE TO THE PROFESSION

Journal/Book Reviewer

Journal of Assessment in Higher Education <i>Editorial Board</i>	2021-Present
European Journal of Educational Research <i>Reviewer</i>	2021-2022
Council on Undergraduate Research <i>Co-editor of Newsletter,</i>	2020-2021
Scholarship and Practice of Undergraduate Research (SPUR)	2020-Present
Asian Education and Development Studies	2020-Present
International Journal of Research in Education and Science (IJRES)	2019-Present
Beta: Jurnal Tadirs Matematika, <i>Reviewer/Editorial Team</i>	2019-Present
Mathematics Teaching in the Middle School, <i>Journal Reviewer</i>	2013-2014
National Council of Mathematics Teachers, <i>Book Reviewer</i>	2013

Organizations

Association of Teacher Educators, Distinguished Research in Education, <i>Co-Chair</i>	2023-Present
Association of Teacher Educators - Research Committee, <i>Member</i>	2022-Present
Association of Teacher Educators Annual Conference (ATE) <i>Session Discussant</i>	2022
ATE - Students in Teacher Education SIG, <i>Session Organizer</i>	2017-Present
Rocky Mountain Educational Research Annual Conference, <i>Steering Committee</i>	2014
GeoGebra Institute of Northern Gulf Coast, <i>Chair</i>	2012-Present
Council of Undergraduate Research, <i>Councilor of Education Division</i>	2017-Present

Conference Proposal Reviewer

American Educational Research Association, Division 8	2019-2020
International Congress on Mathematics Education 13th Conference	2016
Association of Mathematics Teachers Annual Conference	2011-Present
International Group of Psychology of Mathematics Education (USA)	2011-2013
Florida Association of Teacher Educators Annual Symposium, <i>Co-Chair</i>	2011

Professional Leadership Role

Association of Teacher Educators, Distinguished Research in Education, <i>Co-Chair</i>	2023-Present
Association of Teacher Educators, <i>Chair</i> , Students in Teacher Education SIG	2018-Present
Council on Undergraduate Research, <i>Education Division Councilor</i>	2017-Present

23 OTHER PROFESSIONAL SERVICE

Gates Millennium Ambassador, <i>Regional Speaker</i>	2009-2015
Gates Millennium Scholar Alumni Association Advisory Council, <i>Regional Advisor</i>	2010-2011
FSU ESOL Faculty Hiring Committee, Tallahassee, FL <i>Graduate Student Representative</i>	2011
Gates Millennium Leadership Conference, <i>Invited Participant and Co-Presenter</i>	2010
Gates Millennium Leadership Conference, <i>Invited Participant and Co-Facilitator</i>	2009
Tallahassee Community College, <i>ESOL Teacher Assistant</i> ,	2010
Long Van Temple, <i>Volunteer</i>	1998-2011
FSU Vietnamese Student Association, <i>President</i> ,	2004-2005

FSU Vietnamese Student Association, <i>Co-founding member</i>	2003-2004
Florida State University Student Actuary Society, <i>Vice President</i>	2003

24 PROFESSIONAL DEVELOPMENT PARTICIPATED

B.E.S.T Standard Professional Learning, <i>Participant</i>	Summer 2023
B.E.S.T Standard Professional Learning, <i>Participant</i>	Summer 2022
Florida Department of Education - ACCUPLACER	Spring 2022
Magna Monday Mentoring, <i>Participant</i> , UWF AXIS Office	Spring 2022
Universal Design Design for Learning, <i>Participant</i> , University of West Florida	2021
B.E.S.T. Standard Institute, <i>Participant</i> , Florida Department of Education	2021
Ethical Research Oversight Course, <i>Participant</i> , Public Responsibility in Medicine and Research	2019
Coaching Digital Learning, <i>Participant</i> , North Carolina State University	2017
Universal Design for Learning, <i>Participant</i> , UWF	2015-2016
Quality Matters, <i>Peer Reviewer</i> , UWF	2013-2014
National Flight Academy Workshop for Teachers, <i>Faculty Coordinator</i> , Pensacola	2012-2013
NSF Fellowship: Service Teaching and Research (STaR) Summer Institute, Park City, UT	2012
What is your Scholarly Impact, <i>Participant</i> , UWF	2012
Research Design and Evaluation Workshop, UWF	2013
Preparing for Tenure, Promotion, and Annual Evaluation, <i>Participant</i> , UWF	2012
National Flight Academy Workshop for Teachers, <i>Faculty Coordinator</i> , Pensacola	2011-2012
National Flight Academy STEM Workshop, <i>Participant</i> , Pensacola, FL	2011-2012
Mentoring Student Research <i>Participant</i> , UWF CUTLA	2011
Southern Regional Education Board (SREB), <i>Invited Participant</i>	2008-2011
Advanced Faculty Adjunct Program, <i>Mathematics Adjunct Professor</i> , TCC	2008
Academy of Teaching, Learning, and Success, <i>Mathematics Adjunct Instructor</i> , TCC	2008

25 PROFESSIONAL AFFILIATIONS

Florida Council of Teachers of Mathematics
 Council of Undergraduate Research
 Association of Teacher Educators
 National Council of Teachers of Mathematics
 Association of Mathematics Teacher Educators
 North American Chapter of the International Group for the Psychology of Mathematics Education
 Association of Teacher Educators

26 PRODUCTS

Fractionville (iPad Application) <i>Co-developer</i>	2013
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27 OTHER TEACHING EXPERIENCE

Blue Angels Elementary Third Grade Math, <i>Co-Teacher</i>	2016-2017
Florida State University	2009-2010
<ul style="list-style-type: none"> • Assisted the instructor in mathematics methods courses for undergraduates and graduates. • Facilitated class discussions in mathematics problem solving methods course. 	
Tallahassee Community College Division of Academic Support, <i>Mathematics Tutor</i>	2005-2009

- Provided assistance to students enrolled in mathematics courses offered at the college.
- Used MathZone and ALEKS (Assessment and Learning in Knowledge Spaces) Software, Plato Academic System and Eduspace Software.

Florida State University 2009
Athletic Department, *Mathematics Tutor*

- Provided assistance to student athletes in mathematics and statistics.

Rollins College 2002
Upward Bound Pre-Collegiate Program, *Mathematics and Science Tutor*

- Provided assistance to students taking courses in mathematics and science.

28 INVITED LECTURES

Nguyen, G.-N. T. (2022, February). Guided Discovery Lesson in Mathematics Instructions. Presented in *the Classroom Assessment at the University of West Florida*, Pensacola, FL.

Nguyen, G.-N. T. (2013, December). Mobile apps for classroom assessment. Presented in *the Planning Instructions Course at the University of West Florida*, Pensacola, FL.

Nguyen, G.-N. T. (2009, October). Qualitative data coding: Understanding pre-service teachers' experiences in an undergraduate mathematics problem solving course. Presented in *the Qualitative Research and Evaluation Methods Course at Florida State University*, Tallahassee, FL.

29 COURSE TAUGHT/COURSE DEVELOPED

University of West Florida

Graduate Courses Taught:

EDG 8990: Final Dissertation Seminar
EDG 6662: Principal of Curriculum and Instruction
EDG 6916: Applied Research/Action Research
EDG 6918: Introduction to Educational Research
EDG 5366: Investigate Strategies and Empirical Foundations in Learning and Development
EDE 5290: Integrated Curriculum and Instruction/Elementary Education
EDE 5342: Effective Teaching and Instruction

Undergraduate Courses Taught:

EDG 4373: Elementary and Special Education Integrated Arts
MAE 4310: Teaching Mathematics in the Elementary School (K-6)
MAE 4320: Teaching Mathematics in the Middle and Secondary Schools
MAE 4657: Mathematics for the 21st century
EDE 4200: Planning and Curriculum I
EDG 3945: Field Experience 1
MTG 3203: Elementary Geometry
EDF 2085: Teaching Diverse Population
EDF 1055: Introduction to Education
MAT 1033: Intermediate Algebra

Courses Developed:

EDG 6918: Introduction to Research
EDG 6918: Applied Research
MAE 4310: Teaching Math in the Elementary School
EDG 3945: Field Experience 1

EDE 4200: Field Experience 1

Tallahassee Community College

MAC 1105: College Algebra

MGF 1107: Liberal Arts Mathematics II

MAT 1033: Intermediate Algebra

STA 2021: Introductory Statistics

MAT 0002: Basic Mathematics

MAT 0024: Elementary Algebra

Florida State University:

MAE 4816: Elements of Geometry

MAE 4657: Using Technology in Teaching Mathematics