DIEGO CALLE

2003 Wintergreen way, Mt Juliet TN 37122 diegocalle8@hotmail.com

SUMMARY OF QUALIFICATIONS

PhD and Master Science in Mathematics. Research in Banach Space Theory. Over 30 years of experience teaching Undergraduate and High School Mathematics Courses showing high levels of responsibility, ethics and commitment to the work duty.

PROFESSIONAL SKILLS

- 1. Demonstrated ability to teach Undergraduate Math Courses.
- 2. Prepared course material including Lectures and Exams using Latex.
- 3. Experienced with MyMathLab.
- 4. Efficient in Remote Instruction.

EDUCATION

University of Memphis

August 2013 - May 2020

PhD in Mathematics

Dissertation: Unique maximal ideal in the algebra $\mathcal{L}((\sum \ell_q)_{c_0})$, with $1 < q < \infty$. Published in

ProQuest LLC.

Dissertation Advisor: Dr. Bentuo Zheng.

Memphis, Tennessee.

Middle Tennessee State University

August 2010 - December 2012

Master in Science

Murfreesboro, Tennessee.

Universidad del Valle

August 1982 - July 1988

Bachelor degree in Mathematics and Physics

Cali, Colombia.

WORK HISTORY

Virginia Tech

August 2020 - December 2021 Blacksburg, Virginia

Instructor

· Calc I,II Instructor.

University of Memphis

Graduate Teaching Assistant

August 2013 - May 2020 Memphis, Tennessee

- · Undergraduate instructor.
- · Math Lab Center tutor.
- · Grading duties.
- · Professor's assistant in the Calculus courses.
- · NSF grant 1821619 mentor.

Middle Tennessee State University

Graduate Teaching Assistant

August 2010 - December 2012 Murfreesboro, Tennessee

- · Undergraduate instructor.
- · Math Lab Center tutor.

Universidad Nacional de Colombia

University Instructor

· Undergraduate instructor.

Universidad del Valle August 2014 - December 2014

University Instructor Cali, Colombia

August 2014 - December 2014

Palmira, Colombia

· Undergraduate instructor.

Colegio Comercial Mixto Incanof August 1987 - January 2005

Teacher Palmira, Colombia

Principal. Teacher in the middle and high school levels.

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Colegio San José del Ávila
September 1989 - June 1991
Teacher
Palmira, Colombia

· Teacher in the middle school level.

Institución Educativa Sagrada Familia September 1991 - June 1996
Teacher Palmira, Colombia

· Teacher in the middle and high school levels.

UNDERGRADUATE COURSES TAUGHT

Fundamental of Mathematics

Essentials of Mathematics
Calculus I
Foundations of Mathematics
College Algebra
Calculus II
Trigonometry
Linear Algebra

AWARDS

- 1. Recipient of the Department Outstanding Teaching Award. Memphis, Tennessee, May 2016.
- 2. Nominated by the Mathematical Sciences Department to the Graduate Assistant Meritorious Teaching Award. Memphis, Tennessee, February 2017.

CONFERENCES ATTENDED

- 1. Fifth Hands on Workshop, Center for Cancer Systems Biology at Vanderbilt University. Nashville, Tennessee, August 2011.
- 2. The minimum Randic Index of Bicyclic Graphs with K Pendent Vertices. Murfreesboro, Tennessee, September 2011.
- 3. Beyond Persistence: New Models of Cell Motility. Murfreesboro, Tennessee, October 2011.
- 4. Basic Concepts of Numerical Analysis explained by Simplest Class of Stochastic Runge-Kutta Methods for SDES. Murfreesboro, Tennessee, November 2011.
- 5. Graphene and its Irradiation by Hydrogen. Murfreesboro, Tennessee, February 2012.

- 6. Nowhere Zero 3-Flows of Graphs and Odd Edge Cuts. Murfreesboro, Tennessee, April 2012.
- 7. Problems and Recent Methods in Operator Theory. Memphis, Tennessee, October 2015.
- 8. Methods in Operator Theory and Applications. Memphis, Tennessee, April 2017.
- 9. Recent Trends in Operator Theory and Applications. Memphis, Tennessee, May 2018.
- 10. International Conference on Mathematics and Statistics. Memphis, Tennessee, May 2018.
- 11. One Day in Operator Theory. Memphis, Tennessee, February 2020. endenumerate

SEMINARS

University of Memphis

- 1. Banach Spaces with the Ball Covering Property. Memphis, Tennessee, October 2018. Speaker: Dr. Bentuo Zheng.
- 2. Retracting a Ball of $C_0[0,1]$ onto its Sphere. Memphis, Tennessee, October 2018. Speaker: Dr. Pei-Kee Lin.
- 3. Some Classical Results on the Hardy-Littlewood Maximal Operator. Memphis, Tennessee, November 2018.

Speaker: Mariusz Zyluk.

4. Bases and Basic Sequences on Banach Spaces. Memphis, Tennessee, November 2019. Speaker: Diego Calle.