JEFFREY W. LYONS

The Citadel, Department of Mathematical Sciences
171 Moultrie Street, Charleston, SC 29409
jlyons3@citadel.edu • (843) 953-5036

EDUCATION

2011	Ph.D., Department of Mathematics Baylor University, Waco, Texas
2009	M.S., Department of Mathematics Baylor University, Waco, Texas
2006	B.S., Department of Mathematics Baylor University, Waco, Texas

PROFESSIONAL EMPLOYMENT

2021 –	Associate Professor, Department of Mathematical Sciences The Citadel, Charleston, South Carolina
2020 – 2021	Assistant Professor, Department of Mathematical Sciences The Citadel, Charleston, South Carolina
2019 – 2020	Visiting Associate Professor, Department of Mathematics Trinity University, San Antonio, Texas
2018 – 2019	Visiting Associate Professor, Department of Mathematics University of Hawaii at Manoa, Honolulu, Hawaii
2016 – 2017	Associate Professor, Department of Mathematics Nova Southeastern University, Fort Lauderdale, Florida
2012 – 2016	Assistant Professor, Department of Mathematics Nova Southeastern University, Fort Lauderdale, Florida
2010 – 2012	Instructor, Department of Mathematics and Statistics Texas A&M University-Corpus Christi, Corpus Christi, Texas

GRADUATE SCHOOL EMPLOYMENT

2007 – 2010	Teaching Assistant of Record, Mathematics Baylor University, Waco, Texas
2006 – 2007	Tutor, Mathematics Baylor University, Waco, Texas

TEACHING EXPERIENCE

2020 –   The Citadel
                Courses: Calculus I, Calculus II, Applied Calculus II, Applied Engineering Math I, Applied
                Engineering Math II

2019 – 2020   Trinity University
                Courses: Calculus I, Linear Algebra, Differential Equations

2018 – 2019   University of Hawaii at Manoa
                Courses: Calculus I, Calculus II, Calculus IV

2012 – 2017   Nova Southeastern University
                Courses: Intermediate Algebra, Algebra for College Students, Concepts in Geometry and
                Logic (mathematics education course – live and online), Euclidean Geometry (mathematics
                education course - online), Pre-Calculus, Trigonometry, Calculus I (live and online), Calculus
                II, Ordinary Differential Equations, Independent Study in Mathematics

2010 – 2012   Texas A&M University-Corpus Christi
                Courses: College Algebra, Fundamentals of Mathematics III (mathematics education
                course), Pre-Calculus, Trigonometry, Calculus I, Calculus II, Linear Algebra

2007 – 2010   Baylor University
                Courses: Business Pre-Calculus, Pre-Calculus, Calculus I

TEACHING AWARDS AND HONORS

2011   Recipient, Chancellor's Award for Excellence in Teaching, Texas A&M University System

RESEARCH MENTOR

2022 –   Ernest James, Undergraduate Research, The Citadel
                - Applications of differentiation of solutions to series circuits differential equations
                - Poster presentation at one venue

2021 – 2022   William Jensen, Undergraduate Research, The Citadel
                - Differentiation of solutions to 2nd and 3rd order dynamic equations on time scales with
                  parameter
                - Publish research paper – listed below
                - Poster presentation at five different venues

2021   Aaron Reynolds, Undergraduate Research, The Citadel
                - Differentiation of solutions to 2nd order dynamic equations on time scales with
                  parameter
                - Poster presentation at three different venues

2020   Benjamin Jeffers, Undergraduate Research, Trinity University
- Differentiation of solutions to nth order differential equations with an integral condition
- Published research paper – listed below
- Oral presentation at the AMS Fall Sectional Conference – October 10, 2020
- Oral presentation at Trinity University Math Majors Seminar – September 1, 2020

2016 – 2017   Samantha Major, Undergraduate Research, Nova Southeastern University
- Differentiation of solutions to 2nd order differential equations with an average value condition
- Published research paper – listed below
- Poster presentation at the Undergraduate Student Symposium at NSU – April 7, 2017
- Oral presentation at the 2017 Florida MAA and FTYCMA Conference – February 18, 2017. Awarded $200 NSU PanSGA Travel Grant
- Oral presentation at NSU's Mathematics Colloquium Series – November 3, 2016

2016 – 2017   Kaitlyn Seabrook, Undergraduate Research, Nova Southeastern University
- Differentiation of solutions to 2nd order differential equations with an average value condition
- Published research paper – listed below
- Poster presentation at the Undergraduate Student Symposium at NSU – April 7, 2017

2015   Lee Baxter, Undergraduate Research, Eastern Kentucky University
- Differentiation of solutions to 2nd order dynamic equation on a time scale
- Published research paper – listed below
- Oral presentation at the 2015 Kentucky MAA Conference – March 27, 2015

2015   Joseph Miller, Undergraduate Research, Nova Southeastern University
- Differentiation of solutions to 2nd order differential equations with an integral condition and parameter
- Published research paper – listed below

2013 – 2014   Alfredo Janson and Bibi Juman, Undergraduate Research, Nova Southeastern University
- Differentiation of solutions to 2nd order differential equations with an integral condition
- Published research paper – listed below
- Oral presentation at the Undergraduate Student Symposium at NSU – April 4, 2014
- Oral presentation at the 2014 Florida MAA and FTYCMA Conference – February 22, 2014. Each awarded a $150 NSU PanSGA Travel Grant
- Oral presentation at NSU's Mathematics Colloquium Series – December 1, 2013

2008 – 2009   Kaitlin Speer, Undergraduate Honors Thesis Project, Baylor University
- Differentiation of solutions to 2nd order difference equations with nonlocal conditions
- Published research paper – listed below
- Oral presentation at the Texas Section MAA meeting – April 16, 2009

PEER-REVIEWED PUBLICATIONS

2022   **J.W. Lyons**, Derivatives of solutions of nth order dynamic equations on time scales, submitted for publication.

2022   **J.W. Lyons**, Continuous dependence on boundary conditions for Caputo fractional differential equations, submitted for publication.

2022   W.M. Jensen, **J.W. Lyons**, R. Robinson, Delta derivatives of the solution to a third–order parameter dependent boundary value problem on an arbitrary time scale, *Differ. Equ. Appl.* **14** (2022), no. 2, 291-304.

2022   S. Dhar, **J.W. Lyons**, J.T. Neugebauer, Existence of positive solutions of a Hammerstein integral equation using the layered compression-expansion fixed point theorem, *Dyn. Contin. Discrete Impuls. Syst. Ser. A Math. Anal* **29** (2022), 139-151.

2021   B.L. Jeffers, **J.W. Lyons**, Solutions of the variational equation for an nth order boundary value problem with an integral boundary condition, *Involve* **14** (2021), no. 1, 155-166.

2021   **J.W. Lyons**, J.T. Neugebauer, Existence of a positive solution for a singular fractional boundary value problem with fractional boundary conditions using convolution and lower order problems, *Turk. J. Math.* **45** (2021), 125-138.

2020   **J.W. Lyons**, Differentiation with respect to parameters of solutions of nonlocal boundary value problems for nth order differential equations, *Int. J. Difference Equ.* **15** (2020), no. 2, 473-481.

2020   P. Eloe, **J.W. Lyons**, J.T. Neugebauer, Differentiation of solutions of Caputo initial value problems with respect to initial data*, PanAmer. Math. J.* **30** (2020), no. 4, 71-80.

2019   S. Dhar, **J.W. Lyons**, J.T. Neugebauer, An application of the layered compression-expansion fixed point theorem to a fractional boundary value problem, *PanAmer. Math. J.* **20** (2019), no. 3, 35-44.

2018   **J.W. Lyons**, J.T Neugebauer, Two-point fractional boundary value problems with a fractional boundary condition, *Fract. Calc. Appl. Anal.* **21** (2018), no. 2, 442-461.

2018   **J.W. Lyons**, S.A. Major, K.B. Seabrook, Continuous dependence and differentiating solutions of a second order boundary value problem with average value condition, *Involve* **11** (2018), no. 1, 95-102.

2017   **J.W. Lyons**, J.T. Neugebauer, Positive solutions of a singular fractional boundary value problem with a fractional boundary condition, *Opuscula Math.* **37** (2017), no. 3, 421-434.

2016   L.H. Baxter, **J.W. Lyons**, J.T. Neugebauer, Differentiating solutions of a boundary value problem on a time scale, *Bull. Aust. Math. Soc.* **94** (2016), no. 1, 101-109.

2016   J.A. Franco, J. Champion, **J.W. Lyons**, Arithmagons and geometrically invariant multiplicative integer partitions, *Acta Math. Univ. Comenian. (N.S.)* **85** (2016), no. 1, 87-95.

2015   **J.W. Lyons**, An application of an Avery type fixed point theorem to a second order antiperiodic boundary value problem, *Discrete Contin. Dyn. Syst.* 2015, Dynamical systems, differential equations and applications. 10th AIMS Conference. Suppl., 775-782.

2015   P. Eloe, **J.W. Lyons**, J.T. Neugebauer, An ordering on Green's functions for a family of two-point boundary value problems for fractional differential equations, *Commun. Appl. Anal.* 19 (2015), 453-462.

2015   **J.W. Lyons**, J.T. Neugebauer, Existence of an antisymmetric solution of a boundary value problem with antiperiodic boundary conditions, *Electron. J. Qual. Theory Differ. Equ.* **2015**, no. 72, 1-11.

2015   **J.W. Lyons**, J.K. Miller, The derivative of a solution to a second order parameter dependent boundary value problem with a nonlocal integral boundary condition, *Journal of Mathematics and Statistical Science* **1** (2015), no. 2, 43-50.

2015   **J.W. Lyons**, J.T. Neugebauer, A difference equation with anti-periodic boundary conditions, *Dyn. Contin. Discrete Impuls. Syst. Ser. A Math. Anal.* **22** (2015), no. 1, 47-60.

2014   A.F. Janson, B.T. Juman, **J.W. Lyons**, The connection between variational equations and solutions of second order nonlocal integral boundary value problems, *Dynam. Systems Appl.* **23** (2014), no. 2-3, 493-503.

2014   **J.W. Lyons**, On differentiation of solutions of boundary value problems for second order dynamic equations on a time scale, *Commun. Appl. Anal.* **18** (2014), 215-224.

2014   **J.W. Lyons**, J.T. Neugebauer, Existence of a positive solution for a right focal dynamic boundary value problem, *Nonlinear Dyn. Syst. Theory* **14** (2014), no. 1, 76-83.

2014   **J.W. Lyons**, Disconjugacy, differences, and differentiation for solutions of nonlocal boundary value problems for nth order difference equations, *J. Difference Equ. Appl.* **20** (2014), no. 2, 296-311.

2011   **J.W. Lyons**, Differentiation of solutions of nonlocal boundary value problems with respect to boundary data, *Electron. J. Qual. Theory Differ. Equ.* **2011**, no. 51, 1-11.

2011   D.R. Anderson, R.I. Avery, J. Henderson, X. Liu, **J.W. Lyons**, Existence of a positive solution for a right focal discrete boundary value problem, *J. Difference Equ. Appl.* **17** (2011), no. 11, 1635-1642.

2010   J. Henderson, X. Liu, **J.W. Lyons**, J.T. Neugebauer, Right focal boundary value problems for difference equations, *Opuscula Math.* **30** (2010), no. 4, 447-456.

2009   J. Henderson, **J.W. Lyons**, Characterization of partial derivatives with respect to boundary conditions for solutions of nonlocal boundary value problems for nth order differential equations, *Int. J. Pure Appl. Math.* **56** (2009), no. 2, 235-257.

2009   B. Hopkins, E. Kim, **J.W. Lyons**, K. Speer, Boundary data smoothness for solutions of nonlocal boundary value problems for second order difference equations, *Comm. Appl. Nonlinear Anal.* **16** (2009), no. 2, 1-12.

2008   J. Henderson, B. Hopkins, E. Kim, **J.W. Lyons**, Boundary data smoothness for solutions of nonlocal boundary value problems for *n*th order differential equations, *Involve* **1** (2008), no. 2, 167-181.

PRESENTATIONS

Invited

2021   "Differentiation of solutions of Caputo initial value problems with respect to initial data," Special session on Advances and Applications in Integral and Differential Equations, AMS and MAA Joint Mathematics Meeting, Virtual, January 6-9.

2020   "Existence of a positive solution for a singular fractional boundary value problem with fractional boundary conditions using convolution and lower order problems," Special session on Boundary Value Problems for Differential, Difference, and Fractional Equations, Fall Southeastern Sectional Meeting of the AMS, Virtual, October 10-11.

2020   "An application of the layered compression-expansion fixed point theorem to a fractional boundary value problem," Recent Advances in Differential and Difference Equations and Their Applications, Virtual, June 9-11.

2019   "Two-point fractional boundary value problems with a fractional boundary condition," Special session on Advances and Applications in Integral and Differential Equations, AMS and JMM Joint Mathematics Meeting, Baltimore, MD, January 16-19.

2016   "Differentiation of solutions of a second order boundary value problem with an average value condition," Special session on Lie Symmetries, Conservation Laws and Other Approaches in Solving Nonlinear Differential Equations, AIMS Conference on Dynamical Systems, Differential Equations and Applications, Orlando, FL July 1-5.

2016   "Existence of solutions of singular fractional boundary value problem," Special session on Applications of Topological and Variational Methods to Boundary Value Problems, AIMS Conference on Dynamical Systems, Differential Equations and Applications, Orlando, FL July 1-5.

2014   "An application of an Avery type fixed point theorem to a second order antiperiodic boundary value problem," Special session on Applications of Topological and Variational Methods to Boundary Value Problems, AIMS Conference on Dynamical Systems, Differential Equations and Applications, Madrid, Spain, July 7-11.

2014   "Characterizing derivatives of solutions to nonlocal boundary value problems with parameter," Special session on Lie Symmetries, Conservation Laws and Other Approaches in Solving Nonlinear Differential Equations, AIMS Conference on Dynamical Systems, Differential Equations and Applications, Madrid, Spain, July 7-11.

2014   "Existence of antisymmetric solutions for second order difference equations with antiperiodic boundary conditions," Special session on Difference Equations and Applications, AMS and MAA Joint Mathematics Meeting, Baltimore, MD, January 15-18.

2013   "Existence of symmetric and anti-symmetric solutions for second order boundary value problems with periodic and anti-periodic boundary conditions," Special session on Fixed

Point Theorems and Applications to Integral, Difference, and Differential Equations, Fall Southeastern Sectional Meeting of the AMS, University of Louisville, October 5-6.

2013   "Generalizing the discrete and continuous domains of boundary data smoothness for solutions of second order boundary value problems," New Trends in Differential and Difference Equations Conference, University of Tennessee at Chattanooga, March 15-16.

2012   "Existence of a positive solution for a right focal dynamic boundary value problem," International Conference on the Theory, Methods, and Applications of Nonlinear Equations, Texas A&M University – Kingsville, December 17-21.

2010   "Boundary data smoothness for solutions of nonlocal boundary value problems for nth order difference equations," special session on Difference Equations and Applications, AMS and MAA Joint Mathematics Meeting, San Francisco, CA, January 13-16.

2009   "Boundary data smoothness for solutions of nonlocal boundary value problems for second order difference equations," Special session on Topological Methods for Boundary Value Problems for Ordinary Differential Equations, Fall Central Sectional Meeting of the AMS, Baylor University, October 16-18.

Contributed

2019   "Existence and Nonexistence Results for Two Point Fractional Boundary Value Problems," Spring Central and Western Joint Sectional Meeting of the AMS, University of Hawaii at Manoa, March 22-24.

2017   "Continuous dependence and differentiating solutions of an nth order boundary value problem with integral conditions," AMS and MAA Joint Mathematics Meetings, Atlanta, GA, January 4-7.

2016   "Positive symmetric solutions of a second order boundary value problem," Southeastern Atlantic Regional Conference on Differential Equations (SEARCDE), Florida Gulf Coast University, November 5-6.

2015   "The derivative of a solution to a second order parameter dependent boundary value problem with a nonlocal integral boundary condition," SEARCDE, University of North Carolina-Greensboro, October 10-11.

2014   "An ordering on Green's functions for a family of two-point boundary value problems for fractional differential equations," Mississippi State Conference on Differential Equations and Computational Simulation (DECS), Mississippi State University, October 23-24.

2014   "Derivatives of the solution to a dynamic boundary value problem on a general time scale," SEARCDE, University of Memphis, October 11-12.

2013   "Variational equations and solutions of second order BVPs with integral boundary conditions," SEARCDE, University of Tennessee, Knoxville, September 21-22.

2012   "Existence of a positive solution for a right focal dynamic boundary value problem," SEARCDE, Wake Forest University, October 19-20.

2011   "Getting from good to great: what do the statistics show?" Co-presenters: F. M. Abudiab,
                M. A. Abudiab, P. Tintera, M. C. Venzon, NCCEP/GEAR UP Annual Conference, San
                Francisco, CA, July 17-20.

2011   "A mathematician walks into a local high school…," Texas Section of the MAA Conference,
                University of Texas-Tyler, April 14-17.

2009   "Boundary data smoothness for solutions of nonlocal boundary value problems for nth
                order differential equations," Texas Section of the MAA Conference, University of North
                Texas, April 16-18.

Seminars and Colloquia

2021   "Smoothness of solutions to a third order conjugate boundary value problem," Virtual
                Mathematics Research Seminar, University of Dayton, February 12.

2020   "Derivative of a solution to a third order boundary value problem," Coffee Time Talk,
                Eastern Kentucky University, Virtual, November 13.

2020   "An introduction to time scales," Mathematics Colloquium, The Citadel, October 13.

2019   "A boundary value problem analogue to a result of Peano for initial value problems,"
                Mathematics Major Seminar, Trinity University, September 10.

2019   "Existence of solutions to boundary value problems using fixed point theory," Mathematics
                Colloquium, University of Hawaii, March 29.

2017   "Fixed point theorems and applications to differential equations," Analysis Seminar, Florida
                Atlantic University, March 30.

2013   "Disconjugacy and differentiation for solutions of boundary value problems for second-
                order dynamic equations on a time scale," Mathematics Colloquium Series, Nova
                Southeastern University, April 10.

2013   "Characterizing boundary data smoothness for solutions of difference, differential, and
                dynamic boundary value problems," Department of Mathematics Colloquium, University of
                Dayton, March 19.

2013   "Characterizing boundary data smoothness for solutions of difference, differential, and
                dynamic boundary value problems," Mathematics Colloquium, Eastern Kentucky University,
                March 18.

2012   "Existence of a positive solution for a right-focal dynamic boundary value problem,
                Mathematics Colloquium Series," Nova Southeastern University, October 31.

2012   "Boundary data smoothness for solutions of nth order nonlocal boundary value problems,"
                Mathematics Colloquium Series, Nova Southeastern University, April 2.

2012   "Boundary data smoothness for solutions of nth order nonlocal boundary value problems,"
                Mathematics Colloquium, Tarleton State University, February 10.

2011	"Right focal boundary value problems for difference equations," Mathematics and Statistics Colloquium, Texas A&M University-Corpus Christi, February 9.
2010	"Boundary data smoothness for solutions of nonlocal boundary value problems for nth order differential and difference equations," Mathematics and Statistics Colloquium, Texas A&M University-Corpus Christi, October 20.
2009	"Boundary data smoothness for solutions of nonlocal boundary value problems for second order difference equations," Mathematics Research Topics Colloquium, Baylor University, October 6.
2008	"Boundary data smoothness for solutions of nonlocal boundary value problems for second order ordinary differential equations," Mathematics Research Topics Colloquium, Baylor University, November 5.

EXTERNAL RESEARCH AWARDS

2016	Travel Grant, SEARCDE, Florida Gulf Coast University, Ft Myers, FL, November 5-6
2015	Travel Grant, SEARCDE, UNC-Greensboro, Greensboro, NC, October 10-11
2014	Travel Grant, DECS, Mississippi State University, Starkville, MS, October 23-25
2014	Travel Grant, SEARCDE, University of Memphis, Memphis, TN, October 11-12
2014	Travel Grant, 10th AIMS Conference, Madrid, Spain, July 7-11
2013	Travel Grant, SEARCDE, University of Tennessee, Knoxville, TN, September 21-22
2012	Travel Grant, SEARCDE, Wake Forest, Winston-Salem, NC, October 19-20
2011	Travel Grant, WebWork Seminar, Louisville, KY, August 1-3
2010	Travel Grant, AMS and MAA Joint Math Meetings, San Francisco, CA, January 13-16
2009	Travel Grant, Texas Sectional MAA Meeting, Denton, TX, April 16-18

INTERNAL RESEARCH AWARDS

2022	Ernest James, Student Undergraduate Research Experience Grant, The Citadel
2021	The Citadel Foundation Faculty Research Grant, The Citadel
2021	Will Jensen, Student Undergraduate Research Experience Grant, The Citadel

SERVICE

Professional

2023	Co-Organizer, Special session on Advances and Applications in Integral and Differential *Equations,* AMS and MAA Joint Mathematics Meeting, Boston
2021 – 2022	Guest Editor, *Differential Equations and Applications*
2021	Member, Topics Board, *Fractal and Fractional*
2021	Judge, MAA Undergraduate Poster Session, Joint Mathematics Meetings, Virtual
2021	Co-Organizer, Special session on Advances and Applications in Integral and Differential *Equations,* AMS and MAA Joint Mathematics Meeting, Virtual Conference
2019	Judge, MAA Undergraduate Poster Session, Joint Mathematics Meetings, Baltimore
2017	Reviewer, Calculus Textbook for MacMillan Learning
2016	Reviewer, Prototype Online System for College Algebra Courses for Sapling Learning
2015 –	Reviewer, Mathematical Reviews of the American Mathematical Society
2014 – 2015	Guest Editor, *Communications on Applied Analysis*
2013	Co-Organizer, Special session on Fixed Point Theorems and Applications to Integral, Difference, and Differential Equations, AMS Fall Southeastern Sectional Meeting, University of Louisville
2009	Volunteer, AMS Central Section Meeting, Baylor University
2009	Special Session Chair, Texas Section MAA Meeting, Denton, TX

Journal Referee

Advances in Difference Equations, Boundary Value Problems, Communications on Applied Analysis, Communications on Applied Nonlinear Analysis, Computers and Mathematics with Applications, Differential Equations and Applications, Dynamic Systems and Applications, Electronic Journal of Differential Equations, Journal of Fractional Calculus and Applications, Electronic Journal of Qualitative Theory of Differential Equations, Funkcialaj Ekvacioj (Functional Equations), Involve, a Journal of Mathematics, Journal of Difference Equations and Applications, Kragujevac Journal of Mathematics, Rose-Hulman Undergraduate Mathematics Journal, Turkish Journal of Mathematics

Departmental

2022 –	Member, Problem of the Week Committee, The Citadel
2022	Member, Visiting Assistant Professor Search Committee, The Citadel
2022	Member, Dr. Hamp Sherad Mathematics Scholarship Committee, The Citadel

2021 –	Member, Classroom Visitation Committee, The Citadel
2021 –	Course Coordinator, Applied Calculus Sequence, The Citadel
2021 –	Course Coordinator, Applied Mathematics Sequence, The Citadel
2021 –	Supervisor, Progress on Math Majors, The Citadel
2021 –	Coordinator, Sunshine Fund, The Citadel
2021 –	Coordinator, Peer Instruction, The Citadel
2020 –	Chair, Mathematics Colloquium Committee, The Citadel
2020 – 2021	Member, Math/Stat Curriculum Committee, The Citadel
2020 – 2021	Member, Recruitment Committee, The Citadel
2020 – 2021	Member, Data Scientist Search Committee, The Citadel
2019 – 2020	Coordinator, Supplemental Instruction for Calculus I, Trinity University
2019	Judge, Student Projects for Differential Equations and Linear Algebra, Trinity University
2018 – 2019	Supervisor, Learning Assistance Alliance, University of Hawaii at Manoa
2018 – 2019	Coordinator, Calculus II, University of Hawaii at Manoa
2015 – 2017	Organizer, Mathematics Colloquium Series, Nova Southeastern University
2015	Member, Common Exam Committee, NSU
2013 – 2014	Member, Algebra Sequence Committee, NSU
2013	Presenter, WebAssign System for Faculty, NSU
2013	Member, Mathematics and Statistics Search Committee, NSU
2012 – 2013	Member, Calculus Sequence Committee, NSU
2012 – 2013	Member, Technology, Hybridized, and Online Education, NSU
2011 – 2012	Co-Designer/Developer, Calculus I Labs, Texas A&M University-Corpus Christi
2011	Member, Search Committee, TAMU-CC
2011	Evaluator, Graduate Student Instruction, TAMU-CC
2010 – 2012	Member, Committee for Algebra/Calculus, TAMU-CC
2010 – 2012	Developer, Online Homework for College Algebra and Calculus WeBWorK, WebAssign, MyMathLab, TAMU-CC

University

2022 –	Chair, Faculty Awards Committee, The Citadel
2021 – 2022	Member, Faculty Awards Committee, The Citadel
2021 – 2022	Advisor, Pickleball Club, The Citadel
2020 – 2021	Faculty Fellow, CEITL for Livestreaming and Online Help, The Citadel
2019	Volunteer, Move-in Day, Trinity University
2016	Co-presenter, Winning at Math Seminar, Nova Southeastern University
2016	Volunteer, NSU Open House, NSU
2016	Judge, Undergraduate Student Symposium, NSU
2015	Co-presenter, Winning at Math Seminar, NSU
2015	Member, Faculty Mentoring Committee, NSU
2015	Judge, Undergraduate Student Symposium, NSU
2014	Co-presenter, Winning at Math Seminar, NSU
2014	Judge, Undergraduate Student Symposium, NSU
2013	Author, Report on Classroom Engagement for Dean's Office, NSU
2013	Member, College Committee on Financial Support for Student Conference Travel, NSU
2013	Judge, Undergraduate Student Symposium, NSU
2013 – 2016	Advisor, Table Tennis Club, NSU
2011 – 2012	Advisor, Summer Orientation, Texas A&M University-Corpus Christi
2010	Judge, Sigma Xi 10th Annual Undergraduate Research Symposium, TAMU-CC

Community

2018	Mock Interviewer, James Campbell High School, Ewa Beach, HI
2016	Volunteer, Alvin Sherman Library Summer STEM Program, Davie, FL
2016	Volunteer, Alvin Sherman Library after School STEM Program, Davie, FL
2016	Judge, 8th Annual John A. Ferguson Regional Math Competition, Miami, FL
2014	Judge, 6th Annual John A. Ferguson Regional Math Competition, Miami, FL

2013   Judge, 5th Annual John A. Ferguson Regional Math Competition, Miami, FL

2011   Judge, Coastal Bend Science Fair K-5 and 6-8 Corpus Christi, TX