CURRICULUM VITAE
OF
LOUIS TCHEUGOUE TEBOU

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Department of Mathematics and Statistics
Florida International University
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EDUCATION

B.S. University of Yaounde (Cameroon)	Mathematics 6/1990
M.S. University of Metz (France)	Applied Mathematics 6/1992
Ph.D. University of Metz (France)	Applied Mathematics 5/1995
Habilitation dir. rec. University of Strasbourg (France)	Applied Mathematics 11/1999

WORK EXPERIENCE

Florida International University	**Professor** 3/02/2024-present
Florida International University	**Professor and Chair** 8/12/2021-3/01/2024
Florida International University	**Professor** 8/12/2014-8/11/2021
Florida International University	**Associate professor** 8/2006-7/2014
Florida International University	**Assistant professor** 8/2001-7/2006
York University (Toronto, Canada)	**Course Director** 9/2000-5/2001
Universidad Complutense de Madrid (Spain)	**Postdoc fellow** 5/1999-12/1999
University of Saint-Louis (Senegal)	**Assistant professor** 01/1998-12/1998
U. Strasbourg (France)	**Visiting Researcher** 9/1996-12/1997
U. Metz (France)	**Teaching & Research Associate** 9/1994-8/1996
U. Metz (France)	**Teaching Assistant** 9/1993-6/1994
U. Metz (France)	**Teaching Assistant** 9/1992-12/1992

AREAS OF INTEREST

Control of distributed parameter systems-Homogenization-Asymptotic Analysis-Numerical Analysis-Fluid dynamics

PUBLICATIONS
Papers in Professional Journals (all non-starred articles are refereed articles)

1. I. Lasiecka and L. Tebou, *Gevrey regularity of the semigroup corresponding to an Euler-Bernoulli plate equation with localized structural damping.* DCDS (2024),
2. A. Haraux, L. Tebou, *Energy decay estimates for the wave equation with supercritical nonlinear damping.* Differential Integral Equations. To appear.
3. C. Louis-Rose and L. Tebou, *Carleman estimates and simultaneous boundary controllability of uncoupled wave equations.* Appl. Math. Optim. 88 (2023), no 49.

4. L. Tebou, *Stability and Gevrey regularity for some transmission systems involving a degenerate parabolic component.* J. Evol. Equ. 23 (2023), No 26, 31pp.
5. K. Ammari, F. Shel and L. Tebou, *Regularity and stability of the semigroup associated with some interacting elastic systems II: A nondegenerate damping case.* Math. Methods Appl. Sciences. 46 (2023), 4289-4302.
6. L. Tebou, *Sharp decay estimates for semigroups associated with some one-dimensional fluid-structure interactions involving degeneracy.* SIAM J. Control Optim. 60 (2022), 2787-2810.
7. Z Kuang, Z. Liu and L. Tebou, *Optimal semigroup regularity for velocity coupled systems: a degenerate fractional damping case*. ESAIM COCV. 28 (2022), art. 46, 20pp. DOI: https://doi.org/10.1051/cocv/2022042
8. K. Ammari, F. Shel and L. Tebou, *Regularity and stability of the semigroup associated with some interacting elastic systems I: A degenerate damping case.* J. Evol. Equ. 21 (2021), 4973-5002.
9. Louis Tebou, *Regularity and stability for a plate model involving fractional rotational forces and damping*. Z. Angew. Math. Phys. 72 (2021), no 4, 158, 13pp.
10. Louis Tebou, *Can the average temperature stabilize a system of thermoelastic plates?* VJOM, 49 (2021), 787-814. (Invited paper to honor 60th birthday of Prof. E. Zuazua).
11. S. Mansouri, L. Tebou, *Stabilization of coupled thermoelastic plate and wave equations.* EJDE 2020 (2020), no 121, 16pp.
12. Louis Tebou, *Exponential stability of a mixture of two elastic solids with a degenerate weak damping mechanism*. J. Math. Anal. Appl. 491 (2020), no 2, 124336, 14pp.
13. V. Keyantuo, L. Tebou and M. Warma, *A Gevrey class semigroup for a Thermoelastic plate model with a fractional Laplacian: Between the Euler-Bernoulli and Kirchhoff models.* Discrete and Continuous Dynamical Systems-A. 40 (2020), 2875-2889.
14. L. Tebou, *Stabilization of the wave equation with a localized nonlinear strong damping*. Zeitschrift fuer Angewandte Mathematik und Physik, 71 (2020), Art. 22. 1-29.
15. L. Tebou, *Simultaneous and indirect control of waves: some recent developments and open problems**. Book chapter in Contemporary Math. AMS. 757 (2020), 51-90.
16. A. Hajej, Z. Hajjej and L. Tebou, *Indirect stabilization of weakly coupled Kirchhoff plate and wave equations with frictional damping*, J. Math. Anal. Appl. 474 (2019), 290-308.
17. Louis Tebou, *A note on the boundary stabilization of an axially moving elastic tape*. Z. Angew. Math. Phys. 70 (2019), Art. 19. 1--6.
18. M. Cavalcanti, V.D. Cavalcanti and L. Tebou, *Stabilization of the wave equation with localized compensating frictional and Kelvin-Voigt damping.* EJDE 2017 (2017), No 83, 1-18.
19. Louis Tebou, *Indirect stabilization of a Mindlin-Timoshenko plate*. J. Math, Anal. Appl. 449 (2017), 1880-1891.
20. M. Cavalcanti, V.D. Cavalcanti, W. Correa, L. Tebou, *Well-posedness and energy decay Estimates in the Cauchy problem for the damped defocusing Schrödinger equation*. J. Diff. Equations, 262 (2017), 2521-2539.
21. Ciprian Gal, Louis Tebou, *Carleman inequalities for wave equations with oscillatory boundary conditions and application*. SIAM J. Control Opt. 55 (2017), 324-364.
22. Louis Tebou, *Stabilization of some elastodynamic systems with localized Kelvin-Voigt damping.* DCDS-A 36 (2016), 7117-7136.

23. Ciprian Gal, Louis Tebou, *On a regularized family of models for the full Ericksen-Leslie system*. Nonlin. Anal. TMA, 127(2015), 312-351.
24. Louis Tebou, *Simultaneous controllability of some uncoupled semilinear wave equations*. DCDS-A, 35 (2015), 3721-3743.
25. Louis Tebou, *A localized nonstandard stabilizer for the Timoshenko beam*, C. R. Acad. Sci. Paris, Ser. I, 353 (2015), 247-253.
26. Louis Tebou, *Uniform analyticity and exponential decay of the semigroup associated with a thermoelastic plate equation with perturbed boundary conditions.* C. R. Acad. Sci. Paris, Ser. I, 351 (2013), 539-544.
27. Louis Tebou, *Uniform stabilization of some damped second order evolution equations with vanishing short memory.* ESAIM COCV, 20 (2014), 174-189.
28. Louis Tebou, *Simultaneous stabilization of some interacting plate and membrane*. EECT, 2 (2013), 153-172. (Invited paper)
29. Louis Tebou, *A constructive method for the stabilization of the wave equation with localized Kelvin -Voigt damping*. C. R. Acad. Sci. Paris, Ser. I, 350 (2012), 603-608.
30. Louis Tebou, *Sharp observability estimates for a system of two coupled nonconservative hyperbolic equations.* Applied Math. Optim. 66 (2012), 175-207.
31. Louis Tebou, *Uniform null controllability of a parabolic equation with rapidly oscillating periodic coefficients*. Asymptotic Analysis, 80 (2012), 149-170.
32. Louis Tebou, *Energy decay estimates for some weakly coupled Euler-Bernoulli and wave equations with indirect damping mechanisms*. MCRF, 2 (2012), 45-60. (Invited paper)
33. Louis Tebou, *Simultaneous observability and stabilization of some uncoupled wave equations*. C. R. Acad. Sci. Paris, Ser. I, 350 (2012), 57-62.
34. Louis Tebou, *Well-posedness and stabilization of an Euler-Bernoulli equation with a localized nonlinear dissipation involving the p-Laplacian.* DCDS A, 32 (2012), 2315-2337.
35. Louis Tebou, *Some results on the controllability of coupled semilinear wave equations: the desensitizing control case.* SIAM J. Control Optimization 49 (2011), 1221-1238.
36. Louis Tebou, *Stabilization of some coupled hyperbolic/parabolic equations*. DCDS B, 14 (2010), 1601-1620.
37. Louis Tebou, *Uniform null controllability of the heat equation with rapidly oscillating periodic density*. C. R. Acad. Sci. Paris, Ser. I 347 (2009), 779-784.
38. Louis Tebou, *Equivalence between observability and stabilization for a class of second order semilinear evolution equations*. DCDS Supplements 2009 (2009), 744-752.
39. Louis Tebou, *Well-posedness and stability of a hinged plate equation with a localized nonlinear structural damping*. Nonlinear Anal. TMA, 71 (2009), e2288-e2297.
40. Louis Tebou, *A Carleman estimates based method for the stabilization of some locally damped semilinear hyperbolic equations.* ESAIM: COCV 14 (2008), 561–574.
41. Louis Tebou, *Locally distributed desensitizing controls for the wave equation.* C. R. Acad. Sci. Paris, Ser. I 346 (2008), 407-412.
42. Louis Tebou & Enrique Zuazua, *Uniform boundary stabilization of the finite differences space discretization of the 1-d wave equation*. Advances in Computational Mathematics, 26(2007), 337-365.
43. Louis Tebou, *Stabilization of the elastodynamic equations with a degenerate locally distributed dissipation*. Systems and Control Letters 56 (2007), 538– 545.

44. Louis Tebou, *On the stabilization of dynamic elasticity equations with unbounded locally distributed dissipation.* Differential Integral Equations, 19 (2006), 785-798.
45. Louis Tebou, *A direct method for the stabilization of some locally damped semilinear wave equations.* C. R. Acad. Sci. Paris, Ser. I , 342 (2006), 859-864.
46. J. Edward & Louis Tebou, *Internal null-controllability for a structurally damped beam equation.* Asymptotic Analysis, 47 (2006), 55-83.
47. Louis Tebou, *Uniform null controllability of the 1-D finite differences space semi-discretization of the heat equation with locally distributed control*. Journal of Computational Analysis and Applications, 7 (2005), 169-186.
48. Theodore Tachim & Louis Tebou, *Robust control problems in fluid flows*. Discrete and Continuous Dynamical Systems 12 (2005), no 3, 437-463.
49. Theodore Tachim & Louis Tebou, *Adjoint-based iterative method for robust control problems in fluid mechanics*. SIAM J. Numerical Analysis 42 (2004), 302-325.
50. Louis Tebou, *Energy decay estimates for the damped Euler-Bernoulli equation with an unbounded localizing coefficient*. Portugaliae Mathematica 61 (2004), no 4, 375-392.
51. Louis Tebou & Enrique Zuazua, *Uniform exponential long time decay for the space finite differences semi-discretization of a locally damped wave equation via an artificial numerical viscosity*, Numerische Mathematik 95 (2003), no 3, 563-598.
52. Louis Tebou, *Sur quelques inégalités d'observabilité de J.L. Lions liées à l'équation des ondes perturbée*, Afrika Matematika 10 (1999), 26-35.
53. Salah Bendib & Louis Tebou, *Homogenization of a class of nonlinear problems in perforated domains*, C. R. Acad. Sci. Paris, Série I 328 (1999), 1145-1149.
54. Louis Tebou, *Stabilization of the wave equation with localized nonlinear damping*. Journal of Differential Equations, 145 (1998), 502-524.
55. Louis Tebou, *Well-posedness and energy decay estimates for the damped wave equation with L^r localizing coefficient*. Commun. in P.D.E., 23 (1998), 1839-1855.
56. Louis Tebou, *Sur quelques résultats d'observabilité liés à l'équation des ondes perturbée*, C. R. Acad. Sci. Paris, Série I 327 (1998), 277-281.
57. Louis Tebou, *On the decay estimates for the wave equation with a local degenerate or nondegenerate dissipation*, Portugaliae Mathematica 55 (1998), 293-306.
58. Louis Tebou, *Estimations d'énergie pour l'équation des ondes avec un amortissement nonlinéaire localisé*, C. R. Acad. Sci. Paris, Série I 325 (1997), 1175-1179.
59. Jeannine Saint Jean Paulin & Louis Tebou, *Contrôlabilité exacte interne dans des domaines perforés avec une condition aux limites de Fourier sur le bord des trous*, Asymptotic Analysis 14 (1997), 193-221.
60. Louis Tebou, *Contrôle distribué de l'équation des ondes dans des domaines minces*, RAIRO Modélisation Mathématique et Analyse Numérique, 31 (1997), 871-890.
61. Louis Tebou, *On the Stabilization of the wave and linear elasticity equations in 2-D*, PanAmerican Mathematical Journal 6 (1996), 41-55.
62. Louis Tebou, *Internal stabilization and exact controllability in thin cellular structures*, Ricerche di Matematica, Vol. XLV (1996), 457-490.
63. Louis Tebou, *Contrôlabilité exacte interne des vibrations d'un corps mince*, C. R. Acad. Sci. Paris, Série I, 322 (1996), 745-748.
64. Louis Tebou, *Sur la stabilisation de l'équation des ondes en dimension 2*, C. R. Acad Sci. Paris, Série I, 319 (1994), 585-588.

WORK IN PROGRESS

I am now working on some control problems with colleagues from USA, Guadeloupe, and Tunisia. I am also advising two PhD students from Université des Antilles, Guadeloupe; they are scheduled to complete by December 2024.

AWARDS

2002 FIU Provost's Office and FIU Foundation Summer research grant for proposal: *Numerical Control of vibrating structures,* $9353.42

2008 College of Arts and Sciences Summer research award for proposal: *Stabilization of some plate models with locally distributed nonlinear viscoelastic damping,* $5,000.

Certificate-Outstanding Reviewer for *Journal of Differential Equations:* November 2016

Certificate-Outstanding Reviewer for *Nonlinear Analysis:* April 2017

Certificate-Outstanding Reviewer for *Journal of Mathematical Analysis and Applications:* January 2018

Research grant

Funded research grant:

Title: Applied Mathematics Research Program for Undergraduates (AMRPU @ FIU)
Funding agency: NSF
Role (PI or Co-PI, etc.): Senior Personnel
Period: 04/01/21-03/31/24

Students mentored

Minato Hiraoka from Wake Forest University, REU, AMRPU, under the grant above, Summer 2021.
Teddy Alex Kombou, Master 2 in Mathematics, University of Dschang, Cameroon, Spring-Summer 2021.

PhD Dissertation Committees

Mohammad Samoury, Lebanese University, Beirut, 12/2016.
Ernes Aragones, University of Puerto Rico, Rio Piedras, 06/2020.

Postdocs

Ahmed Hajej, University of Cergy-Pontoise, Paris, France.
Zayd Hajjej, King Saud University, Saudi Arabia.

BOOKS REVIEW

Numerical Analysis, 8th edition, by R.L. Burden and J.D. Faires.
Partial stabilization *and control of distributed parameter systems with elastic elements*, by A. L. Zuyev.

EDITORIAL BOARD

Evolution Equations and Control Theory
https://www.aimsciences.org/eect/editorialboard

PRESENTATIONS AND LECTURES – Outside residing department

- *Precise decay estimates for semigroups associated with some one-dimensional fluid-structure interactions involving degeneracy*. Invited talk. AMS meeting, University of Tennessee at Chattanooga. October 15-16, 2022.
- *Thin elastic plates involving fractional rotational forces: semigroups regularity and stability.* Colloquium, University of Memphis, 03/18/22.
- *Thin elastic plates involving fractional rotational forces: semigroups regularity and stability.* Analysis Seminar, Clemson University, 01/20/21.
- *Simultaneous and indirect control of waves: some recent developments and open problems*. This is a series of three 50-min. lectures. Invited speaker. Conference on Identification and Control: Some challenges. University of Monastir, Tunisia, June 18-20, 2019. (Funded by Organizers.)
- *Some contributions to the simultaneous and indirect stabilization of multi-component systems*. Invited talk. AMS meeting Auburn University, AL, March 15-17, 2019.
- *Some contributions to the simultaneous and indirect stabilization of multi-component systems*. Invited talk. Workshop on Dynamics, Control and Numerics for Fractional PDEs, University of Puerto Rico, San Juan, December 05-07, 2018. (Funded by Organizers)
- *Stabilization of the wave equation with localized damping: old results, new results*. Invited speaker, Workshop on Control and Automatic, University of Monastir, Tunisia, June 26-27, 2018. (Partially funded by Organizers.)
- *Carleman inequalities for a wave equation with dynamic Wentzell boundary conditions.* Invited talk, KUMUNU Conference on PDE, Dynamical Systems and Applications, UNL, April 22-23, 2017. (Partially funded by Organizers.)
- *Carleman inequalities for a wave equation with dynamic Wentzell boundary conditions*. Invited speaker, IV Symposium on PDEs, Maringa (Brazil) November 23-25, 2016. (Funded by Organizers.)
- *Uniform analyticity and exponential decay of the semigroup associated with a thermoelastic plate equation with perturbed boundary conditions*. Invited talk, 11th AIMS Conference on Dynamical Systems, Orlando July 01-05, 2016.
- *Stabilization of a transmission system involving thermoelasticity.* Invited talk, International Conference on Evolution Equations: 31st Shanks Conference, Vanderbilt University, Nashville, May 16-20, 2016. (Partially funded by Organizers.)

- *On some stabilization problems for the Timoshenko beam*, invited talk, AMS Southeastern Meeting, Memphis, October 17-18, 2015.
- *On the Controllability of some systems of wave equations*, Analysis Seminar talk, Institute of Mathematics, UNAM, Mexico City (Mexico), October 02, 2014.
- *Stabilization of the wave equation with localized Kelvin-Voigt Damping*. Invited talk, The 34th Southeastern-Atlantic Regional Conference on Differential Equations, Memphis, October 11-12, 2014. (Partially funded by organizers.)
- *Simultaneous controllability of some semilinear wave equations*, AMS sectional meeting, Knoxville, March 21-23, 2014.
- *Stabilization of the interaction between an elastic material and a viscoelastic material*, invited talk, Mathematical Congress of the Americas, Guanajuato, Mexico, August 05-09, 2013. (Partially funded by organizers.)
- *Controllability of some coupled hyperbolic systems*. ERC-Numeriwaves Seminar, BCAM, Bilbao, Spain, December 10, 2012.
- *Simultaneous controllability and stabilization of some uncoupled wave and plate equations*. Invited talk, AIMS Conference, Orlando, July 01-05, 2012.
- *Desensitizing controls for some hyperbolic equations.* Invited talk, Thematic Day on the Controllability of Coupled Systems, Institut Henri Poincaré, Paris, November 26, 2010.
- *Uniform null controllability of a parabolic equation with rapidly oscillating coefficients*. Invited talk, SIAM Conference, Miami, FL, December 7-10/2009.
- *Desensitizing control for a semilinear wave equation.* Invited talk, Conference in honor of Prof. Russell, Beijing, China, May 15-17/2009. (Partially funded by organizers.)
- *Uniform null controllability of the heat equation with rapidly oscillating periodic density*. PDEs Seminar, University of Virginia, Charlottesville, March 17, 2009.
- *The elasticity equations with degenerate Robin boundary conditions: energy dissipation through a locally distributed unbounded feedback control*, invited talk, Conference in honor of Prof. A.V. Balakrishnan, UCLA, Los Angeles, January 30-31, 2009.
- *Well-posedness and stabilization of an Euler-Bernoulli equation with a localized nonlinear dissipation involving the p-Laplacian*, The 5th World Congress of Nonlinear Analysts, Orlando, July 2-9, 2008.
- *Locally distributed desensitizing controls for the wave equation*, invited talk, AIMS Conference, University of Texas, Arlington, May 18-21, 2008.
- *Stabilization of a semilinear hyperbolic equation with a locally distributed damping in the whole space*, invited talk, Third South Florida Analysis seminar Ft. Lauderdale, March 30-April 1, 2007.
- *Approximate controllability of the heat equation in a domain with small holes*, invited talk, AMS Southeastern meeting, FIU, Miami, April 01, 2006.
- *Stabilizability of a nonlinear coupled wave/heat equation*, 30 minutes invited talk, AMS Southeastern meeting, East Tennessee State University, Johnson City, October 15, 2005.
- *Asymptotic behavior of a coupled nonlinear wave/heat equation*, 1 hour invited talk, Colloquium, Department of Mathematics, Virginia Tech, September 30, 2005.
- *Semi-internal stabilization of semilinear elastodynamic systems*, 45 minutes invited talk, The Fourth World Congress of Nonlinear Analysts, Orlando, July 06 2004.

- *A direct approach for the stabilization of some locally damped distributed systems*, 1 hour talk, Applied mathematics seminar, University of Strasbourg (France), November 22, 1999.
- *Stabilization of the wave equation with an unbounded localized damping,* 1 hour talk, Applied mathematics seminar, University of Besançon (France), December 1998.
- *Stabilization of the wave equation with a nonlinear localized damping*, 1 hour talk, Applied mathematics seminar, University of Saint-Louis (Senegal), March 1998.
- *A new method for the stabilization of the wave equation with localized damping*, 1 hour talk, Applied mathematics seminar, University of Strasbourg (France), May 1997.
- *Stabilization of the wave equation with a degenerate locally distributed damping*, 1 hour talk, Applied mathematics seminar, University of Metz (France), January 1997.
- *On the exact internal controllability in perforated domains*, 1 hour talk, Applied mathematics seminar, University of Metz (France), May 1995.
- *On a Fourier-Dirichlet problem in exact internal controllability*, 20 minutes talk, 26th National Congress of Numerical Analysis, Les Karellis (France), May 1994.

PRESENTATIONS AND LECTURES – at FIU

1. *Uniform exponential decay of the energy of the space semi-discretization of a locally damped wave equation via an artificial numerical viscosity*, part 1, Analysis Seminar, September 2001.
2. *Uniform exponential decay of the energy of the space semi-discretization of a locally damped wave equation via an artificial numerical viscosity*, part 2, Analysis Seminar, October 2001.
3. *A Carleman estimate approach to the stabilization of a locally damped semilinear wave equation,* October 07, 2005.
4. *Asymptotic stability of a thermoelastic system,* 25 minutes talk, FAU-FIU-UM mini-conference on Analysis, October 22, 2005.

OTHER PROFESSIONAL ACTIVITIES AND PUBLIC SERVICE

- **Referee articles for several math journals including, but not limited to:** 1. *Journal of Differential Equations,* 2. *Journal of Mathematical Analysis and Applications,* 3. *SIAM Journal on Control and Optimization, 4. Communications in PDEs, 5. Automatica,* 6. *Systems and Control Letters,* 7. *Numerische Mathematik,* 8. *Journal of Optimization Theory and Applications,* 9. *Nonlinear Analysis A & B,* 10 *ESAIM COCV,* 11. *Annales de l'Institut Henri Poincaré (C) Analyse Non Linéaire,* 12. *Journal of Functional Analysis*. 13. *Discrete and Continuous Dynamical Systems-A.* 14. Zeitschrift fuer Angewandte Mathematik und Physik. 15. Mathematische Nachrichten. 16. Applicable Analysis. 17 Advances in Computational Mathematics. 18 Applied Mathematics and Optimization
  (**More than 100 papers refereed**.)

- **Reviewer for Mathematical Reviews:** a database for the mathematical sciences, by the American Mathematical Society. (**More than 100 papers reviewed**.)

- **Colloquium organizer and host.** February 2004: Professor Enrique Zuazua, Universidad Autónoma de Madrid.
- **Colloquium organizer and host.** April 2004: Professor Vilmos Komornik, University of Strasbourg.
- **Member of the departmental Hiring Committee**: 2007-2008, 2005-2006, 2004-2005, 2002-2003.
- **Course coordinator:** MAS 5145-Applied Linear Algebra, and MAP 5236-Mathematical Techniques of Operational Research.
- Independent Study- Partial Differential Equations (MAP 5326)- 1 student in Fall 2002.
- Independent Study-Numerical Analysis- 1 student in Summer 2005.
- **Colloquium organizer and host.** February 2006: Professor David Russell, Virginia Tech.
- **Colloquium organizer and host.** March 2006: Professor Vilmos Komornik, University of Strasbourg.
- **Professeur Invité**, University of Strasbourg, July 2007.
- Independent Study-Optimization (MAP 5236)- 1 student in Summer 2008.
- **Co-organizer and Chair of a technical session at the 5th World Congress of Nonlinear Analysts,** Orlando, July 02-09, 2008.
- **Member of the departmental Curriculum and Scheduling Committee**, 2008-2009.
- **Member of the CAS Curriculum Committee**, Spring 2009.
- **Member of the departmental Steering Committee**, 2009-2010, 2010-2011, 2011-2012.
- Independent Study-Probability Theory (STA 5446)- 2 students, Fall 2010.
- **Colloquium host.** June 28, 2012: Professor Vilmos Komornik, University of Strasbourg.
- **Member of the PhD Proposal Committee,** 2010-2011, 2011-2012.
- **Course proposal development** for the graduate course : Calculus of variations Fall 2012.
- **Visiting Scholar,** BCAM, Bilbao, Spain, 12/2012.
- **Faculty Senate:** CAS Senator, 2013-2014.
- **Colloquium host.** March 04, 2014: Professor Luz DeTeresa, UNAM, Mexico City.
- **Visiting Scholar,** Math Institute, UNAM, Mexico City. Mexico, 09/29-10/03/2014.
- **Visiting Scholar,** Math Dept, State University of Maringa, Brazil, December 03-17, 2014.
- **Co-organizer and Chair of a special session at the 11th AIMS Conference on Dynamical Systems,** Orlando, July 01-05, 2016.
- **Chair of a session at the IV Symposium on PDEs,** Maringa (Brazil), November 23-25, 2016.
- **Member of the departmental Curriculum and Scheduling Committee**, 2016-2017
- **Co-organizer and Chair of a special session at the Joint Mathematics Meetings,** Atlanta, January 04-07, 2017.
- **Colloquium host.** March 30, 2017: Professor Vilmos Komornik, University of Strasbourg.
- **Member of the departmental Curriculum and Scheduling Committee**, 2017-present.
- **Co-organizer and Chair of the International Conference on Applied Mathematics,** FIU Math Department, January 03-06, 2018.
- **Chair of a session at the Workshop on Control and Automatic**, University of Monastir, Tunisia, June 26-27, 2018.
- **Colloquium host.** November 1, 2018: Professor Roberto Triggiani, University of Memphis.
- **Visiting Scholar,** University of Puerto Rico, Rio Piedras Campus, 04/29-05/04, 2019.

- **Chair of a session at the Conference on Identification and Control: Some challenges.** University of Monastir, Tunisia, June 18-20, 2019.
- **Colloquium host.** November 4, 2021: Professor Roberto Triggiani, University of Memphis.
- **Co-organizer of a special session at the 13th AIMS Conference on Dynamical Systems,** UNC, Wilmington, NC, May 31 - June 4, 2023.