

EPSTEIN, JANICE LAURIE

Contact Information

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Education

- Ph.D. in Physics, Texas A&M University, 1992
- B.S. in Chemistry, University of California, Berkeley, 1982

In the Profession

- Instructional Associate Professor of Mathematics, Texas A&M University (September 2015)
- Special Assistant to the Director of Stakeholder & Community Relations Office, Brookhaven National Laboratory (September 2015, Joint Appointment at 50% time)
 - Primary duties in this position are working with the Educational Outreach group, promoting diversity, equity, and inclusion efforts in the workplace, fostering the STEM pipeline, and Government Relations work.
- 2013 – 2015: Instructional Assistant Professor of Mathematics, Texas A&M University
- 1999 – 2013: Senior Lecturer of Mathematics, Texas A&M University
- 2005 – 2007: Freshman Core Mathematics Coordinator, Texas A&M University
 - This position was created to interface between the Academic Professional Track Faculty teaching math service courses and the Associate Head for Operations.
- 2001 – 2008: Electronic Mathematics Homework Coordinator, Texas A&M University
 - When online homework was widely adopted, there was a need to have one person coordinate the dozens of instructors and thousands of students using the online homework systems.
- 1993 – 1999: Lecturer of Mathematics, Texas A&M University
- 1984 – 1992: Graduate Assistant (Physics), Texas A&M University
- 1982 – 1984: Graduate Assistant (Chemistry), Texas A&M University

Recent Professional Activities and Service (2015 – Present)

- **Co-Chair, Academic Course Guide Manual Advisory Committee for the Texas Higher Education Coordinating Board (Fall 2015 – Summer 2018, 20 hr/yr) *highest impact activities in red***
 - This committee approves all changes to courses taught at Community Colleges in Texas and their corresponding courses taught at Public Universities. This directly impacts the over 700,000 students in Community Colleges in Texas and indirectly impacts the 650,000 students in Public Universities.
- Caucus Leader, College of Science Caucus of the Faculty Senate (Summer 2021 – present, Summer 2012 – Spring 2015, 2 hr/mo)
- Member, Faculty Senate Executive Committee (2011 –2018, Summer 2021 – present, 8 hr/mo)
 - This is a leadership position in the senate
 - Members are elected by fellow senators
- Member, UICD/KUCD Task Force (Summer 2021 – present, 8 hr/mo)
 - Will examine how transferred courses should be applied to the Cultural Discourse graduation requirement.

- Senior Personnel, National Science Foundation Grant Proposal *SCC-PG: WISARD (Wholistic, Interconnected, Smart and Adaptive leaRning for Diverse students) Community: A wholistic machine learning approach for STEM education* (2021)
 - PI is Wendy Tang Associate Chair and Associate Professor Department of Electrical and Computer Engineering, Stony Brook University
 - Planning Grant submitted February 2021 with an anticipated start date of Fall 2021
 - This project will focus on a pipeline of mentoring diverse students from high school to graduate school in STEM disciplines. This will include “soft skills” such as leadership and communication.
 - Partners on this grant application include Hofstra University, NYIT along with two Long Island high schools and several private businesses.
- Member, Undergraduate Admissions Advisory Committee (2021)
 - Convened by Joe Pettibon, Vice President for Enrollment and Academic Services
 - This reporting committee provides advice on academic standards in undergraduate admissions policy, particularly for new freshmen
 - This committee has not yet started to meet.
- Member, Faculty Senate Bylaws Committee (2021, 4 hr/mo)
 - The Senate’s constitution is getting updated. This includes the definition of a faculty member and who is eligible to be a senator. These definitions are used broadly around campus for shared governance.
- **Faculty Senator, Texas A&M (Fall 2009 – present, 4 hr/mo)**
- Member, Core Curriculum Council (Fall 2007, Fall 2011 – present, 4 hr/mo)
 - This committee is a standing committee of the Faculty Senate that approves courses to be included in the University Core Curriculum and approves courses for the graduation requirements in International and Cultural Diversity. This committee developed and has approved courses for the new university requirement of a Cultural Discourse class.
 - Co-Chaired committee (Fall 2011 – Summer 2016)
 - New Core Curriculum submitted to the Higher Education Coordinating Board (2013)
 - <https://faculty senate.tamu.edu/Committees/Core-Curriculum>
- Team Leader, Brookhaven Summer Intern Program (Summer 2021, 6 hr/wk)
 - Team leaders support the summer interns outside of work with their mentors.
 - Responsible for a diverse group of 14 undergraduate students from around the country in the virtual internship program.
- Member, Pride Alliance (2018 – present, 8 hr/month)
 - An Employee Resource Group advocating for LGBTQ* members of the Brookhaven National Lab community.
 - <https://www.bnl.gov/pridealliance/>
- Member, Brookhaven Women In Science (2016 – present, 2 hr/mo)
 - Brookhaven Women in Science (BWIS) is a diverse and inclusive community that promotes equal opportunity and advancement for all women in support of world-class science.
 - <https://www.bnl.gov/BWIS/>
- Member, Gender Champions in Nuclear Policy (2020 – present, 1 hr/mo)
 - Part of a national organization (<https://www.gcuclearpolicy.org/>), this is being implemented at Brookhaven National Lab in 2021.
 - The goals include having more inclusive speakers at events, including more women on proposals and designing materials at meetings to be more equitable.
- Member, Cut The Red Tape Project (2019 – present, 2 hr/mo)
 - After a climate survey at Brookhaven National Lab, there were a number of inefficiencies identified in processes and procedures. This committee has been working on addressing these issues and bringing in suggestions from all employees at the lab.

- Member, Faculty Senate Election Committee (Fall 2009 – Spring 2020, 8 hr/yr)
 - Chair (Fall 2009 – Summer 2011, Fall 2013 – Fall 2014)
 - Reappointed for the Faculty Senate Elections (2010, 2014, 2017, and 2020)
- Member, Math Learning Outcomes Project for the Texas Higher Education Coordinating Board (Summer 2015 – Summer 2016, 2 days/yr)
- Reviewer, National Science Foundation (2016)
 - The grants were submitted to the Advanced Technological Education (ATE) program
 - ATE Projects awarded approximately 20-35 new awards, ranging from \$25,000 to \$300,000 per year and having duration of up to three years.

Books Published

- *Business Mathematics*, E. Tomastik and J. Epstein, Cengage Learning, 1st edition (2016)
 - This book was in use for Math 140 at Texas A&M from 2016 – 2020
 - The book is also used at SUNY-Old Westbury, Texas A&M-Galveston, UConn-Avery Point, UConn-Hartford, Valley City State University.
- ***Applied Finite Mathematics*, E. Tomastik and J. Epstein, Brooks/Cole, 2nd edition (2008)**
 - This book is in use at University of Connecticut and was at Texas A&M for Math 166.
 - Also was used at University of Illinois Urbana-Champaign for many years along with others colleges
- *Finite Math on the Web*, M. Pilant, J. Epstein, K. Bollinger, R. Hall, Y. Hester and A. Strader, Brooks/Cole, 3rd edition (2004)
 - Primarily used at Texas A&M for Math 141 and Math 166
 - First edition adopted in 2002 and was used for about 10 years.
- *Applied Calculus on the Web*, J. Epstein, J. Whitfield, K. Bollinger, M. Pilant, L. Chen and T. Kiffe, Thomson Higher Education, 1st edition (2004)
 - Primarily used at Texas A&M for Math 142
 - First edition adopted in 2004 and was in use for several years.

Honors and Awards

- **Leadership in Online Instructional Training Award, Department of Mathematics, Texas A&M University (2020)**
- Inaugural Walter Daugherty Faculty Senate Service Award (2020) Awarded annually to a member of the Faculty Senate who has displayed an uncommon devotion to the mission of the Senate.
- Richard Stadelmann Award for Service to the Faculty Senate (2012) Given to a senator in their first term for outstanding service to the faculty senate. Shared with Dale Rice for work on the new Core Curriculum.
- Outstanding Service Award, Department of Mathematics, Texas A&M University (2004)
- Outstanding Teaching Award, Department of Mathematics, Texas A&M University (2001)
- National Merit Scholar (1978)
- Alumni Scholarship, University of California, Berkeley (1978)
- Guest Coach (This is outreach about the academic mission of the athletic department.)
 - Texas A&M vs. Oklahoma Football Game (2004)
 - Texas A&M vs. Baylor Women's Basketball Game (2011)
 - Texas A&M vs. Kansas Football Game (2011)
 - Texas A&M vs. Troy State Men's Basketball Game (2012)
 - Texas A&M vs. Louisiana State University Football Game (2014)

Classes Taught (Texas Common Course Numbering equivalent or near equivalent)

- MATH 102 (1314): Algebra (www.math.tamu.edu/courses/math102/)
- MATH 140 (1324): Mathematics for Business and Social Sciences (www.math.tamu.edu/courses/math140/)
- MATH 141 (1324): Finite Mathematics (www.math.tamu.edu/courses/math141/)
- MATH 142 (1325): Business Calculus (www.math.tamu.edu/courses/math142/)
- MATH 147 (2413): Calculus I for Biological Sciences (www.math.tamu.edu/courses/math147/)
- MATH 151 (2413): Engineering Mathematics I (www.math.tamu.edu/courses/math151/)
- MATH 166 (1332): Topics in Contemporary Mathematics II (www.math.tamu.edu/courses/math166/)
- MATH 167 (1333): For All Practical Purposes (www.math.tamu.edu/courses/math167/)
- MATH 285: Honors labs for MATH 141 and MATH 166
- MATH 289: Aggie Access Learning Community

Courses Recently Coordinated

- Course Coordinators are responsible for maintaining departmental standards in service courses and parity among the multiple sections of a course. New instructors and graduate students are provided with mentoring on best practices in teaching and assessment. This includes effective lecture presentation, use of technology to keep your students engaged and writing good exams. The time commitment is approximately 1 hr/week per instructor coordinated.
- Spring 2021: Math 140
 - 12 sections taught with a total of 1300 students
 - 9 instructors of record (5 graduate students)
- Fall 2020: Math 167
 - 2 sections taught with a total of 100 students
 - 2 instructors of record (2 graduate students)
- Spring 2020: Math 141
 - 3 sections taught with a total of 200 students
 - 3 instructors of record (3 graduate students)
- Fall 2019: Math 141
 - 6 sections taught with a total of 600 students
 - 6 instructors of record (5 graduate students)
- Spring 2019: Math 141
 - 5 sections taught with a total of 400 students
 - 4 instructors of record (3 graduate students)
- Fall 2018: Math 141
 - 11 sections taught with a total of 1300 students
 - 7 instructors of record (5 graduate students)

Recent Undergraduate Teaching Mentees as Teaching Assistants (Each need 1 – 3 hours per week of mentoring)

- Rylie Fox, Math 140 (Fall 2020 – present)
- Alexis Ehlers, Math 140 (Fall 2018 – Spring 2020)
- Abigail Spiegelman, Math 141 (Spring 2017 – Spring 2018)
- Angelina Rock, Math 141 (Fall 2016 - Spring 2018)
- Nathaniel Butler, Math 141 (Fall 2015 – Spring 2017)
- Katherine Utech, Math 141 (Spring 2015 - Spring 2016)

Recent Graduate Teaching Mentees as Instructors of Record (Each need 1 – 3 hours per week of mentoring)

- Tekin Karadağ, Math 140 (Spring 2021)
- Alexander M. Ruys De Perez, Math 140 (Spring 2021)
- Dustin C. McPhate, Math 140 (Spring 2021)
- Lauren L. Snider, Math 140 (Spring 2021)
- Mingyu Liu, Math 140 (Spring 2021)
- Byeongsu Yu, Math 167 (Fall 2020)
- Amudhan Krishnaswamy-Usha, Math 167 (Fall 2020)
- Shuya Yu, Math 141 (Spring 2020)
- Tolulope N. Oke, Math 141 (Spring 2020)
- Kari Eifler, Math 141 (Spring 2020)
- Pablo Sanchez Ocal, Math 141 (Fall 2019)
- Burak Hatinoglu, Math 141 (Fall 2019)
- Adam Deaton, Math 141 (Fall 2019)
- Blake Boudreaux, Math 141 (Fall 2019)
- Elise Walker, Math 141 (Fall 2019)
- Christopher J. Bott, Math 141 (Spring 2019)
- Kari Eifler, Math 141 (Fall 2018 – Spring 2019)
- Sheagan A. John, Math 141 (Fall 2018 – Spring 2019)
- Oguz Gezmis, Math 141 (Fall 2018)
- Tolulope N. Oke, Math 141 (Fall 2018)
- Supun T. Samarakoon, Math 141 (Fall 2018)

Research Interests

- Web based delivery of course materials and assessments and technology enhanced classrooms
- Success and retention factors in freshman mathematics
- Diversity in STEM fields
- STEM pipeline

Funding – Total Awarded as PI or co-PI \$851,140

- Brookhaven Science Associates, LLC, Joint Appointment Overarching Agreement, PI: Janice Epstein, \$280,821, 2019 – 2021
 - Administered by Texas A&M Sponsored Research Services (SRS)
 - Indirect Cost Rate 8.5%
- Brookhaven Science Associates, LLC, Joint Appointment Overarching Agreement, PI: Janice Epstein, \$220,492, 2015 - 2018
- Texas A&M University, ADVANCE Center for Women Faculty: “Women’s Community Building Initiative,” PI: Jill Zarestky, \$7,100 (plus \$2000 in matching funds from the Department of Mathematics), 2012–2014
- THECB (Texas Higher Education Coordinating Board): “Course Redesign for Math 1324,” PI and director: G. Donald Allen, co-PI Janice Epstein, \$349,827, July 20, 2007 – August 31, 2009, TAMRF #0701594.
- Brooks/Cole: “Applied Calculus on the Web,” PI Michael Pilant, \$130,000, September 1, 2002 – August 31, 2003.
- Brooks/Cole: “Finite Math on the Web,” PI Michael Pilant, \$130,000 September 1, 1997 – August 31 1999.

Curriculum Development

- **Developed a Fully Online Business Precalculus Course for Texas A&M with Jennifer Whitfield**
 - The experience of developing and implementing this fully online course was critical to helping the department move online in March 2020.
 - This is a first for the Math department to have a freshman level service course taught fully online. We are employing an online proctoring service to ensure comparable testing security to the in-person courses.
 - Offering more fully online service courses is an expected follow-up to this course.
 - Additional supplemental videos are available for all student in Math 140 since Fall 2019
- Developed a Hybrid Business Precalculus class with SUNY Old Westbury and Texas A&M
 - The motivation for this hybrid model came after teaching a jumbo course with 200+ students in Spring 2015. The idea was for students to watch the lectures online and then meet in small (about 25 students) classes with an undergraduate TA.
 - In the small class, the students have prepared activities to work on in teams.
 - A side benefit to this model is the course no longer required a large lecture hall, except for testing in the evening.
 - The students in the hybrid course report better satisfaction with the course size and one-on-one help from their TA and team members. There is less satisfaction with the responsibilities of watching the videos before class each week.
 - Analysis of the effectiveness of this course model is ongoing.
- Developed Math 140 (Summer 2015 – present)
 - This new course is in response to the new learning outcomes for the Texas Common Course Math 1324. Our students were at a disadvantage when taking our Math 141 since it did not contain the Precalculus material expected by the state.
- Developed class notes, videos and online homework for Math 167 (Fall 2011 – Spring 2016)
 - This course was developed to help fulfill the need for a non-calculus based class for students who need to complete 6 hours of Mathematics for the core.
 - The class covers topics like Graph Theory, Voting Methods, Cryptography, and Apportionment making mathematics relevant to non-STEM majors without a heavy algebra burden.
- Developed online homework for Finite Math (Spring 2001 – Fall 2011)
 - The online homework available from publishers often does not contain the rigor needed for courses at Texas A&M, so I coded (mostly in PERL) additional homework for our non-Calculus freshman math courses.
- Redesign of Finite Mathematics (July 2007 – Fall 2011)
 - This effort was funded by the State of Texas to improve student outcomes in courses that had high student enrollment which included Math 1324 (our Math 140 and Math 141).
 - The course was taught with interactive videos that the students watched before class and teamwork activities done during class time. The work done as part of this grant is still in use at Texas A&M.
- Online homework sets for Math 131 on WebAssign in PERL (August 2007 – May 2008)
- Developed labs for Math 141 and Math 166 Honors (Fall 2003 – Spring 2015)
 - Used technology (Excel and Maple) to enhance the understanding of the concepts being learned in class, including regression, solving systems of linear equations, linear programming, probability and statistics, and finance.
 - Gave students the opportunity to practice writing mathematical reports of a real-life situation.
- Proposed Math 167 with Peter Kuchment and Mila Mogilevsky (Spring 2009)
- Introduced graphing calculator use in Finite Math classes (1994)

Presentations

- *Moving Your Course Online*, March, April and May 2020, Department of Mathematics
- *The Problems with Apportionment*, March 2016, AMUSE Seminar, Department of Mathematics
- *Effective Use of Technology in Freshman Mathematics Courses*, October 2014, Promotion Colloquium, Department of Mathematics
- *The Problems with Apportionment*, April 2012, Math Mini Fair, Texas A&M University
- *Redesigning Mathematics For The 21st Century Classroom*, March 2009, 21st Annual International Conference on Technology in Collegiate Mathematics
- *Applying Technology to Course Redesign*, February 2008, Texas A&M Teaching with Technology Conference
- *ThomsonNOW Overview*, February 2007, Texas Community College Teachers Association Annual Meeting
- *Using Finite Math on the Web in Business Math Classes*, November 2004, University of Illinois Urbana-Champaign Faculty Seminar
- *Algorithmic Homework in Finite Math– What are the Benefits?*, October 2004, 17th Annual International Conference on Technology in Collegiate Mathematics
- *Finite Math on The Web – Core Mathematics Delivered Via the Web*, October 2003, 16th Annual International Conference on Technology in Collegiate Mathematics

Publications in Refereed Journals (Primary author listed first, h-index is 6)

- Structure and Excitations of Liquid Helium Films, J. Epstein and E. Krotscheck, Phys. Rev. B 37, 1666 (1988)
- Impurity States in Liquid Helium Films, E. Krotscheck, M. Saarela and J.L. Epstein, Phys. Rev. B 38, 111 (1988)
- Quasiparticle Interaction and Magnetic Susceptibility of ^3He on ^4He films, E. Krotscheck, M. Saarela and J.L. Epstein, Phys. Rev. Lett. 61, 1728 (1988)
- Effective Mass of ^3He Impurities in ^4He Films, J.L. Epstein, E. Krotscheck and M. Saarela, Phys. Rev. Lett 64, 427 (1990)
- Dynamics of Helium Films, B. E. Clements, J.L. Epstein, E. Krotscheck, M. Saarela and C.J. Tymczak, J. Low Temp. Phys. 89, 585 (1992)
- Structure of boson quantum films, B. E. Clements, J. L. Epstein, E. Krotscheck, M. Saarela, Phys. Rev. B 48, 7450 (1993)

Other Publications (Primary author listed first)

- Quasiparticle interaction of ^3He impurities on ^4He films, M. Saarela, E. Krotscheck and J. L. Epstein, AIP Conference Proceedings 194, 227 (1989)
- Structure, Excitations and Impurity States of Liquid Helium, J.L. Epstein, Dissertation, Texas A&M University (1992)
- Pilant, M., Hall, R., Epstein, J., Hester, Y. & Strader, A. (2000). Issues Involved in a Large Scale Implementation of Web-Based Mathematics Instruction. In Proceedings of International Conference on Mathematics / Science Education and Technology 2000 (pp. 334-339).
- Janice Epstein and Michael Pilant, Finite Math On The Web - Core Mathematics Delivered Via The Web, 16th Annual International Conference on Technology in Collegiate Mathematics Proceedings (2003)
- Janice Epstein, Algorithmic Homework In Finite Math– What Are The Benefits?, 17th Annual International Conference on Technology in Collegiate Mathematics Proceedings, (2004)
- Janice Epstein and Jill Zarestky, Algorithmic Redesigning Mathematics For The 21st Century Classroom, 21st Annual International Conference on Technology in Collegiate Mathematics Proceedings, (2009)

Outreach

- Organizer, Pride Month Celebrations at Brookhaven National Lab (2021, 8 hr/mo)
- Organizer, My Brother's Keeper Collaborations with Brookhaven National Lab (2021, 4 hr/mo)
- Reader, Section of Amanda Gorman's *The Hill We Climb* for Black History Month at Brookhaven National Lab, <https://www.bnl.gov/video/index.php?v=694> (February 25, 2021)
- Judge, Department of Energy High School Science Bowl (2020 – 2021, ½ day)
- Facilitator, Art Room for Math Fair at Texas A&M University (2015 – 2017, 2021, 1 day/yr)
- Member, United Way Campaign for Brookhaven National Lab (Fall 2016 – present, 8 hr/yr)
- Facilitator, Art Room for Brookhaven National Lab Summer Sundays (Spring 2017 – 2019, 2 days/yr)
- Facilitator, Student Conference on Latinx Affairs (Spring 2017, 2 days)
- Participant, My Brother's Keeper Program (Spring 2016 – Spring 2017, 2 days/yr)
- Attendee, Long Island Mathematics Teachers Conference (March 2017, 1 day/yr)
- Teacher, SEE Math Camp (Summer 2002 – 2015, 1 week/yr)
- Participant, Brazos Valley Math Teachers Circle (2010 – 2011, 2 days/yr)
- Judge, Texas Junior Academy of Science (2006 – 2011, 1 day/yr)
- Judge, Brazos Valley Regional Science Fair (2004 – 2006, 1 day/yr)
- Volunteer, Unity Youth Group (Fall 2004 – 2009, 1 day/mo)
- Facilitator, Math Booth, Physics Festival (2003 – 2013, 1 day/yr)
- Volunteer, Hawking Mini-Exploration Place (2003 – 2004, 1 day/yr)
- Volunteer, College of Science Open House (Sep 2003, 1 day)
- Coach, Math Olympiad for Oakwood Intermediate School (2000 – 2003, 8 hr/mo)
- Coach, UIL Number Sense Team for Southwood Valley Elementary (1998 – 2001, 8 hr/mo)

Consulting

- Lead Teacher, Thomson Higher Education (2004 – 2008, 3 days/yr)
- Power Users, Thomson Higher Education (2004 – 2008, 2 days/yr)
- Review of Algebra Diagnostic Tool, Brooks/Cole (2003, 5 days)
- Textbook Review of Calculus and Its Applications by Goldstein/Lay/Schneider (1999)
- Accuracy Review of Brief Calculus by Tomastik (1998)
- Textbook review of Applied Calculus by S.T. Tan (1997)
- Textbook review of Brief Calculus by Tomastik (1997)
- Sample Questions for Electronic Companion to Calculus by Cogito Learning Media (1997, 5 days)

Professional Development

- Women in Math Mentoring lunches (2016 – present, monthly)
- Out Alliance (<https://outalliance.org/>) Workshop June 2019, 1 day
- College of Science Lunch and Learn LGBTQ + 101, Feb. 2017
- College of Science Lunch and Learn on Addressing Racial and Ethnic Microaggressions, Dec 2016
- QPR (Question Persuade Refer, Suicide Prevention Gatekeeper training) June 2016, ½ day
- Green Dot Training (Active Bystander Intervention program), Jan 2016 ½ day
- Texas A&M Disability Services Workshop (Galveston, 2008, 2 days)

Past Professional Activities and Service In Mathematics

- Chair, Mathematics Rubrics for Core Curriculum Committee (Spring 2015)
- Chair, Math 167 Textbook Selection Committee (Spring 2015)
- Course Coordinator or Week-in-Review for Math 141, 142, or 166 (1995 – Spring 2015)
- Member, Women In Mathematics Steering Committee (Summer 2014 – Summer 2015)

- Member, ADVANCE Women In Math Committee (Spring 2011 – Summer 2014)
- Member, Department of Mathematics Subcommittee L (Summer 2012 – Summer 2014)
- Member, Department of Mathematics Online Homework Committee (2011 – 2012)
- Math 166 Curriculum Committee (Spring 2007)
- Honors Market (Spring 2006 – Spring 2008)
- Finite Mathematics Text Search Committee (Fall 2005 – Spring 2006)
- Reviewed teaching of lecturers (2003 – 2005)

Past Professional Activities and Service Outside of Mathematics (College and University)

- Member, Faculty Senate Committee on Committees (Fall 2013 – Spring 2015, 4 hr/yr)
 - Allocated SEC Travel Grants
 - Selected finalists for Regents Professor Award and Presidential Professor Teaching Excellence Award
- Member, University Disciplinary Appeals Panel, Texas A&M (Fall 2006 – Summer 2015, 6 hr/mo)
- Member, Council for the Built Environment Facilities Utilization Sub-Council (Summer 2015, 2 hr/mo)
- Member, Classroom Visioning Task Force (Summer 2014 – Fall 2015, 4 hr/mo)
- Member, Texas A&M University Academic Calendar Task Force (Spring 2013 – Spring 2014, 2 hr/mo)
- Member (non-voting), Council for Strategic Budgeting (Fall 2013 – Spring 2014, 2 hr/mo)
- Editor, Faculty Senate Bulletin (Fall 2011 – 2014, 4 hr/mo)
- Member, HSC-TAMU Faculty senate merger committee (Summer 2013, 2 days)
- Member, Faculty Senate Academic Affairs Committee (Fall 2012 – Spring 2013, 3 hr/mo)
- Member, Instructional Technology Advisory Committee (Fall 2012 – Spring 2013, 3 hr/mo)
- Member, Faculty Senate Personnel and Welfare Committee (Fall 2009 – Summer 2011, 4 hr/mo)
 - Proposed a University Anti-Bullying Policy passed by the Senate June 2010
- Member, Provost Search Committee (Summer 2010 – Spring 2011, 8 hr/mo)
- Chair, College of Science Caucus of the Faculty Senate (Summer 2010 – Summer 2011, 2 hr/mo)
- University Second Life Committee, Texas A&M (Fall 2008 – Spring 2009, 2 hr/mo)
- University Student Response System Committee, Texas A&M (2006, 2 hr/mo)
- Substitute Faculty Senator, Texas A&M (Fall 2007, 4 hr/mo)
- University Planning Committee (Fall 2007, 3 hr/mo)
- University Scholar Selection Committee (Spring 2007, 1 day)