

CURRICULUM VITAE
Kristine M. Garza

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Univ. Texas at El Paso
500 W. University Ave.
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EDUCATION: B.S. Biology, May 1991
St. Mary's University, San Antonio, TX
Graduated with Honors and Summa cum laude

Ph.D. Microbiology, January 1998
University of Virginia, Charlottesville, VA
Mentor: Kenneth S. K. Tung, M.D.
Dissertation: The Role of Peptide Self-Antigen in the Induction
of Autoimmunity and Tolerance

EMPLOYMENT

2016 - present Associate Dean for Student Success, College of Science
Director, Central Office for Readiness & Engagement

2015 Univ. of Texas at El Paso (UTEP)
Associate Director, College of Science Advising Center

2013 – present Univ. of Texas at El Paso (UTEP)
Dept. of Biological Sciences, Associate Professor

2012 - 2013 Society for Advancement of Chicanos /Hispanics & Native Americans in Science
Interim Executive Director
(on leave-of-absence from UTEP)

2009 – 2012 Univ. of Texas at El Paso (UTEP)
Border Biomedical Research Center
Deputy Director

2006 – 2012 Univ. of Texas at El Paso (UTEP)
Dept. of Biological Sciences, Associate Professor

2000 – 2006 Univ. of Texas at El Paso (UTEP)
Dept. of Biological Sciences, Assistant Professor

1998 – 2000 Ontario Cancer Institute
Dept. Immunology, Postdoctoral Fellow (with Pamela S. Ohashi)

TEACHING and MENTORING

TEACHING / MENTORING HONORS and AWARDS

2019 - 2021 UTEP Academy of Distinguished Teachers Executive Council (Secretary)

2019 Inducted into the UTEP Academy of Distinguished Teachers

2016 American Society for Cell Biology (ASCB) Minorities Affairs Committee Linkage Fellows
Award

2015-2017 PLAL (Project Kaleidoscope) Advisory Board, American Association of Colleges and
Universities initiative 'Teaching to Increase Diversity in STEM' (TIDES)

2015-2017 Teaching Fellow, UTEP's Center for Excellence in Teaching and Learning (CETaL)

2015 Undergraduate Student Choice Award for Outstanding Teaching - Fall

2015 Highlighted as "The Minority Microbiology Mentor" – American Associate for
Microbiologists

2014 – 2016	Mentor for three University teams for the American Association of Colleges & Universities “Teaching to Increase Diversity in STEM (TIDES)” Institute
2010	Regents Outstanding Teaching Award (Texas Board of Regents)
2010	Distinguished Achievement Award in Teaching for the College of Science
2009	Distinguished Achievement Award for Service to the College of Science
2008-2009	National Academies Education Mentor in the Life Sciences
2008	Jack Bristol Distinguished Achievement Award in Teaching
2007-2008	National Academies Education Fellow in the Life Sciences
2007	Participant, National Academies Summer Institute on Undergraduate Education in Biology
2005-2007	Teaching Fellow, UTEP’s Center for Excellence in Teaching and Learning (CETaL)
2004	Nominated for the Jack R. Bristol for Teaching Excellence Award
2004	Fellow of the IMPACT and Leadership Summer Institute

FUNDING for RESEARCH TRAINING and MENTORING

2015-2019	NSF-Undergraduate Research Mentoring (Co-PI - \$500,000)
2009-2014	NSF-Undergraduate Research Mentoring (Co-PI - \$650,000)
2009-2012	NSF-Research Experience for Undergraduates Program (PI, Program Director - \$320,413)
2008	LI-COR Bioscience Genomics Education Matching Funds Grant (PI - \$50,000)
2007-2011	Howard Hughes Undergraduate Science Program (Co-PI, Program Director - \$1,500,000)
2004-2008	NSF-Research Experience for Undergraduates Program (PI, Program Director - \$433,766)
2002-2004	NSF-Research Experience for Undergraduates Program (PI, Program Director - \$140,000)
2000-2001	UTEP – Model Institutions for Excellence Initiative Grant (PI - \$10,000)

INVITED SEMINARS in RESEARCH TRAINING and MENTORING

- Webinar, “Belonging”, UTEP Summer Series for the Entering Student Experience, July 2, 2021
- Presenter, “Advising at an HSI”, National Association for College Admission Counseling, March 13, 2021
- Guest speaker, “Being Latina in STEM”, Upward Bound, January 16, 2021
- Career Panel, “Women In Science”, Texas Women’s University, TWU Celebration of Science, Denton, TX, October 18, 2019
- Guest Speaker, University of Texas Health Sciences Center at San Antonio, Initiative for Maximizing Student Development (IMSD) Retreat, San Antonio, TX, “Working for science administration or science non-profit”, July 18, 2015
- Keynote speaker, Emory University Laney Graduate School STEM Research and Career Symposium, Atlanta, GA, “Lessons learned as a Chicana in STEM”, March 26, 2015
- Guest speaker, Latinitas, El Paso, TX, “What does it take to be a Chicana scientist”, November 1, 2014.
- Keynote speaker, Annual University of Texas LSAMP Program, El Paso, TX, “The role of undergraduate research training in diversifying the STEM workforce”, September 27, 2014.
- Keynote speaker, LSAMP and Bridges Programs End of the Summer Symposium, “Advantages and Benefits of Undergraduate Research Experience”, July 25, 2014.
- Keynote speaker, Hispanic Heritage Month, University of the Incarnate Word, San Antonio, TX. “The SACNAS movement and its contributions to our Hispanic heritage”, October 3, 2013.
- Keynote speaker, Hispanic Heritage Month, Alamo College, San Antonio, TX. “The SACNAS movement and it’s contributions to our Hispanic heritage”, October 2, 2013.
- Keynote speaker, 2013 Research Symposium and Graduation Ceremony – REU Site in Molecular Biosciences, Colorado State University. “The making of a Chicana scientist”, July 30, 2013.

- Keynote speaker, 13th annual MESA Transfer Banquet, San Joaquin Delta College. May 3, 2013.
- American Association of Hispanics in Higher Education (AAHHE), Panelist for a plenary session “Science Technology Engineering, and Mathematics (STEM): A Critical Need”, March 30, 2013.
- Panelist, MESA (Mathematics, Engineering Science Achievement) Leadership Retreat, “What does it take to become a scientist?”. March 22, 2013.
- Keynote speaker, UTSA Women’s Studies Institute, Women’s History Month 2013 – Inspiring Innovation Through Imagination: Women in STEM and the Humanities. “Science, Technology, Engineering and Mathematics (STEM): Contributions of Women”. March 5, 2013.
- Keynote speaker, 2013 Emerging Researchers National (ERN) Conference in STEM. “Science contributions of Chicanos and American Indians”. March 2, 2013
- Guest speaker, Science Career Expo at Mission Early College High School, “Career Options in STEM”. May 20, 2011.i
- Spoke to the student participants of the UTEP NSF-STEM Program (on becoming a scientist). January 25, 2011.
- Discussion Panel and presentation to 1st year UTEP Doctoral Students (Title V grant activity). “Balancing Professional and Personal Lives”. March 29, 2011.
- Panelist, 2011 NSF ADVANCE Program Meeting: “Faculty Mentoring at Minority Serving Institutions”. November 14, 2011.
- Guest speaker, Mission Early College High School. “Career Opportunities in STEM”. May 27, 2010.
- Guest speaker, LS-AMP Student Research Conference. “Job opportunities for students with research backgrounds.” September 17, 2010.
- Guest seminar speaker, University of Virginia, 2009 Summer Research Internship Program. “Navigating graduate school as a person of color”. June 16, 2009.
- Keynote Speaker, Univ. of Colorado at Denver (Aurora Campus), The Rocky Mountain Regional SACNAS Meeting, “The Making of a Chicana Immunologist: Lessons Learned”. Aug. 28-29, 2009.
- Panelist for an ADVANCE workshop “Gender and Communication: Issues in the Academic Work Place”, October 9, 2009
- Guest seminar speaker, University of Virginia, 2009 Summer Research Internship Program. “Navigating graduate school as a person of color”. June 16, 2009.
- Guest seminar speaker, California State University at San Marcos, “Lessons learned a Chicana scientist”, Feb. 26, 2009.
- Keynote Speaker, Purdue University, SACNAS Midwest Regional Meeting, “The making of a Chicana immunologist”. Feb. 21, 2009.
- Guest speaker, Parkland High School Science Dept. Professional Development Workshop – “Graduate Students Have Marketable and Life-long Intellectual Skills that Meet the Career Challenges of the 21st Century.” Feb. 28, 2008.
- Co-presenter, Career Development Workshop with Ignacio Camarillo (Princeton University) at the 2008 Annual SACNAS Conference entitled “Writing an Effective Abstract”. Salt Lake City, UT, Oct. 12, 2008.
- Co-Presenter, Career Development Workshop with Malika Bell (Univ. California, Santa Cruz) at the 2008 Annual SACNAS Conference entitled “The Art of Poster Making”. Salt Lake City, UT, Oct. 12, 2008.

- Member, panel presentation on “Cultural Competency in Mentoring of Undergraduate Students”, with specific focus on the [issues of recruitment, retention, and progress toward graduate careers and jobs that impact underrepresented students]. My contribution was a focus on Hispanic students. UMEB/URM Directors-PI Meeting. Arlington, VA (NSF), October 15-17, 2008.
- Speaker, “Utilizing NSF Funds at Minority Serving Institutions: The UTEP Summer REU Program”. NSF Day at Paul Quinn College, Dallas TX. Apr. 6, 2004.
- Speaker, “Surviving the rigors of graduate school”. FASEB Visiting Scientist Program, California State University – Dominguez Hills, Dominguez Hills, CA, May 6-7, 2004.
- Guest speaker, “The making of a minority immunologist”. Colorado State University REU Program, Colorado State University, Fort Collins CO. Aug. 4 – 5, 2004.
- Co-Presented with I. Camarillo and R. Ortiz, R., “Developing the Foundation of Essential Career Skills: Writing an Effective Abstract”. Society for the Advancement of Chicanos and Native Americans, Oct. 21 - 24, 2004, Austin TX.
- Panelist member for a discussion on “How do we recruit minority students?”; NSF-Research Experience for Undergraduates Program Workshop; Arlington, VA. Sept. 25 – 28, 2003.

INVITED SEMINARS and PRESENTATIONS in TEACHING

- Garza, K.M., Olimpo, J., Robertson, W., Darrouzet-Nardi, A., and Roychowdhury, S. “AER for Introductory Biology Courses for Majors”. Arizona State University, virtual conference titled “REMOTE” (“the connected faculty summit”) (June 18, 2021).
- Garza, K.M. UTEP GK-12 Program Yearly Retreat. “Teaching Scientifically”. Ruidoso, NM. (July 7, 2014).
- Garza, K.M. UTEP-HHMI Science Education Program. “Scientific Teaching”. UTEP, El Paso, TX. (July 11, 2012).
- Presented to the Math, Chemistry, and Physics Peer Leaders during their orientation. “How to use RATs and ABCD cards as an effective collaborative learning tool”. (August 17, 2011)
- Aley, S. B., Darnell, A., Maldonado-Medina, R. A., Garza, K. M., Transforming Undergraduate Education in Biology: Mobilizing the Community for Change, "Increasing Graduate-Level Success Among Underserved Students Through Meaningful Undergraduate Research Experience," National Science Foundation, Washington, D.C.. (July 15, 2009).
- 2006 Univ. of Texas System Louis Stokes Alliance for Minority Participation (LSAMP) Conference, “Engaging Biology Students: Teaching to the Active Learner”, El Paso, TX, (Sept. 22, 2006)
- Garza, K.M. and L. E. Martinez. International Sun Conference on Teaching and Learning, “Chemistry-Biology Learning Communities”, El Paso, TX (March 2002)
- Garza, K.M. and L. E. Martinez. Teaching for Change: Weaving the Web of Community, “Chemistry-Biology Learning Communities”, Steamboat Springs, CO (June 2001)

TEACHING WORKSHOPS and RETREATS ATTENDED

- June 29 – July 3, 2015: American Association of Colleges & Universities – 2015 Teaching to Increase Diversity in STEM (TIDES), Institute, Washington, D.C.
- July 8 – 12, 2014: American Association of Colleges & Universities – 2014 Teaching to Increase Diversity in STEM (TIDES), Institute Washington, D.C.
- August 21, 2014: CETaL Faculty Retreat – “Scholarly Teaching” and “Inquiry Based Learning”.

- August 27, 2014: Excellence in Mentoring Lecture Series – August 2014. Guest Speaker: Lorraine Gutierrez, Ph.D., “Mentoring Diverse Students”. Attended with my ESE Ph.D. student to develop a ‘mentoring plan’ (materials and guidance provided at the seminar).
- Oct. 20-22, 2011: Compact for Faculty Diversity/Institute on Teaching and Mentoring. Atlanta, GA.
- Aug. 1 – 5, 2011: Served as a “facilitator” for the Mountain West Science Teaching Institute. Sponsored by the Howard Hughes Medical Institute. Colorado Springs, CO.
- February 2-4, 2011: invited to attend the University of Arkansas Graduate Research Opportunities Forum. Fayetteville, AR.
- Feb. 2010: Discussion, "Service learning in STEM disciplines," UTEP, College of Science.
- Aug. 19, 2010: CETaL Workshop, “Teaching Large Classes”
- Oct. 2010: Campus Office of Undergraduate Research Initiatives (COURI) Brain Storming Session, “Integrating research into undergraduate curriculum”, UTEP
- Oct. – Nov. 2010: Assisted with the development of the “Transformation in Medical Education” proposal (specifically, the 3+1 curriculum for Biology, Microbiology, and Mol./Cell. Biochemistry degrees), UTEP.
- Feb. 22-24, 2009: Attended the National Academies Summer Institutes on Undergraduate Education in Biology Mid-Term Meeting.
 - attendees of the 2008 session were asked to report briefly on activities since the Summer Institute, including, how the SI has influenced teaching and student learning, the status of the mentoring seminar, and activities related to disseminating information from the SI to colleagues, graduate students postdocs, and others.
- June 22 – 28, 2008: Served as a Mentor for the National Academies Summer Institutes on Undergraduate Education in Biology in Madison, WI.
- August 23rd and October 17th, 2007: “Student Writing Workshops” sponsored by Language Arts Work Group of the Teachers for a New Era (TNE) Initiative. The theme of the workshop series was “creating effective writing assignments that support student learning within subject areas.” I attended two of the three workshops.
- June 24 – 30, 2007: National Academies Summer Institutes on Undergraduate Education in Biology in Madison, WI (Attendance was based on selection of a submitted proposal).
 - “The Howard Hughes Medical Institute and the National Academies invite research university faculty to build teaching skills and transform the undergraduate biology classroom at a week-long gathering in beautiful Madison, Wisconsin. This unique Summer Institute on Undergraduate Education in Biology is crafted to model the scientific teaching principles on which it is founded and draws on the expertise of both participants and presenters. Current and seminal research, active learning, assessment, and diversity weave through the week, creating a foundation for participants to share ideas and develop innovative instructional materials which they implement when they return to their own campuses.”
- Mar. 28-30, 2007: Innovative Educators Conference, San Antonio, TX, “Latino Students: Promoting Access and Success”
- March 2006: As a CETal (Center for Effective Teaching and Learning) Fellow, I developed a teaching curriculum for faculty in the teaching pedagogy of “Teaching Through Problem-Solving” presented at the International Sun Conference on Teaching and Learning.
- August 2005: Was selected to participate in the CETaL initiative entitled “Teaching Large Classes Academy”
- August 2004: CETaL Fall Retreat (“Do You Really Know What Your Students Are Learning”)
- November 2004: CETaL Workshop Entitled “Thinking Critically about the Teaching of Thinking Critically”

- August 2003: CETaL Fall Retreat (“Designing Courses to Promote Critical Thinking”)
- June 2002: Selected to attend the Washington University “Bridging Research and Teaching in Immunology Workshop”, St. Louis, MO.
- August 2002: CETaL sponsored “L. Dee Fink: A Guide to Designing Courses for Significant Learning”
- January 12, 2001: CETaL sponsored “First Day of Class: Impressions/Syllabus” Workshop
- February 5, 2001: CETaL sponsored “Testing Strategies” Workshop
- June 2001 - “Teaching for Change: Weaving the Web of Community” Conference, Steamboat Springs, CO.
- August 20-21, 2001: CETaL sponsored “Barbara Mills: Cooperative Learning: Using Group Activities Wisely and Well & Using Cooperative Learning to Achieve Meaningful Learning Goals” Workshop
- August 24-25, 2000: Center for Effective Teaching and Learning (CETaL) sponsored “Johnson and Johnson Cooperative Learning” retreat.

TEACHING, MENTORING, and TRAINING ACTIVITIES

Teaching Responsibilities:

- Molecular Cell Biology and teaching laboratory (upper division undergraduate course required by 4 of 5 offered degree plans in Biological Sciences)
- Senior Seminar (capstone course)
- Professional Development (required for all juniors)
- General Biology (introductory course required by all biology students, nursing students, and pre-pharmacy students; focused on cell biology)
- RISE Seminar (writing and ethics course for RISE undergraduates)
- Special Topics in Biology – Clinical Immunology (upper division elective for undergraduates)
- Immunology teaching laboratory
- Current Concepts in Cell Biology (graduate course)
- Current Concepts in Immunology (graduate course)

2019 – 2021 Member of the pilot working group on course redesigns for BIOL 1305 and 1306, through the UTEP-APLU (Association of Public and Land-Grant Universities) Adaptive Courseware Initiative. Goals for implementation include:

- Utilization of the Blackboard Early Alert System
- Possibly adopting an Open Education Resources (OER) to bring down student costs on books
- Adoption of Adaptive Courseware (AC) for extensive use in the re-modeled courses

The group includes five instructors (three for BIOL 1305 and two for 1306). OER and AC were evaluated to determine which to use for pilot sections. Instructors also worked together to assess course alignments and to create a common core that aligned with core competencies as outlined in NSF Vision and Change in Undergraduate Biology Education.

2019 Executive Committee – UTEP Academy of Distinguished Teachers

2019 Review Panel: National Science Foundation, Division of Biological Infrastructure, Research Experience for Undergraduates

2018-2021 Collaborator, “Rise to the Challenge” Bridge Program – NIH-funded bridge program between EPCC and UTEP or NMSU. Our role was to provide advising and professional

- development support for the bridge student as they transition to UTEP
- 2018 Panelist Reviewer: 2019 HHMI-Gilliam Program, Stage 3
- 2018 Review Panel: National Science Foundation, Division of Biological Infrastructure, Research Experience for Undergraduates
- 2015 – 2017 Member, PKAL (Project Kaleidoscope) Advisory Board, Association of Colleges and Universities
- 2015 - 2017 Teaching Fellow for the College of Science, UTEP’s Center for Excellence in Teaching and Learning (CETaL)
- 2014 – 2020 Member, Advisory Board for the Campus Office of Undergraduate Research Initiatives
- 2014 – 2019 Faculty representative from the College of Science for Advising Team, Dept. of Education Title V grant – Activity One - to develop UTEP’s Unit for First-Year Retention, Success and Transition – U-FYRST – to increase retention and degree completion.
- 2014 - 2016 University Mentor for the American Association of Colleges & Universities – 2014 Teaching to Increase Diversity in STEM (TIDES), Institute Washington, D.C.
- 2013- 2017 Chair, Departmental Instruction Evaluation Committee
- 2013 – 2017 Mentor/Tutor, UTEP National Science Foundation S-STEM Program
- 2012 – 2016 Member and mentor, Regent’s Outstanding Teaching Award review committee (for the College of Science and for the Provost’s office)
- 2009 – 2011 Together with Drs. Aley and Maldonado, and with the HHMI Program Coordinator, we put together an “Entering Research Workshop” based on the publication of the same name (held June).
- 2009-2011 Review Panelist, Life Sciences panel for the National Research Council Research Associateship Programs
- 2009 Together with Malika Bell (Staff Director for the MARC, MBRS, and CAMP Programs at the University of California, Santa Cruz), we made two on-line “video tutorials” for SACNAS.
 - The tutorials covered “How to Write an Effective Abstract” and “How to Put Together an Effective Poster”
- 2008 - 2012 Member, Advisory Board for the Medical Profession Institute at UTEP
- 2007- 2016 Member, Advisory Board for the UTEP Minority Access to Research Careers (MARC) Program
- 2007 – 2012 Director, UTEP-HHMI Undergraduate Research Teaching Laboratory
- 2007 - 2012 Member, Advisory for the UTEP Research Initiative for Scientific Enhancement (RISE) Program
- 2007 - 2012 Site Visitor and Review Panelist, NIGMS Minority Program Research Committee, Panel A (review of various training programs: RISE, IMSD, IRACDA, MARC, and Bridges)
- 2007 – 2010 Member of the Biology Research Experience for Undergraduates Leadership Council Steering Committee (Bio REU LC)
- 2006 Member of the UTEP Cooperative/Collaborative Group, a group designed to discuss and disseminate information on “active” learning so as to generate a paradigm shift on our campus
- 2005 - 2007 Teaching Fellow, UTEP’s Center for Excellence in Teaching and Learning (CETaL)
- 2003 - 2007 Member, St. Mary’s University MARC U-STAR External Advisory Committee
- 2003 - 2006 Chair of the “Infectious Disease and Immunology” Ph.D. Qualifying Committee

- 2003 - 2004 Member of the undergraduate curriculum development committee (for biomedical track – Biology and Microbiology majors)
- 2002 - 2011 Member, NSF-Research Experiences for Undergraduates (REU) in Biology Review Panel

LEADERSHIP and SERVICE

LEADERSHIP ACTIVITIES

- 2019 – 2021: Executive Committee, UTEP Academy of Distinguished Teachers
- 2016 – present: Associate Dean for Student Success, College of Science
- 2016 – present: Director, College of Science Central Office for Readiness & Engagement
- 2016-2015: Associate Director, College of Science Advising Center
- 2013 - 2016: Member, Faculty Senate Executive Committee
- 2013 – 2016: Chair, Departmental Instruction Evaluation Committee
- 2013 – 2018: Faculty Senate, Secretary
- July 2012 – June 2013: Interim Executive Director, SACNAS
- 2011-2012: Member, SACNAS Transition Committee (oversight of Executive Director transition)
- 2012: Executive Committee, President Elect, SACNAS Board of Directors
- 2010-2012: Executive Committee, Treasurer, SACNAS Board of Directors
- 2010: Member, SACNAS Conference Programs Committee
- 2009-2011: Chair, SACNAS Student Programs Committee
- 2009-2010: Executive Committee, Secretary, SACNAS Board of Directors
- 2009-2012: Member, Board of Directors for the Society for the Advancement of Chicanos and Native Americans in Science (SACNAS)
- Oct. 2, 2010: Attended the all-day workshop titled “COACHing Strong Women in the Art of Strategic Persuasion for Professionals”
- 2010 and 2011: Attended the SACNAS Conference Leadership Initiative workshops
 - “Leading and Making Decisions” and “Emotional Intelligence”
- July 27, 2009 – August 1, 2009: Participant, “Summer Leadership Institute” sponsored by the Society for the Advancement of Chicanos and Native Americans in Science (SACNAS), the National Institutes of Health (NIH) and the American Association for the Advancement of Science (AAAS). Washington, D.C.
- 2009-2012: Chair, Departmental Space Allocation Committee
- 2009-2012: Chair, Dept. of Biological Sciences Advisory Committee
- 2008-2012: Chair, Departmental TA/RA Assignment Committee
- 2008-2012: Chair, Institutional Animal Care and Use Committee
- 2007-2011: Chair, Institutional Research Committee (subcommittee of the Faculty Senate)
- 2007-2012: Program Director, UTEP-HHMI “Development of Curricular and Team Research in Biomedicine”

- 2007-2010: Member of the Biology Research Experience for Undergraduates Leadership Council Steering Committee (Bio REU LC) (2007-2010)
- 2004-2005: Participant, UTEP ADVANCE “Impact” Leadership Initiative
- 2003-2004: Sigma Xi (The Scientific Research Society) UTEP Chapter President
- 2001-2011: Director of the UTEP Summer Research Experience for Undergraduates Program in Molecular and Cellular Biology

ADMINISTRATIVE ACTIVITIES

2016 – present **Director, Central Office for Readiness & Engagement (CORE)**
Associate Dean for Student Success
 University of Texas at El Paso
 College of Science

DUTIES INCLUDE:

Specific Duties:

- Oversee and help manage all activities associated with clearing students for graduation
- Oversee, manage and execute College of Science Spring and Winter Pre-Commencement Ceremonies.
- Organize and execute summer “New Student” and “Transfer Student” Orientations
- Oversee and execute semester-based New Student, Transfer Student, Early College High School and Miner Student Orientations
- Work with the Director of Academic Reports and Curriculum to identify and resolve incongruencies in CoS Degree Evaluations
- Work with departments to align coursework with degree plan to create degree pathways and major maps
- Oversee and help manage all activities associated with ensuring students are in the correct courses (assessing and removing students who have previously passed a course with a “C” or better; assessing and removing students who do not have the appropriate prerequisites; submitting necessary overrides)
- See and advise every single student in the CoS who are on Academic Probation or Suspension (every semester)
- Organize, manage and execute College of Science activities for UTEP’s Orange and Blue Day, for Transfer Fairs at EPCC campuses and at UTEP, for the High School Junior Campus Visit, for the Early College High School in-person and virtual visits, for Virtual Destination UTEP and for Operation College Bound.

General Duties:

- Align activities/services of the CORE with the “UTEP Edge”
- Oversee, manage, and coordinate activities of:
 1. 8 Program Advisors
 2. 2 Work Studies
 3. 2 Directors (Medical Professions Institute – MPI) (ADP-UTEP Math and Science Teachers Academy – MaST Academy)
- Manage registration of College of Science students every semester (~3000 – 3,500 students)
- Work with the VP for Enrollment Services and Advising Leadership Team on “Retention Communication”
- Work with the Dean and departmental Chairs to disseminate “Retention Communications”
- Coordinate and work with the Director for the Developmental Math Program (to ensure smooth transition into our math and science courses)
- Coordinate activities and students in conjunction with the College of Education and ADP MaST

Academy in relation to College of Science students in Secondary Education.

- Coordinate activities and students in conjunction with the Medical Professions Institute in preparing our pre-health career students

2015 – 2016 **Associate Director, College of Science Advising Center**
University of Texas at El Paso
College of Science

DUTIES INCLUDED:

Specific Duties:

- Oversee the advising for all majors in the Department of Biological Sciences (2000-2400 students)
- Work with the Dept of Biological Sciences for the submission of overrides needed for student access to departmental courses
- Work with Director to oversee management of the Advising Center

2012 - 2013 **Interim Executive Director**
Society for Advancement of Hispanics/Chicanos & Native Americans in Science
(on leave-of-absence from UTEP)

DUTIES INCLUDED:

Key Projects/Events from June 2012-June 2013

- Worked with the Reorganization Committee, legal council, Board of Directors, Council of Senior Advisors, etc. on Society reorganization.
 - Worked with attorney in preparation of new bylaws and Board policy
- Worked with Leadership Team (Staff Directors) and current Principle Investigators on proposal writing, reporting and submissions.
- Assisted in preparation of end-of-year financials.
- Assisted in preparation for October 11-14, 2012 Annual Conference
 - Assisted staff with completing preparations for Annual Conference of over 3000 participants including over 2000 students in Seattle
 - Solidified academic and federal partnerships
- Assisted in advance planning and fund raising for the October 2013 Annual Conference in San Antonio, Texas
- Participated as member of the Executive Committee along with the Board President, President-Elect, Secretary and Treasurer
- Provided assistance/support to Board and Committee chairpersons to plan agendas and develop background materials

General Administrative Responsibilities

- Worked with staff leadership team and board members with fund-raising, program development, policy advocacy etc.
- Ensured that the society remained on target with project/grant deliverables
- Align activities with society Strategic Plan
- Supervised Leadership Team of Directors who in turn supervised staff.
- Kept Board fully informed on the financial and staffing condition of the organization
- Maintained working relationships with related groups/organizations
- Cooperated with the Reorganization Committee and Consultants as appropriate.
- Along with Leadership Team (staff Directors and VP for Strategic Planning and Policy) and the Board of Directors, developed leadership program management
- Worked with the Director of Communication on media and press activities

- Maintained official records and documents, and ensured compliance with federal, state and local regulations.
- Administered payroll, approved expenses and invoices for payment, signed checks, etc.

2009 – 2012

Deputy Director

Univ. of Texas at El Paso (UTEP)
Border Biomedical Research Center

DUTIES INCLUDED:

Specific Duties: Oversight and management of the BBRC Pilot Research Grant Initiative

- Overall management for the solicitation, selection, monitoring, and reporting responsibilities of the yearly pilot research grants

General Duties: Assist the Program Director with administration oversight of the BBRC:

- Coordinated interdisciplinary activities of the three Research Clusters and in the Cores, including chairing the quarterly Internal Advisory Committee meetings
 - Research Clusters: Toxicology and Cancer Biology, Infectious Disease and Immunology, and Neuromodulation Disorders
 - Cores: Analytical Cytology; Biomolecule Analysis Core Facility; Cytometry, Screening and Imaging Core Facility; Genomic Analysis Core Facility; Statistical Consulting Lab, and Bioinformatics Computing Laboratory
- Advised and planned with respect to program development, especially with regard to the new tenure-track faculty recruitments
- Interacted with the recently recruited faculty who were supported by RCMI development funds in the previous cycles, and directly mentoring these junior faculty;
- Communicated and interfaced with University officials, and collaborators outside of the institution to spur translational research within our programs
- Coordinated new faculty searches in the Department of Biological Sciences

GENERAL SERVICE ACTIVITIES:

- Chair, Annual Merit Review of faculty in Pharmaceutical Science, School of Pharmacy
- Member, UTEP Prep Summer 2021 organizing committee
- Member, Council of Advisors Steering Group
- Hearing Officer, Office of Student Conduct and Conflict Resolution
- Hearing Officer for Title IX cases, Office of Student Conduct and Conflict Resolution
- Member, Campus Office of Undergraduate Research Initiatives (COURI) Advisory Committee
- Member, review panel for UTEP-COURI MERITUS Program, the UTEP-COURI SURPASS Program, and the UTEP-ACSScellence Program
- Member, UTEP Edge Advisory Committee
- Department Representative, UTEP Faculty Senate
- Faculty Co-Advisor, Paso del Norte SACNAS Student Chapter
- Faculty Advisor, Biological Sciences Graduate Student Association
- Member, UTEP Interdisciplinary Research (IDR) Enhancement Program Review Panel
- Member, College of Science Awards Committee
- Member, Institutional Animal Care and Use Committee
- Member, Search Committees:
 - Provost, Vice President for Academic Affairs
 - Dean, College of Engineering
 - Associate Dean of Research, College of Science
 - Director of UTEP's Center for Effective Teaching and Learning (CETaL)
 - BBRC Neuroscience, Toxicology, and Infectious Disease and Immunology faculty
 - University Veterinarian

RESEARCH

RESEARCH / PROFESSIONAL HONORS and AWARDS

2016	ASCB Linkage Fellows Award
2012	SACNAS – Executive Committee, President Elect
2011	SACNAS – Executive Committee, Treasurer
2011	SACNAS – Board of Directors
2010	FASEB (AAI) – MARC Minority Mentor Travel Award
2008	SACNAS – Executive Committee, Secretary
2008-2010	UTEP's Center for Hispanic Entrepreneurship Fellow (CfHE Fellow)
2007	SACNAS Board of Directors
2006	FASEB-AAI Minority Scientist Travel Award
2005-2007	Member, Minority Affairs Committee for the American Association of Immunology
2004	ASCB Minority Scientist Travel Award
2004	Fellow of the IMPACT and Leadership Summer Institute
2004	FASEB/MARC Mentor/Minority Trainee Travel Award
2003-2004	Sigma Xi – UTEP Chapter President
2002	AAI Minority Scientist Travel Award
2001	SACNAS Junior Faculty Travel Award
2001	Inducted into the UTEP Chapter of Sigma Xi, the Scientific Research Society
1997	Michael J. Peach Outstanding Graduate Student Award
1989	National Science Foundation Recognition Award
1989-1991	Minority Access to Research Careers Fellow
1988-1991	National Chicano Council for Higher Education Fellow

RESEARCH FUNDING

2015-2016	NIH-RCMI Pilot Project (PI - \$25,000) "The stress of obesity"
2011-2012	NIH-RCMI Pilot Project (PI - \$25,000) "Identification of novel molecular targets for early detection, treatment and monitoring of leukemia and lymphoma within the Hispanic population"
2010-2013	THECB-NHARP Advanced Research Program (PI - \$188,898) "Leptin protects from chemically-induced cell death"
2007-2011	MBRS SCORE Individual Research Grant (PI - \$492,678) "The effects of adipose-derived leptin on dendritic cell function in immunity"
2006-2008	NIAID R15 (Co-PI - \$200,000) " <i>Mycobacterium avium</i> – phagocyte interactions in a murine infection model"
2005-2008	NIEHS-ARCH Project (Co-PI - \$148,179) "Ultrafine components of El Paso particulates"
2005-2006	EPA-SCERP Pilot Project (Co-PI - \$42,475) "Cytotoxicity studies relating to long term exposure to low concentrations of carbon nanotube aggregates"
2004-2005	Tobacco Settlement Fund Award (Co-PI - \$18,000) "Research to study virulence of <i>Mycobacterium avium</i> Complex bacteria from drinking water"
2003-2007	MBRS SCORE Individual Research Subproject Grant (PI - \$427,280) "Examination of antigen presenting cell features that influence the induction of T cell tolerance and autoimmunity"
2003-2004	Tobacco Settlement Fund Award (PI - \$12,978) "Assessing the Role of Dendritic Cells in the Induction of T cell Responses Against <i>Mycobacterium avium</i> "
2001-2003	MBRS SCORE Individual Research Subproject Grant (PI - \$233,000) "Functional identification of genetic factors involved in the induction of spontaneous diabetes"

2000-2002 UTEP – University Research Institute Grant (PI - \$5000)
“The role of the pro-survival molecule Protein Kinase B in the induction of pathogenic immunity”

DOCTORATE/POST-DOCTORATE RESEARCH FUNDING

1999 - 2000 NSF-NATO Postdoctoral Fellowship (\$35,000)
1999 Medical Research Council of Canada Postdoctoral Fellowship (\$25,000)
1998 Amgen/Ontario Cancer Institute Fellowship (\$22,000)
1995 - 1997 NIGMS Minority Access to Research Careers Predoctoral Fellowship (\$30,000)
1991 - 1994 National Science Foundation Minority Predoctoral Fellowship (\$45,000)

RESEARCH PUBLICATIONS (*undergraduate and **graduate student authors):

**Salinas, M.E., D.A. Gutierrez, A. Varela-Ramirez and K.M. Garza (2020). Continuous exposure to low doses of ultrafine black carbon (UBC) reduces the vitality of immortalized lung-derived cells and activates senescence. *Journal of Toxicology*. Volume 2020. DOI: 5702024.

**Salinas, M.E., D.A. Gutierrez, A. Varela-Ramirez and K.M. Garza (2019). Prolonged exposure to ultrafine black carbon (UBC) in combination with microbial proxies triggers oxidative, proliferate, and innate immune perturbations in lung-derived cells. *Journal of Toxicology Current Research*. DOI: 100013.

Ramos, M.G., M. Palfreeman, N. Setzu, M.A. Sanchez, P.S. Portillo, K.M. Garza, K.L. Gosselink, and C.T. Spencer (2018). Obesity exacerbates the cytokine storm elicited by Francisella tularensis infection of females and is associated with increased mortality. *BioMed Research International*. Volume 2018. DOI:3412732.

Correa, VL, Garza, KM, and Murr, LE. (2017). Vascularization in interconnected 3D printed Ti-6Al-4V foams with hydrogel matrix for biomedical bone replacement implants. *Science China Materials*. 61:565-578.

Tran, CW, Saibil SD, Le Bihan T, Hamilton SR, Lang KS, YHou H, Lin AE, Garza KM, Elford AR, Tai K, Parsons ME, Wigmore K, Vainbert MG, Penninger JM, Wood get JR, Mak TW, and Ohashi PS (2017). Glycogen synthase kinase-3 modulates Cbl-b and constrains T cell activation. *J Immunol*. 199(12): 4056-4065.

**Camacho, N., **R.M. Suro, *K.I. Barron, K.M. Garza, and S.W. Stafford (2015). Ultra-high molecular weight polyethylene reinforced with multiwall carbon nanotubes: In Vitro biocompatibility study using macrophage-like cells. *Lubricants*. 3(3):597-610. DOI:3030597.

**Ramirez, O., *L.B. Motta-Mena, A. Cardova, **A. Estrada, **Q. Li, L.E. Martinez, and K.M. Garza (2014). A small library of synthetic di-substituted 1,4-naphthoquinones induces ROS-mediated cell death in murine fibroblasts. *PLoS*. 9(9):e0106828.

**Ramirez, O., *C. Perez, and K.M. Garza (2014). Leptin-deficiency in vivo enhances ability of splenic dendritic cells to activate T cells. *Int. Immunol*. 26(11)627-636. DOI: 10.1093/intimm/dxu067

**Machaco, B.I., **R.M. Suro, K.M. Garza, and L.E. Murr (2011). Comparative microstructures and cytotoxicity assays for micron/nano metals composing ballistic aerosols: The respiratory health implications. *Int. J. NanoMed*. 6:167-178.

**De Leon, J.T., A. Iwai, C. Feau, **Y. Garcia Y, H.A. Balsiger, **C.L. Storer, **R.M. Suro, K.M. Garza, S. Lee, Y.S. Kim, Y. Chen, Y.M. Ning, D.L., Riggs, R.J. Fletterick, R.K. Guy, J.B. Trepel, L.M. Neckers, and M.B. Cox (2011). Targeting the regulation of androgen receptor signaling by the heat

shock protein 90 cochaperone FKBP52 in prostate cancer cells. *Proc Natl Acad Sci U S A*. 108(29):11878-83. doi: 10.1073/pnas.1105160108.

**Machado, B.I., *S. Gaytan, **S.M. Suro, *D.A. Ramirez, B.E. Schuster, K.M. Garza, and L.M. Murr (2010). Characterization and cytotoxic assessment of ballistic aerosol particulates for tungsten alloy penetrators into steel target plates. *Int J Environ Res Public Health*. (9):3313-31. doi: 10.3390/ijerph7093313.

Murr, L.E. and K.M. Garza (2009). Natural and anthropogenic environmental nanoparticulates: Their microstructural characterization and respiratory health implications. *Atmospheric Env*. 43:2683-2692.

*Ramos, E., L. Krauth-Siege, K.M. Garza, J. Bader, L. Martinez, and R.A. Maldonado (2008). 2,3-diphenyl-1,4-naphthoquinone: A potential chemotherapeutic agent against trypanosoma cruzi. *J. Parasit*. 95(2):461-466.

Garza, K.M., **K.F. Soto, and L.E. Murr (2008). Cytotoxicity and reactive oxygen specific generation for aggregate carbon and carbonaceous particulate materials. *Int. J. Nanomedicine*. 3(1):1-12.

Calzascia, T., M. Pellegrini, A. Lin, K.M. Garza, A.R. Elford, A. Shahinian, P.S. Ohashi, and T.W. Mak (2008). CD4 T cells, lymphopenia, and IL-7 in a multistep pathway to autoimmunity. *Proc Natl Acad Sci U S A*. 105(8):2999-3004. doi: 10.1073/pnas.0712135105.

Calzascia, T., M. Pellegrini, A. Lin, K.M. Garza, A.R. Elford, A. Shahinian, P.S. Ohashi, and T.W. Mak (2008). CD4 T cells, lymphopenia, and IL-7 in multistep pathway to autoimmunity. *PNAS*, 105:2999-3005.

Garza, K.M., **K.F. Soto, and L.E. Murr (2008). Direct contact cytotoxicity assays for filter-collected, carbonaceous (soot) nanoparticulate material and observations of lung cell response. *Atmospheric Environ*. 42:1970-1982.

**Soto, K.F., K.M. Garza, and L.E. Murr (2008). Cytotoxic and potential respiratory health effects of carbon and carbonaceous nonpartulates in the El Paso del Norte airshed environment. *Int. j. Env. Res. Pub. Health*. 5(1):12-25.

**Soto, K.F., Murr, L.E., and K.M. Garza (2007). Cytotoxic response for carbon nanotubes and aggregates: the role of in vitro biological assays in nanomaterial evaluations. *Acta Biomaterialia*. 3:351-358.

Murr, L.E., **K.F. Soto, K.M. Garza, P.A. Guerrero, F. Martinez, D.A. Ramirez, Y. Shi, J.J. Bang, and J. Venzor, III (2006). Combustion-generated nanoparticulates in the El Paso, TX USA / Juarez, Mexico metroplex: Their comparative characterization and potential for adverse health effects. *Int. J. Env. Res. Publ. Health*. 3:48-66.

Murr, L.E., K.M. Garza, *A. Carrasco, **K.F. Soto, P.A. Guerrero, D.A. Lopez, D.A. Ramirez, and J. Venzor, III (2005). Cytotoxicity assessment of carbon nanotubes and related carbon nanoparticle aggregates and the implications for anthropogenic carbon nanotube aggregates in the environment. *Int. J. Env. Res. Publ. Health*. 2:31-42.

**Soto, K.F., *A. Carrasco, T.G. Powell, K.M. Garza, and L.E. Murr (2005). Comparative in vitro cytotoxicity assessment of manufactured nanoparticulate materials characterized by transmission electron microscopy. *J. Nanopart. Res*. 2:145-169.

*Montoya, J., A. Varela-Ramirez, *A. Estrada, L.E. Martinez, K.M. Garza, and R.J. Aguilera (2004). Fluorescence-based rapid screening assay for cytotoxic compounds. *Biochem. Biophys. Res. Comm*. 325:1517-1523.

- Millar, D.G., K.M. Garza, B. Odermatt, A. R. Elford, O. Nobuyuki, Z. Li, P.S. Ohashi; (2003). Hsp 70 promotes antigen presenting function and converts T cell tolerance to autoimmunity *in vivo*. *Nat. Med.* 9:1469-1476.
- **Villa, R., C.E. Ortiz, *S. Tapia, G. Gonzalez, E. Trillo, K.M. Garza, S. W. Stafford, and L.E. Murr (2002). In vitro biocompatibility studies of fibroblast cells on Ti-Ta alloys. *Mat. Trans.* 43:1-4.
- Garza, K.M., K. McKall-Fainza, and P.S. Ohashi. (2002). Enhanced T cell responses contribute to the genetic predisposition of CD8-mediated spontaneous autoimmunity. *Eur. J. Immunol.* 32:885-894.
- Nguyen LT, Elford AR, Murakami K, Garza KM, Schoenberger SP, Odermatt B, Speiser DE, Ohashi PS. (2002). Tumor Growth Enhances Cross-Presentation Leading to Limited T Cell Activation without Tolerance. *J. Exp. Med.* 195:423-435.
- Tung, K., S. Agersborg, H. Bagavant, K.M. Garza, and Wei K. (2004). Autoimmune ovarian disease induced by immunization with zona pellucida (ZP3) peptide. *Curr. Protoc. Immunol.* 2002 Aug; Chapter 15:Unit 15.17. doi: 10.1002/0471142735.im1517s49
- Tung, K.S.K., P. Alard, K.M. Garza, S.S. Agersborg, and Y.-H. Lou. (2001). The impact of regulatory T cell, endogenous antigen, and neonatal environment in the prevention and induction of autoimmune disease. *Immunol. Rev.* 182: 135-148.
- Okkenhaug, K., L. Wu, K. M. Garza, J. La Rose, W. Khoo, B. Odermatt, T. W. Mak, P. S. Ohashi & R. Rottapel (2001). A point mutation in CD28 distinguishes proliferative signals from survival signals. *Nature Immunology* 2:325 – 332.
- Garza, K.M., L.T. Nguyen, R.G. Jones, and P.S. Ohashi. (2001). Factors contributing to autoimmune disease. *Adv. Exp. Med. Biol.* 490:7-19.
- Agersborg, S.S., K.M. Garza, and K.S.K. Tung. (2001). Intestinal parasitism terminate self tolerance and enhances neonatal induction of autoimmune disease and memory. *Eur. J. Immunol.* 31:851-859.
- Garza, K.M., V.S.F. Chan, and P.S. Ohashi. (2000). T cell tolerance and autoimmunity. *Rev. Immunogen.* 2:2-17.
- Garza, K.M., *S. Chang, R. Suri, B. Odermatt, S. Schoenberger, and P.S. Ohashi. (2000). Role of antigen presenting cell in mediating tolerance and autoimmunity. *J. Exp. Med.* 191:2021-2027.
- Garza, K.M., S.S. Agersborg, E. Baker, and K.S.K. Tung. (2000). Persistence of physiological self antigen is required for the regulation of self tolerance. *J. Immunol.* 164:3982-3989.
- Tung, K.S.K, S.S. Agersborg, H. Bagavant, K.M. Garza, and K. Wei. (1999). Autoimmune ovarian disease induced by immunization with zona pellucida (ZP3) peptide). In: *Current Protocols in Immunology* (Unit 15.17). John Wiley & Sons, Inc.
- Garza, K.M., Y.-H. Lou, and K.S.K. Tung. (1998). Mechanism of ovarian autoimmunity: induction of T cell and antibody responses by T cell epitope mimicry and epitope spreading. *J. Reprod. Immunol.* 37:87-101.
- Tung, K.S.K., K.M. Garza, and Y.-H. Lou. (1998). Induction of pathogenic autoimmune T cell and autoantibody responses through T cell epitope spreading. In: *Pathogenic autoimmune reactions*. Ed. Sudhir Paul, Humana Press, Totowa NT.
- Garza, K.M., N.D. Griggs, and K.S.K. Tung. (1997). Neonatal injection of an ovarian peptide induces autoimmune ovarian disease in female mice: Requirement of endogenous neonatal ovaries. *Immunity* 6:89-96.

- Tung, K.S.K., Y.-H. Lou, K.M. Garza, C. Tiescher. (1997). Autoimmune ovarian disease: Mechanism of prevention and induction. *Curr. Opin. Immunol.* 9:839-845.
- Lou, Y.H., F.M. McElveen, K.M. Garza, and K.S.K. Tung. (1995). Rapid induction of auto-antibodies by native endogenous antigens and antigen primed T cells: Implications in autoimmune pathogenesis and B cell tolerance. *J. Immunol.* 156:3535-3540.
- Garza, K.M., and K.S.K. Tung. (1995). Frequency of molecular mimicry among T cell peptides as the basis for autoimmune disease and autoantibody induction. *J. Immunol.* 155:5444-5448.
- Luo, A.M., K.M. Garza, D. Hunt, and K.S.K. Tung. (1993). Antigen mimicry in autoimmune disease: Sharing of amino acid residues critical for pathogenic T cell activation. *J. Clin. Invest.* 92:2117-2123.

INVITED RESEARCH SEMINARS and PRESENTATIONS

- Keynote Speaker, Texas Women's University, TWU Celebration of Science, Denton, TX, "Obesity and Immunity: Leptin modulates dendritic cell function", October 18, 2019
- Alamo College, San Antonio, TX. "Chronic exposure to bucky ball shaped nanocarbon particles diminishes the efficacy of macrophages to respond to microbial stimuli", October 2, 2013.
- Texas A&M International University (TAMIU). "The impact of obesity on immunity". February 15, 2013
- University of Arkansas. "The effects of obesity on immunity: Leptin enhances anti-microbial responses. March 3, 2011.
- University of North Texas Health Sciences Center. "Obesity, through leptin, interferes with chemotherapeutic treatments". February 7, 2011
- 12th RCMI International Symposium on Health Disparities, "Leptin protects human T cell leukemias/lymphomas from chemically-induced cell death". Nashville, TN. December 5-9, 2010.
- University of North Texas. "The effects of obesity on immunity: Leptin modulates dendritic cell function". March 22, 2010.
- Rio Grande branch of the American Society of Microbiologists. "The effects of obesity on anti-microbial adaptive immunity". February 26, 2010.
- "Cytotoxicity and related inflammatory response for some manufactured metal oxide and carbon nanoparticulate material aggregates "235th American Chemical Society National Meeting and Exposition, Division of Environmental Chemistry, New Orleans, LA. April 7 – 10, 2008.
- Sam Houston State University, Dept. of Biology; Huntsville, TX "Effects of adiposity on immune function". April 16-17, 2008.
- SACNAS annual conference, "Effects of adiposity on immune function". Endocrinology Scientific Symposia, Salt Lake City, UT. Oct. 9 – 12, 2008.
- Endocrinology Symposium at the Annual SACNAS Conference, "Adipokine, leptin, alters immunity through effects on dendritic cells". Tampa, FL; Oct. 26 – 29, 2006.
- University of Rochester, "The function of dendritic cells in the obese". Dept. of Immunology, Rochester, NY; Nov. 14, 2005

- Northern Arizona University, “The role of dendritic cells in the balance between T cell immunity and T cell tolerance”; Dept. of Biology March 4, 2005
- Society for the Advancement of Chicanos and Native Americans, "Topics in Medicine: Research in Immuno-Endocrinology" ., Austin TX. Oct. 21 - 24, 2004
- Univ. of Virginia Health Sciences Center, “Neuro-endocrine interactions with professional antigen presenting cells”. Depts. of Pathology and Microbiology seminar speaker, Charlottesville VA Nov. 10 – 11, 2004.
- Johns Hopkins University, Baltimore MA, “Opening the black box: Acquisition of virulence by *Mycobacterium avium*”. Dec. 9, 2004.
- 9th RCMI International Symposium on Health Disparities, Baltimore MA “Inhibition of T cell activation by 2,3-diphenyl-1,4-naphthoquinone”. Dec. 9 – 12, 2004.
- Rio Grande Branch Meeting of the American Society for Microbiology, Albuquerque, NM, “*Mycobacterium avium* interactions with murine dendritic cells”. Feb. 7 - 9, 2003.
1st International Symposium on *in utero* MSF Exposure, El Paso, TX “Immune function in the Flinders model of depression”. May 7 – 9, 2003.
- 103rd American Society of Microbiologists General Meeting, Washington, D.C. “The role of dendritic cells versus macrophages in the clearance of *Mycobacterium avium*”. May 21 – 25, 2003.

PROFFESIONAL RESEARCH ACTIVITIES:

- Member, National Human Genome Research Institute (NHGRI) Diversity Action Plan Review Committee
- Review panelist for the National Institutes of Health SCORE Program (Genetics Panel)
- Manuscript reviews.
 - Journal of Leukocyte Biology
 - Nanomedicine
 - Molecular and Cellular Biochemistry
 - PLoS One

SCIENTIFIC MEMBERSHIPS

1989 – present	Society for the Advancement of Chicanos and Native Americans in Science
2000 – present	American Association of Immunologists
2004 – present	American Society for Cell Biologists