

**Mrs. Maria T. Aguirre**  
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Department of Health and Biomedical Sciences  
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## Education

- MS, The University of Texas - Brownsville, 2008.  
Major: Biology  
Supporting Areas of Emphasis: Medicine  
Title: The role of the fat mass index in determining obesity
- CERT, University of Wisconsin Medical School (sponsored through CLIA website, 2004).  
Major: Medical Lab Director
- BS, The University of Texas - Pan American, 1997.  
Major: Clinical Laboratory Science

## Licensures and Certifications

Certification, American Society of Clinical Pathologists. (February 28, 1998 - Present).

## Professional Memberships

- American Society of Clinical Pathologists.
- Medical Screening Society, London.
- American Society of Clinical Laboratory Scientists. (2008 - 2015).
- Texas Association for Clinical Laboratory Scientists. (2008 - 2015).

## Development Activities Attended

- Conference Attendance, "Differences in Opinion on Direct Access and Direct to Consumer Testing," American Society of Clinical Laboratory Scientists Annual Meeting, Philadelphia, PA, US. (August 2, 2016).
- Conference Attendance, "Epigenetic and Gene Expression Analysis of Host Susceptibility Genes for Chlamydia trachomatis Infection," American Society of Clinical Laboratory Scientists Annual Meeting, Philadelphia, PA, US. (August 2, 2016).
- Conference Attendance, "The Beta-lactamase Resistome within Bacteria Recovered from Long-term Acute Care Hospital Patients in Chicago," American Society of Clinical Laboratory Scientists Annual Meeting, Philadelphia, PA, US. (August 2, 2016).
- Conference Attendance, "The Inhibition of Retrovirus Reverse Transcription by p53," American Society of Clinical Laboratory Scientists Annual Meeting, Philadelphia, PA, US. (August 2, 2016).

Conference Attendance, "The Role of the Clinical Laboratory in Identifying Adverse Effects Related to Energy Drinks," American Society of Clinical Laboratory Scientists Annual Meeting, Philadelphia, PA, US. (August 2, 2016).

Conference Attendance, "Treatment of Type 2 Diabetes with Kalanchoe pinnata Preparation," American Society of Clinical Laboratory Scientists Annual Meeting, Philadelphia, PA, US. (August 2, 2016).

Conference Attendance, "A Different Face of War: Memories of a Medical Service Corps Officer in Vietnam," Texas Association of Clinical Lab Scientists, San Antonio, TX, US. (April 8, 2016).

Conference Attendance, "Integrating Genomics and Bioinformatics in the Micro Lab," Texas Association of Clinical Lab Scientists, San Antonio, TX, US. (April 8, 2016).

Conference Attendance, "Opioids in Clinical and Laboratory Practiced," Texas Association of Clinical Lab Scientists, San Antonio, TX, US. (April 8, 2016).

Conference Attendance, "Update on the Human Microbiome," Texas Association of Clinical Lab Scientists, San Antonio, TX, US. (April 8, 2016).

Conference Attendance, "A Look Back at Laboratories in the Past Century: Way Back!," Texas Association of Clinical Lab Scientists, San Antonio, TX, US. (April 7, 2016).

Conference Attendance, "Cellular Therapy with Regulatory T Cells," Texas Association of Clinical Lab Scientists, San Antonio, TX, US. (April 7, 2016).

Conference Attendance, "Latest Development in HPV Testing and Cancer," Texas Association of Clinical Lab Scientists, San Antonio, TX, US. (April 7, 2016).

Conference Attendance, "Molecular Analysis in TB & Thalassemia," Texas Association of Clinical Lab Scientists, San Antonio, TX, US. (April 7, 2016).

Conference Attendance, "The ABC's of Resolving Immunohematology Cases," Texas Association of Clinical Lab Scientists, San Antonio, TX, US. (April 7, 2016).

Conference Attendance, "Update on Monitoring Direct Oral Anticoagulants," Texas Association of Clinical Lab Scientists, San Antonio, TX, US. (April 7, 2016).

Workshop, "Peer Observation of Teaching," UTRGV Faculty Affairs & Diversity, Edinburg, Texas, United States. (January 28, 2016).

Webinar, "Laboratory Safety and Lessons Learned from the Ebola Response," 2015 ASCLS Annual Meeting Recordings, US. (October 22, 2015).

Workshop, "Distance Teaching and Learning at UTRGV," UTRGV Faculty Affairs & Diversity, Edinburg, Texas, United States. (October 22, 2015).

Presentation, "MORE Health Critical Issues in Healthcare," UTPA COHSHS Dean's Office, Edinburg, TX, US. (October 2, 2015).

Webinar, "Clinical Chemistry Technology," Thermo EMD Millipore, US. (September 24, 2015).

Webinar, "The Use of Biomarkers in the Emergency Department to Aid in Assessing High Risk Patients," Advance Webinars, US. (September 22, 2015).

Training, "Blueprinting Online Course," COLT, Edinburg, TX, USA. (February 12, 2015 - May 28, 2015).

Conference Attendance, "Molecular methods for adenovirus," Texas Association of Clinical Lab Scientists, Houston, TX, US. (April 10, 2015).

Conference Attendance, "Navigating the Changing Landscape of the Lab," Texas Association of Clinical Lab Scientists, Houston, TX, US. (April 10, 2015).

Conference Attendance, "P. vivax as an emerging pathogen in the US," Texas Association of Clinical Lab Scientists, Houston, TX, US. (April 10, 2015).

Conference Attendance, "Remembering Chagas disease," Texas Association of Clinical Lab Scientists, Houston, TX, US. (April 10, 2015).

Conference Attendance, "SNP Array as an Adjunct to FISH," Texas Association of Clinical Lab Scientists, Houston, TX, US. (April 10, 2015).

Conference Attendance, "The role of the lab in the effects of energy drinks," Texas Association of Clinical Lab Scientists, Houston, TX, US. (April 10, 2015).

Conference Attendance, "BACS/OLIGO array to SNP array," Texas Association of Clinical Lab Scientists, Houston, TX, US. (April 9, 2015).

Conference Attendance, "Genomic surveillance of Ebola," Texas Association of Clinical Lab Scientists, Houston, TX, US. (April 9, 2015).

Conference Attendance, "Opening Keynote Address," Texas Association of Clinical Lab Scientists, Houston, TX, US. (April 9, 2015).

Conference Attendance, "Red, white and blue cells case studies," Texas Association of Clinical Lab Scientists, Houston, TX, US. (April 9, 2015).

Conference Attendance, "Single genome or single cell analysis," Texas Association of Clinical Lab Scientists, Houston, TX, US. (April 9, 2015).

Workshop, "Impact of Students' Prior Knowledge," Office of the Vice Provost for Faculty Affairs, Edinburg, TX, USA. (February 5, 2015).

Workshop, "Managing Change," Office of the Vice Provost for Faculty Affairs, Edinburg, TX, USA. (November 13, 2014).

Workshop, "Blackboard Day," COLT, Edinburg, TX, USA. (November 11, 2014).

Workshop, "Evaluation and Test Construction Workshop for CLS Faculty," CLS Program, Edinburg, TX, USA. (September 26, 2014).

Workshop, "Evaluation of Teaching," Office of the Vice Provost for Faculty Affairs, Edinburg, TX, USA. (September 25, 2014).

Workshop, "Innovations in Online Learning," COLT, Edinburg, TX, USA. (September 18, 2014).

Presentation, "Recruiting and retaining faculty Part II," UTPA COHSHS Dean's Office, Edinburg, TX, US. (April 24, 2014).

Conference Attendance, "Clinical application of troponin," Texas Association of Clinical Lab Scientists, Corpus Christi, TX, US. (March 21, 2014).

Conference Attendance, "Hematology case studies," Texas Association of Clinical Lab Scientists, Corpus Christi, TX, US. (March 21, 2014).

Conference Attendance, "Sharing your passion for your profession," Texas Association of Clinical Lab Scientists, Corpus Christi, TX, US. (March 21, 2014).

Conference Attendance, "What's happening with licensure," Texas Association of Clinical Lab Scientists, Corpus Christi, TX, US. (March 21, 2014).

Conference Attendance, "Blood bank case studies," Texas Association of Clinical Lab Scientists, Corpus Christi, TX, US. (March 20, 2014).

Conference Attendance, "Lab response and public health," Texas Association of Clinical Lab Scientists, Corpus Christi, TX, US. (March 20, 2014).

Conference Attendance, "Managing student research projects," Texas Association of Clinical Lab Scientists, Corpus Christi, TX, US. (March 20, 2014).

Conference Attendance, "Professional identity," Texas Association of Clinical Lab Scientists, Corpus Christi, TX, US. (March 20, 2014).

Conference Attendance, "Value of microbiology in CLS," Texas Association of Clinical Lab Scientists, Corpus Christi, TX, US. (March 20, 2014).

Workshop, "Engaged learning," UTPA Office of the Vice Provost for Faculty Affairs, Edinburg, TX, US. (March 6, 2014).

Presentation, "Apple presentation," UTPA COHSHS Dean's Office, Edinburg, TX, US. (March 3, 2014).

Workshop, "Using clickers," UTPA Office of the Vice Provost for Faculty Affairs, Edinburg, TX, US. (March 3, 2014).

Workshop, "MS in health sciences blueprinting," Center for Online Learning Teaching and Technology, Edinburg, TX, US. (February 25, 2014).

Workshop, "Designing effective group assignments," UTPA Office of the Vice Provost for Faculty Affairs, Edinburg, TX, US. (February 13, 2014).

Workshop, "Proposal review," UTPA Office of the Vice Provost for Faculty Affairs, Edinburg, TX, US. (February 6, 2014).

Workshop, "Practicing learner centered teaching," UTPA Office of the Vice Provost for Faculty Affairs, Edinburg, TX, US. (November 21, 2013).

Continuing Education Program, "Westgard quality control," Westgard, Edinburg, TX, US. (October 17, 2013 - November 7, 2013).

Workshop, "Social media in the classroom," UTPA Office of the Vice Provost for Faculty Affairs, Edinburg, TX, US. (October 10, 2013).

Workshop, "FARS Training," UTPA Office of the Vice Provost for Faculty Affairs, Edinburg, TX, US. (October 9, 2013).

Workshop, "Innovations in online learning," Center for Online Learning Teaching and Technology, Edinburg, TX, US. (September 26, 2013).

Workshop, "How can I get students to take responsibility?," UTPA Office of the Vice Provost for Faculty Affairs, Edinburg, TX, US. (September 19, 2013).

Training, "Academic Policies and Procedures," University Academic Advising Center, Edinburg, TX, US. (April 2013).

Workshop, "Blackboard TOL," Center for Online Learning Teaching and Technology, Edinburg, TX, US. (January 2013 - April 2013).

Workshop, "Academically adrift findings and lessons for improvement," UTPA Office of the Vice Provost for Faculty Affairs, Edinburg, TX, US. (March 7, 2013).

Workshop, "Grading strategies to promote student and faculty success," UTPA Office of the Vice Provost for Faculty Affairs, Edinburg, TX, US. (February 14, 2013).

Workshop, "Essential skills," Center for Online Learning Teaching and Technology, Edinburg, TX, US. (February 5, 2013).

Workshop, "Nine ways to use class discussion," UTPA Office of the Vice Provost for Faculty Affairs, Edinburg, TX, US. (October 25, 2012).

Workshop, "Degree Works Training," UTPA Office of the Registrar, Edinburg, TX, US. (October 18, 2012).

Workshop, "Ten ways to engage your students actively," UTPA Office of the Vice Provost for Faculty Affairs, Edinburg, TX, US. (September 20, 2012).

Conference Attendance, "Advances in molecular diagnostics," Texas Association of Clinical Lab Scientists, Fort Worth, TX, US. (March 30, 2012).

Conference Attendance, "Advances in toxicology," Texas Association of Clinical Lab Scientists, Fort Worth, TX, US. (March 30, 2012).

Conference Attendance, "Challenges and opportunities," Texas Association of Clinical Lab Scientists, Fort Worth, TX, US. (March 30, 2012).

Conference Attendance, "Lab diagnosis of autoimmune enteropathies," Texas Association of Clinical Lab Scientists, Fort Worth, TX, US. (March 30, 2012).

Conference Attendance, "Advocacy for the profession," Texas Association of Clinical Lab Scientists, Fort Worth, TX, US. (March 29, 2012).

Conference Attendance, "An update on aspirin and plavix sensitivity and resistance testing," Texas Association of Clinical Lab Scientists, Fort Worth, TX, US. (March 29, 2012).

Conference Attendance, "Flow cytometry and its use in the diagnosis of B-lineage Non-Hodgkins lymphoma," Texas Association of Clinical Lab Scientists, Fort Worth, TX, US. (March 29, 2012).

Conference Attendance, "Mass spectrometry for the clinical lab," Texas Association of Clinical Lab Scientists, Fort Worth, TX, US. (March 29, 2012).

Conference Attendance, "The role of HgbA1C and lipid profiles in diabetes," Texas Association of Clinical Lab Scientists, Fort Worth, TX, US. (March 29, 2012).

Conference Attendance, "Tuberculosis in 21st century America," Texas Association of Clinical Lab Scientists, Fort Worth, TX, US. (March 29, 2012).

Workshop, "How to thrive despite a bad boss and difficult colleagues," UTPA Office of the Vice Provost for Faculty Affairs, Edinburg, TX, US. (October 20, 2011).

Workshop, "Seven ways to increase student learning and attention," UTPA Office of the Vice Provost for Faculty Affairs, Edinburg, TX, US. (October 5, 2011).

Workshop, "How to supercharge your productivity," UTPA Office of the Vice Provost for Faculty Affairs, Edinburg, TX, US. (September 20, 2011).

Workshop, "Business and professional communication," UTPA Office of the Vice Provost for Faculty Affairs, Edinburg, TX, US. (August 2010 - April 2011).

Workshop, "How to be a great teacher," UTPA Office of the Vice Provost for Faculty Affairs, Edinburg, TX, US. (August 2010 - April 2011).

Workshop, "Joys and responsibilities of teaching well," UTPA Office of the Vice Provost for Faculty Affairs, Edinburg, TX, US. (August 2010 - April 2011).

Workshop, "Tenure and promotion expectations, etc.," UTPA Office of the Vice Provost for Faculty Affairs, Edinburg, TX, US. (August 2010 - April 2011).

Workshop, "Formative student evaluations: is it worth your time?," College of Health Sciences and Human Services, Edinburg, TX, US. (April 21, 2011).

Conference Attendance, "Diagnosis of diabetes using hemaglobin A1C," Texas Association of Clinical Lab Scientists, El Paso, TX, US. (April 8, 2011).

Conference Attendance, "HIV phylogenics in court cases," Texas Association of Clinical Lab Scientists, El Paso, TX, US. (April 8, 2011).

Conference Attendance, "The future of molecular diagnostics in the lab," Texas Association of Clinical Lab Scientists, El Paso, TX, US. (April 8, 2011).

Conference Attendance, "Capillary electrophoresis in AML," Texas Association of Clinical Lab Scientists, El Paso, TX, US. (April 7, 2011).

Conference Attendance, "Managing change for the clinical lab professional," Texas Association of Clinical Lab Scientists, El Paso, TX, US. (April 7, 2011).

Conference Attendance, "Retrospective reference range analysis," Texas Association of Clinical Lab Scientists, El Paso, TX, US. (April 7, 2011).

Workshop, "Designing and developing online assessments," Center for Online Learning Teaching and Technology, Edinburg, TX, US. (March 10, 2011).

Workshop, "Academic policies and procedures information sessions," Center for Online Learning Teaching and Technology, Edinburg, TX, US. (March 3, 2011).

Conference Attendance, "Licensure and where we are," Rio Grande District for Clinical Lab Science, Edinburg, TX, US. (February 10, 2011).

Workshop, "Quality Matters: Instructional course for online and hybrid courses," Center for Online Learning Teaching and Technology, Edinburg, TX, US. (February 10, 2011).

Continuing Education Program, "Erythrocyte inclusions," MediaLab, Inc., Edinburg, TX, US. (January 20, 2011).

Continuing Education Program, "The urine microscopic," MediaLab, Inc., Edinburg, TX, US. (January 20, 2011).

Workshop, "Risk management," UTPA Dean of Students, Edinburg, TX, US. (January 11, 2011).

Workshop, "Student profile, support and related issues," UTPA Office of the Vice Provost for Faculty Affairs, Edinburg, TX, US. (April 2010).

Workshop, "Teaching effectiveness," UTPA Office of the Vice Provost for Faculty Affairs, Edinburg, TX, US. (April 2010).

Workshop, "Technology/online support to enhance learning," UTPA Office of the Vice Provost for Faculty Affairs, Edinburg, TX, US. (April 2010).

Workshop, "University system and strategic direction," UTPA Office of the Vice Provost for Faculty Affairs, Edinburg, TX, US. (April 2010).

Conference Attendance, "Clinical laboratory scientists in the US Army," Texas Association of Clinical Lab Scientists, El Paso, TX, US. (April 11, 2010).

Conference Attendance, "Epidemiology and the clinical microbiology lab," Texas Association of Clinical Lab Scientists, El Paso, TX, US. (April 11, 2010).

Conference Attendance, "Forensic DNA testing," Texas Association of Clinical Lab Scientists, El Paso, TX, US. (April 11, 2010).

Conference Attendance, "It's the law: healthcare association infections," Texas Association of Clinical Lab Scientists, El Paso, TX, US. (April 11, 2010).

Conference Attendance, "The impact of service learning on CLS students," Texas Association of Clinical Lab Scientists, El Paso, TX, US. (April 11, 2010).

Conference Attendance, "The MHC system, HLA testing," Texas Association of Clinical Lab Scientists, El Paso, TX, US. (April 11, 2010).

Conference Attendance, "Unification of ASCP BOR and NCA: the result," Texas Association of Clinical Lab Scientists, El Paso, TX, US. (April 11, 2010).

Conference Attendance, "The practice and art of grading," Clinical Laboratory Educators' Conference, Biloxi, Mississippi, US. (February 27, 2010).

Conference Attendance, "Bridging the Gap Empowering Young Professionals," Clinical Laboratory Educators' Conference, Biloxi, MS, US. (February 26, 2010).

Conference Attendance, "Healthcare reform and other federal activities," Clinical Laboratory Educators' Conference, Biloxi, MS, US. (February 26, 2010).

Conference Attendance, "Secrets of good teachers: a key to success," Clinical Laboratory Educator's Conference, Biloxi, MS, US. (February 26, 2010).

Conference Attendance, "Social Networking in Education," Clinical Laboratory Educators' Conference, Biloxi, MS, US. (February 26, 2010).

Conference Attendance, "Normal is Gone," Clinical Laboratory Educators' Conference, Biloxi, MS, US. (February 25, 2010).

Conference Attendance, "Phlebotomy Online: An Exploratory Study," Clinical Laboratory Educators' Conference, Biloxi, MS, US. (February 25, 2010).

Conference Attendance, "Vulnerabilities and Solutions," Clinical Laboratory Educators' Conference, Biloxi, MS, US. (February 25, 2010).

Conference Attendance, "What .. my students aren't professional employees?," Clinical Laboratory Educators' Conference, Biloxi, MS, US. (February 25, 2010).

## **TEACHING**

### **Teaching Experience**

#### **The University of Texas Rio Grande Valley**

CLSC 2429, Clinic Micro in Health Care, 43 courses.

CLSC 3100, Intro to Clin Lab Sci, 3 courses.

CLSC 3310, Hematology I, 5 courses.

CLSC 3420, Clinical Chemistry I, 6 courses.

CLSC 4100, Seminar, 1 course.

CLSC 4144, Clinical Practicum V, 1 course.

CLSC 4340, Clinical Practicum I, 2 courses.

CLSC 4341, Clinical Practicum II, 6 courses.

CLSC 4342, Clinical Practicum III, 7 courses.

CLSC 4343, Clinical Practicum IV, 4 courses.

CLSC 4411, Clinical Hematology II, 5 courses.

CLSC 4521, Clinical Chemistry II, 5 courses.

CLSC 5227, Clinical Lab Methods, 6 courses.

CLSC 6300, Pathophysiology of Disease, 1 course.

CLSC 6302, Adv Practice in Clinical Chem, 2 courses.

HRP 2303, Medical Terminology, 3 courses.

### **Non-Credit Instruction**

Guest Lecture, Clinical Laboratory Science, 25 participants. (February 3, 2013).

### **Awards and Honors**

Key to the Future, Texas Association for Clinical Laboratory Scientists. (2011).

## **RESEARCH**



## Published Intellectual Contributions

### Refereed Journal Articles

Peltz, G., Aguirre, M. T., Sanderson, M., Fadden, M. K. (2010). The role of the fat mass index in determining obesity. *American Journal of Human Biology*, 22(5), 639-47.

### Other

Reyna, M. E., Aguirre, M. T. (2011). *Clinical Laboratory Methods for Students in the Physician's Assistant Program at University of Texas Pan American Laboratory Manual*,.

## Presentations Given

Aguirre, M. T. (Author & Presenter), American Society of Clinical Laboratory Scientists Annual Meeting, "The role of the laboratory in adverse effects related to energy drinks," American Society of Clinical Laboratory Scientists, Philadelphia, PA. (August 2, 2016).

Aguirre, M. T. (Author & Presenter), More Health at UTPA 2015, "The role of the laboratory in adverse effects related to energy drinks," College of Health Sciences and Human Services, Edinburg, Texas. (April 21, 2015).

Aguirre, M. T. (Author & Presenter), TACLS Conference 2015, "The role of the laboratory in adverse effects related to energy drinks," Texas Association of Clinical Lab Scientists, Houston, TX. (April 10, 2015).

Tijerina, S. L. (Author & Presenter), Aguirre, M. T. (Author & Presenter), TACLS Conference 2014, "Hematology case studies," Texas Association of Clinical Lab Scientists, Corpus Christi, TX. (March 2014).

Aguirre, M. T. (Author & Presenter), Obesity Summit, "Using the fat mass index as a preferred tool over body mass index," Border Health, McAllen TX. (July 17, 2013).

Aguirre, M. T. (Author & Presenter), MORE Health at UTPA, "The role of the fat mass index in determining obesity," College of Health Sciences and Human Services, Edinburg, TX. (April 27, 2013).

## Research Currently in Progress

"Metabolomics in the clinical laboratory" (On-Going).

How is the science of metabolomics being integrated into the clinical laboratory

"Students' perceptions of elective week: a retrospective study" (On-Going).

To interpret students' perceptions of their elective week experience between the years 2000 and 2010

"The role of the clinical laboratory in energy drink and alcohol toxicity" (On-Going).

To determine the current use of energy drink and energy drink with alcohol consumption within the UTRGV student population

## **SERVICE**

### **Department Service**

- Committee Member, CLS Admissions Committee. (2010 - 2016).
- Committee Member, CLS Scholarship Committee. (2010 - 2016).
- Committee Member, CLS Faculty Search Committee - Lecturer. (July 2016).
- Committee Chair, CLS Faculty Search Committee - Clinical Assistant Professor. (April 2016).
- Committee Chair, CLS Search Committee. (March 2015 - June 3, 2015).
- CLS Student training and organization, Border Health Diabetes Day. (November 14, 2014).
- Committee Co-Chair, CLS Admissions Committee. (2012 - 2013).
- Committee Member, CLS Clinical Track Subcommittee on Promotion. (2012 - 2013).
- Student Advisor, CLS Student Organization. (2012 - 2013).
- Coordinator, COHSHS CHEP Events. (April 2013).
- Coordinator, COHSHS MORE Health Event. (March 2013).
- Committee Member, CLS Search Committee. (2011 - 2012).
- Student Advisor, CLS Student Organization. (2010 - 2012).
- Coordinator, UTPA HESTEC Event. (October 2012).

### **College Service**

- Committee Chair, Recruitment Committee. (2013 - 2015).
- Attendee, Meeting, Faculty Council. (2010 - 2015).
- IPEP CLS Students' Involvement in Case Study, IPEP Organization of Presentation for CLS. (August 2014 - May 2015).
- Committee Member, Interprofessional Education and Practice. (August 2013 - May 2015).
- Committee Chair, Search Committee Dietetics Professor. (August 2013).
- Faculty Council Chair-Elect. (2012).
- Committee Member, Collaborative Research Team Initiative. (2011 - 2012).
- Committee Member, Research Committee. (2011 - 2012).
- Faculty Council Executive Committee. (2011).

## University Service

Committee Member, Academic IT Council. (2014 - 2015).

Committee Member, Program Review Committee. (December 2012).

Committee Member, HR Focus Group. (2012).

Committee Member, Freshman Convocation. (2011).

## Professional Service

Reviewer, Journal Article, American Journal of Human Biology. (2011 - Present).

Reviewer, Journal Article, The International Journal of Applied and Basic Nutritional Sciences. (2011 - Present).

Attendee, Meeting, UTRGV CLS/MLT Clinical Affiliate and Advisory Committee, Edinburg, Texas. (2016).

Review of proposed course, Doctor's Hospital at Renaissance, Edinburg, Texas. (May 2016).

Committee Member, TACLS Nominations Committee, Texas. (April 2012 - April 2016).

Chairperson, TACLS Scholarship Committee, Texas. (April 2011 - April 2016).

Moderator, Texas Association for Clinical Laboratory Science (TACLS), San Antonio, TX. (April 8, 2016).

Moderator, Texas Association for Clinical Laboratory Science (TACLS), San Antonio, TX. (April 7, 2016).

Reviewer for poster abstract, American Society of Clinical Laboratory Scientists - Clinical Laboratory Educators' Conference - Abstract 1. (October 29, 2015).

Reviewer for poster abstract, American Society of Clinical Laboratory Scientists - Clinical Laboratory Educators' Conference - Abstract 2. (October 29, 2015).

Reviewer for poster abstract, American Society of Clinical Laboratory Scientists - Clinical Laboratory Educators' Conference - Abstract 3. (October 29, 2015).

Reviewer for poster abstract, American Society of Clinical Laboratory Scientists - Clinical Laboratory Educators' Conference - Abstract 4. (October 29, 2015).

Reviewer for poster abstract, American Society of Clinical Laboratory Scientists - Clinical Laboratory Educators' Conference - Abstract 5. (October 29, 2015).

Research Day College of Health Sciences and Human Services. (April 2012 - April 2015).

Reviewer Abstract: Microbiology plate rounds: bridging the gap between didactic coursework and real-world application, Clinical Laboratory Educator's Conference, Edinburg, TX. (October 2014 - November 2014).

Reviewer Abstract: Process to enhance diversified outcomes, Clinical Laboratory Educator's Conference, Edinburg, TX. (October 2014 - November 2014).

Reviewer Abstract: Teaching principles of Mindray BS-200 chemistry analyzer, Clinical Laboratory Educator's Conference, Edinburg, TX. (October 2014 - November 2014).

Reviewer Abstract: Development of a capstone project course in a medical laboratory science curriculum, Clinical Laboratory Educator's Conference, Edinburg, TX. (October 2014 - November 2014).

Reviewer Abstract: Teaching principles of semi-automated clinical lab testing using Pointe 180, Clinical Laboratory Educator's Conference, Edinburg, TX. (October 2014 - November 2014).

Reviewer Abstract: iPads in the student lab and utilizing cloud technology, Clinical Laboratory Educator's Conference, Edinburg, TX. (October 2014 - November 2014).

Poster Judge Research Day, UTPA COHSHS Post Judge Research Day. (April 2012).

Poster Judge, Texas Association for Clinical Laboratory Science (TACLS), Fort Worth, TX. (March 2012).

Reviewer, Journal Article, Nutrition. (2010 - 2011).

Texas Association for Clinical Laboratory Science (TACLS), Austin, TX. (April 2011).

Poster Judge, – Texas Association for Clinical Laboratory Science (TACLS), Austin,, TX. (April 2011).

Moderator, Texas Association for Clinical Laboratory Science, El Paso, TX. (April 2010).

Moderator, Texas Association for Clinical Laboratory Science, El Paso, TX. (April 2010).

Moderator, Texas Association for Clinical Laboratory Science, El Paso, TX. (April 2010).