

Suha M. Saleh

University of Central Florida  
 College of Health and Public Affairs  
 Department of Health Professions  
 Health Sciences Pre-Clinical Program  
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## EDUCATION

Women in Education Leadership ( <i>Certificate</i> )	Harvard University	2013
Postdoctoral, Neuroscience	Georgetown University	2001
Ph.D., Physiology	Kansas State University	2000
B.S., Medical Technology	Al-Quds University-Israel	1994

## PROFESSIONAL EMPLOYMENT

<b><i>University of Central Florida (UCF)</i></b>		
Program Director and Clinical Assistant Professor		2013-present
Program Director and Assistant Professor		2010-2011
Health Sciences Pre-Clinical Program		
Department of Health Professions		
College of Health and Public Affairs		
<b><i>University of Texas-El Paso (UTEP)</i></b>		2007-2010
Clinical Assistant Professor		
Clinical Laboratory Science Program		
College of Health Sciences		
<b><i>University of Texas-El Paso</i></b>		2002-2007
Lecturer and Laboratory Coordinator		
Department of Biology		
College of Science		
<b><i>Georgetown University</i></b>		2000-2001
Post-Doctoral Fellow		
Department of Neuroscience		
Georgetown University Medical Center		
<b><i>Kansas State University</i></b>		1997-2000
Graduate Research/Teaching Assistant		
Department of Anatomy and Physiology		
<b><i>The Arab Health Center, Israel</i></b>		1994-1995
Medical Technologist		

## Awards

- 2015, Teaching Incentive Program (TIP) Award, College of Health and Public Affairs, UCF.
- 2013, Excellence in Undergraduate Teaching Award, College of Health and Public Affairs, UCF.
- 2012, Citizen Diplomat Certificate, World Affairs of Central Florida for hosting and presenting to

international healthcare visitors from Colombia.

- 2010, Presidential Merit Award, the Texas Association for Clinical Laboratory Science (TACLS), in recognition of my service as Program Chair of the 2010 TACLS Convention in El Paso, and for preparing an excellent program for the convention.
- 2010, Omicron Sigma Award, the Texas Association for Clinical Laboratory Science (TACLS), for my significant contributions to the field of Clinical Laboratory Science and for displaying outstanding example which has inspired others.
- 2008, Outstanding Performance Certificate, Texas Tech University Health Science Center, Paul L. Foster School of Medicine-El Paso, for my research poster presentation.
- 2008, Certificate of Appreciation, The El Paso Diabetes Association for my contribution to the education of El Paso community in the area of diabetes and visual complications.
- 1999, Certificate of Recognition for my doctoral research, the Center for Basic Cancer Research at Kansas State University.

## HONORS AND RECOGNITION

- 2015, recognized for creating, mentoring and guiding the Health Awareness and Prevention Society (HAPS) at UCF. The article was published on UCF Today. A link to the article: <http://today.ucf.edu/health-awareness-and-prevention-society-among-ucfs-fastest-growing-student-organizations/>
- 2013, Selected and attended “Women in Education Leadership” Program at Harvard University, received a certificate of program completion.
- 2013, Interviewed by Central Florida Future newspaper for the article “Teaching in the Tech Age Poses Challenges”.
- 2012, Interviewed about the demand and popularity of the Health Sciences Pre-Clinical Program. A link to the article: <http://www.cohpa.ucf.edu/blog/2012/health-sciences-pre-clinical-major-among-ucfs-most-popular/>
- 2011, Invited and participated as a panelist for the new faculty orientation at UCF.
- 2011, Selected as a “Research Fellow” for 2011/2012 academic year by College of Health and Public Affairs, UCF. My teaching time demands made it possible to complete only part of this program.
- 2011, Invited as a panelist and expert in eye diseases during UCF (University of Central Florida) event for World Sight Day. Event was published at UCF Today newsletter, Oct. 2011.
- 2011, Interviewed by the University of Central Florida TV Channel (UCFTV) as an expert in diabetic eye research to discuss pathophysiology of diabetes and diabetic retinopathy. The interview was part of their video “Fat or Fiction: The Diabetes Connection”. A link to the video <http://www.youtube.com/watch?v=2OfhfyQ2rOE>
- 2005, Nominated by my students at the University of Texas-El Paso for the quality of my teaching to be honored by “Who's Who Among America's Teachers”. My biography was published in the 9<sup>th</sup> edition of this book as one of the nation's most respected teachers.

# ADMINISTRATION

## ACCOMPLISHMENTS in ADMINISTRATION

### **University of Central Florida:**

At UCF, my major responsibility and main assigned duty is to lead and administer the various aspects of the Health Sciences Pre-Clinical (HSPC) Program. Main duties include:

#### **Program's strategic planning and leadership**

- Created the mission, vision and goals for the HSPC program (short-term and long-term goals)
- Established partnership and collaborations with several undergraduate office at UCF to support the program's operation and student success and involvement
- Established collaborations with peer programs on campus such as the Biomedical Sciences and Biology
- Established collaborations with academic programs outside UCF to ensure success of our incoming and transfer students to UCF. One of the recent collaborations with Valencia College will result in creating an Associate of Arts degree in Pre-Health Sciences Pre-Clinical degree at Valencia College. This degree will ensure the appropriate preparation of transfer students for the HSPC major and hopefully will improve their success at UCF.
- Created several assessment, evaluation and continuous improvement instruments
- Lead the program through the SACSCOC Program Review and Evaluation in 2013. That was the first program evaluation for the HSPC program

#### **Curriculum development**

- Structured the degree plan to reflect the new mission and vision of the program and to meet the goals of the major
- Revamped the HSPC curriculum, created new courses in the core Health Sciences curriculum, and improved the curriculum of existing courses

#### **Faculty and staff mentoring and development**

- Recruited, hired, and mentored all faculty members in the HSPC program, full-time and part-time faculty
- Recruited, hired, and mentored all advisers and staff members in the HSPC program

#### **Student resources and support services**

- Established the advising and academic support standards in the HSPC program
- Created all handouts, brochures and advising material for the HSPC program
- Established the standards and materials for the transfer orientation advising workshops. These are designed for students who are transitioning to UCF from other community and state colleges
- Created contents for the HSPC programs' website
- Created academic success workshops to ensure success of new students in the HSPC major, with focus on freshmen and transfer students
- Created career preparation workshops for students: including workshops for pre-physical therapy, pre-physician assistant, pre-medicine, and a workshop for students who are undecided on the health field for graduate studies
- Established several student opportunities including career-focused student organizations:
  - Health Awareness and Prevention Society
  - Pre-Physical Therapy student organization
  - Pre-Occupational Therapy student organization

**University of Texas-El Paso:**

**Biology Department:** part of my assigned duties was the *Laboratory Coordinator*. Examples of some of the responsibilities included:

- Coordinated the undergraduate teaching laboratories in the Biology Department, up to 30-laboratory section.
- Supervised graduate teaching assistants in the Biology Department, managed their teaching schedules, and managed the laboratory curriculum and experiments.
- Managed the laboratory supplies for General Biology, Organismal Biology, and Human Biology Laboratories.
- Was responsible for compliance of all Biology Freshman Laboratories with the University health and safety requirements.
- Coordinated and directed the computer laboratory in the Biology Department; this facility was used by undergraduate and graduate students.
- Mentored undergraduate student research, and guided students through presenting their project at the University's research expo.
- Revised the laboratory manual for "General Biology" laboratories, and updated several experiments.

**Clinical Laboratory Science Program:** part of my assigned duties was the *Clinical Coordinator* assignment. Examples of some of the responsibilities included:

- Maintained the connection with clinical laboratories and hospitals in El Paso-TX, New Mexico and Arizona to prepare Clinical Laboratory science students for their practical experience (preceptorship).
- Prepared, organized, and managed the clinical rotation and training for Clinical Laboratory Science students.
- Evaluated the proficiency of Clinical Laboratory Science students in the major clinical areas of their profession during and after their preceptorship.

**PROFESSIONAL DEVELOPMENT related to ADMINISTRATION**

Programs completed to improve my leadership and administration skills:

- Academic Leadership Academy, UCF, 2015-2016
- Women in Education Leadership Certificate Program, Harvard University, 2013
- Aspiring Administrators Workshop, UCF, 2012

## TEACHING

**STUDENT MENTORING**

**Ph.D. Students**

- *Name:* Yara Asi, Graduate Research Assistant, College of Health and Public Affairs, UCF  
*Role:* supervisor and mentor  
*Status:* 2011-2015
- *Name:* Zyad Bawatneh, Ph.D. student, Department in Teaching and Learning Principles, College of Education, UCF  
*Role:* committee member "external examiner", Ph.D. dissertation committee

*Thesis Title:* The Impact of Using Computer Algebra System in Secondary School Calculus on Students' Conceptual and Procedural Understanding

*Status:* Completed in Fall 2012

### **Undergraduate Students**

- *Name:* Deberly Anzueto, undergraduate student, Health Sciences Pre-Clinical Program, UCF  
*Role:* committee Chair, Honors in the Major research project  
*Thesis Title:* Study and Analysis of Upper Gastrointestinal Symptoms among Students at the University of Central Florida  
*Status:* In Progress
- *Name:* Mathieu Hill, undergraduate student, Health Sciences Pre-Clinical Program, UCF  
*Role:* committee Chair, Honors in the Major research project  
*Thesis Title:* Effect of laser iridoplasty on pulsatile ocular blood flow in primary angle-closure glaucoma and primary angle-closure suspects  
*Status:* Completed in Fall 2015
- *Name:* Aaron Pollock, undergraduate student, Health Sciences Pre-Clinical Program, UCF  
*Role:* committee Chair, Honors in the Major research project  
*Thesis Title:* Mycobacterium tuberculosis regulation of efflux pump tap by transcriptional activator whib7  
*Status:* Completed in Summer 2014
- *Name:* Neley Morales, undergraduate student, Health Sciences Pre-Clinical Program, UCF  
*Role:* committee member, Honors in the Major research project  
*Thesis Title:* Comparative differences between traditional Chinese medicine and western medicine when treating type 2 diabetes mellitus  
*Status:* Completed in Spring 2014
- *Name:* Amy Elliot, undergraduate student, Health Sciences Pre-Clinical Program, UCF  
*Role:* committee member, Honors in the Major research project  
*Thesis Title:* Examination of psychological disorders among undergraduate students  
*Status:* Completed in Spring 2013
- *Name:* Stacy Watson, undergraduate research assistant, Health Sciences Pre-Clinical Program, UCF  
*Role:* research mentor  
*Project Title:* Assessment of age-related health behaviors among college students  
*Status:* 2010-2011
- *Name:* Aldo Coronado, undergraduate research assistant, Clinical laboratory Science Program, University of Texas-El Paso  
*Role:* research mentor  
*Project Title:* Evaluation of the effect of PKC- $\alpha$  and C-raf kinase on retinal layers' structure: a histological study.  
*Status:* 2007-2010

## CURRICULUM and INSTRUCTION

### University of Central Florida

#### **Curriculum development:**

Revamped and restructured the Health Sciences Pre-Clinical curriculum to include the main competencies in Health Science-Pre-Clinical education. This program is now the second largest major at UCF with about 3,300 majors and 700 minors.

- Restructured the core curriculum to include the basic science and health science courses with focus on pathophysiology, pharmacology, nutrition, epidemiology, research, and preventive medicine.
- Created of elective courses to supplement the core curriculum
- Introduced new courses and revised existing courses in the core and elective health science curriculum.
- Established partnerships and collaborations with student support offices on campus to strengthen the academic goals in the curriculum.
- Built and established the advising and student support in the program to provide the academic and professional guidance for students.

#### **New course proposals and development:**

- Pathophysiology I (HSC4555)
- Pathophysiology II (HSC4558)
- Applied Health Research Methodology (HSC4730)
- Epidemiology of Chronic Diseases (HSC4501)
- Clinical Nutrition (HSC4572)
- Concepts of Pathophysiologic Diagnosis (HSC4553)
- Introduction to Human Disease (HSC2524)
- Occupational safety for the healthcare professional (HSC3432)
- Senior Seminar (HSC4930)
- Health Science Internship (HSC4941)

#### **Courses taught:**

- Pathophysiology I (HSC4555): face-to-face, mixed-mode and fully online
- Pathophysiology II (HSC4558): face-to-face
- Pathophysiologic Mechanisms (HSC4555): face-to-face and fully online

### University of Texas-El Paso

#### **Courses taught:**

- Clinical Chemistry I (CLSC3354)
- Clinical Chemistry II (CLSC3262)
- Serology (CLSC3260)
- Clinical Investigation (Clinical Research) (CLSC4274)
- Concepts in Immunodiagnostics (CLSC3351)
- Clinical Laboratory Management and Supervision (CLSC4275)
- Senior Seminar (CLSC4180)
- Preceptorship I, II, III, IV (CLSC4371, 4372, 4376, 4377)
- General Biology (BIOL1305)
- Organismal Biology (BIOL1306)

**Kansas State University:**

**Courses taught:** as teaching assistant

- General Biochemistry Laboratory (BIOCH522)
- Introduction to Organic and Biochemistry Laboratory (BIOCH265)

PROFESSIONAL DEVELOPMENT related to TEACHING

**Course Delivery Training:**

- ADL5000 course (Advanced Distributed Learning for Technology-Mediated Course Delivery)
- IDL6543 course (Interactive Distributed Learning for Technology-Mediated Course Delivery)
- Student Record-FERPA training
- UCF Classroom Security Primer training

**Teaching Enhancement Workshops/Conferences:**

- Summer Faculty Development Conference, UCF, 2013
- Internship Symposium, UCF, 2013
- Creating Accessible Content in the Online Course Environment, 2012
- Engaging Online Students: Practical Interaction Strategies to Enhance Learning, 2011
- Effective Online Assessment: Scalable Success Strategies, 2011
- Winter Faculty Development Conference, UCF, 2010
- Service Learning Day-Engaging STEM and Creating Sustainable Partnerships Conference, UCF, 2010

## RESEARCH

PUBLICATIONS

**Published Peer-Reviewed Journal Articles:**

1. **Saleh, Suha M**, and Hamed, Kastro M. (2014). Service Learning Through Partnership with a Community High School: Impact on Minority Health Science Students. *Journal on Excellence in College Teaching*. 25(1), 95-111.
2. **Saleh, Suha M**, Asi, Yara M., and Hamed, Kastro M. (2013). Effectiveness of integrating case studies in online and face-to-face instruction of pathophysiology: A comparative study. *Advances in Physiology Education*. 37, 201-206.
3. **Saleh, Suha M.**, and Hamed, Kastro M. (2010). Preparing CLS professionals to be consumers and producers of research. *Clin Lab Sci*. 23(3), 19-23.
4. Wagner, Lynn M., **Saleh, Suha M.**, Boyle, Daniel J., Takemoto, Dolores J. (2002). Effect of protein kinase C $\gamma$  on gap junction disassembly in lens epithelial cells and retinal cells in culture. *Molecular Vision*. 8, 59-66.
5. **Saleh Suha M.**, Takemoto, Larry J., Zoukhri, Driss, and Takemoto, Dolores J. (2001). PKC- $\gamma$  phosphorylation of connexin 46 in the lens cortex. *Molecular Vision*. 7, 240-246.
6. Lewis S., Karrer, J., **Saleh, Suha M.**, Chen Y., Tan Z., Hua D., McGill J., Pang Y., Fenwick B., Brightman A., and Takemoto, D. (2001). Synthesis and evaluation of novel aldose reductase inhibitors: effects on lens protein kinase C $\gamma$ . *Molecular Vision*. 7, 164-171.

7. Mohamed, Ali S., Rivas-Pala, Kimberly A., Krass, Jonathan R., **Saleh, Suha M.**, and Swope, Sheridan L. (2001). Src-class kinases act within the agrin/MuSK pathway to regulate acetylcholine receptor phosphorylation, cytoskeletal anchoring, and clustering. *Journal of Neuroscience*. 21 (11). 3806-3818.
8. **Saleh, Suha M.** and Takemoto, Dolores J. (2000). Overexpression of Protein Kinase C- $\gamma$  Inhibits Gap junctional Intercellular Communication in the Lens Epithelial Cells. *Experimental Eye Research*. 71, 99-102.

### **In Review Peer-Reviewed Journal Articles:**

9. **Saleh, Suha M.**, and Asi, Yara M. (2016). Impact of Vision Disorders on Quality of Life among personnel on a College Campus. *Research in Higher Education Journal*. In Review.
10. **Saleh, Suha M.**, and Asi, Yara M. (2016). Predictors of Levels of Student Learning and Understanding in Pathophysiology. *Medical Science Educator Journal*. In Review.

### **Projects in Progress:**

1. **Saleh, Suha M.** and Lee, Michael W. Professional behavior and ethical reasoning: comparison between medical students and undergraduate pre-clinical students.  
*Status: data analysis and preparation of manuscript*
2. **Saleh, Suha M.** and Lee, Michael W. Evaluation of student perception of collaborative group work: comparison between medical students and undergraduates at the pre-clinical stage.  
*Status: data analysis and preparation of manuscript*
3. **Saleh, Suha M.** Prevalence of pre-diabetes and its effect on quality of life among college population.  
*Status: data analysis and preparation of manuscript*

### **Published Abstracts:**

1. **Saleh, Suha M.** (2008). Evaluation of PKC- $\alpha$  and c-raf Kinase Antisense Treatment in Normal and Diabetic Retinas. *Investigative Ophthalmology and Visual Science*; 49:ARVO E-Abstract 5367.
2. Takemoto, Dolores J., Takemoto Larry J., Zoukhri, Driss and **Saleh, Suha M.** (2001). The Association Between PKC- $\gamma$  and Connexin 46 in the Lens Cortex. *Investigative Ophthalmology and Visual Science*. 42 (4), (Abstract: 2899).
3. Karrer, Julie E., **Saleh, Suha M.**, Boyle, Daniel J., and Takemoto, Dolores J. (2001). Effect of Galactosemia on Gap Junctions in the Lens. *Investigative Ophthalmology and Visual Science*. 42 (4), (Abstract: 2901).
4. **Saleh, Suha M.** and Takemoto, Dolores J. (2000). The Role of Protein Kinase C- $\gamma$  in the Gap Junctional Communication in the Lens. *Investigative Ophthalmology and Visual Science*. 41 (4), (Abstract: 3343).
5. Wagner, Lynn M., **Saleh, Suha M.**, and Takemoto, Dolores J. (1999). Comparison of Protein Kinase C- $\alpha$  and Protein Kinase C- $\gamma$  in Bovine Primary Lens Epithelial Cells and N/N1003 Rabbit Lens Epithelial Cells. *Investigative Ophthalmology and Visual Science*. 40 (4), (Abstract: 4664).

### **Other Publications**

1. Kaplan Jeff, Walters Linda, Scott Blake, Gomrad Mary Ellen, Moody Jane, **Saleh Suha**, Garcia Martha, Kastro Hamed, and Berman Steven. (2011). E-Portfolios: uses and perceptions across the disciplines. *Faculty Focus*.10(1), 8-9.
2. Joanne McIntyre and Dee Takemoto (2012). Gaining Weight?: High Fructose Corn Syrup and Obesity. Balboa Press. I wrote a Forward for this book.



3. **Saleh, Suha M.** (2004). Topics in study of life laboratory manual. 1<sup>st</sup> ed. Boston. Pearson Custom Publishing.

## PRESENTATIONS

### Podium Presentations

1. **Saleh, Suha M.** (2010). Revamping the Curriculum for a Growing Program. Winter Faculty Development Conference, FCTL, UCF. Orlando, FL.
2. **Saleh, Suha M.**, and Hamed, Kastro M. (2010). The impact of service learning on Clinical Laboratory Science students. Texas Association for Clinical Laboratory Science (TACLS) annual conference, El Paso, TX.
3. Hamed, Kastro M., and **Saleh, Suha M.** (2009). Focus on the eye: bringing eye research to High School students. The International Sun Conference on Teaching and Learning, El Paso, TX.

### Poster Presentations

1. **Saleh, Suha M.**, and Asi, Yara M. (2013). Assessing the Effect of Vision Disorders on Quality of Life on a University Campus. American College Health Association Annual Conference, Boston, MA.
2. **Saleh, Suha M.** (2013). Designing a Clinical Internship for Preclinical Students in a Large Undergraduate Major. Summer Faculty Development Conference, FCTL, UCF. Orlando, FL.
3. **Saleh, Suha M.**, and Asi, Yara M. (2012). Health Behavior Patterns in Overweight and Obese College Students: Analysis and Implications. American College Health Association Annual Conference, Chicago, IL.
4. Kaplan Jeff, Walters Linda, Scott Blake, Gomrad Mary Ellen, Moody Jane, **Saleh Suha**, Garcia Martha, Kastro Hamed, and Berman Steven. (2010). SWOT “Strengths, Weaknesses/Limitations, Opportunities, and Threats” analysis of E-Portfolios. UCF Winter Faculty Development Conference.
5. **Saleh, Suha M.** (2010). Effect of hyperglycemia and antisense treatment on retinal structure in diabetic retinopathy. Texas Association for Clinical Laboratory Science (TACLS) annual conference, El Paso, TX.
6. Cornelius, E., Valerio, P., and **Saleh, Suha M.** (2009). Do dialysis treatment centers in El Paso have sufficient capacity to meet the needs of the city’s diabetic patients? Texas Association for Clinical laboratory Science (TACLS) annual conference, Galveston, TX.
7. Coronado, A., Garcia, I., and **Saleh, Suha M.** (2009). Hereditary abnormal red blood cell indices: A family study. Texas Association for Clinical laboratory Science (TACLS) annual conference, Galveston, TX.
8. **Saleh, Suha M.** (2008). Evaluation of PKC- $\alpha$  and c-raf Kinase Antisense Treatment in Normal and Diabetic Retinas. Association for Research in Vision and Ophthalmology (ARVO) International Conference, Fort Lauderdale, Florida.
9. **Saleh, Suha M.** (2008). Effect of hyperglycemia and antisense treatment on retinal structure in diabetic retinopathy. The Annual Research Colloquium at Texas Tech University Health Science Center, Paul L. Foster School of Medicine, El Paso, TX.
10. **Saleh, Suha M.** (2008). Effect of Hyperglycemia and antisense treatment on retinal structure in diabetic retinopathy. The 5<sup>th</sup> Annual Diabetes Conference, El Paso, TX.

11. Cabrera, K., Sanchez, M., Ramirez, D., and **Saleh, Suha M.** (2008). Predisposition of UTEP health science students to develop diabetes mellitus type 2. UTEP Research Expo.
12. Leon, E., Espinosa, C., and **Saleh, Suha M.** (2008). Clinical Laboratory Science Workforce in El Paso. Texas Association for Clinical laboratory Science (TACLS) annual conference, Austin, TX.
13. Ortiz, M., Soriano, J., and **Saleh, Suha M.** (2008). HIV/AIDS in El Paso vs. Austin. UTEP Research Expo.
14. Aquilar, J., Hudson, T., and **Saleh, Suha M.** (2005). Breast cancer in the US-Mexico border population. UTEP Research Expo.
15. Bean, J., Castillo, S., and **Saleh, Suha M.** (2005). Asthma in the US-Mexico border population. UTEP Research Expo.
16. Garcia, A., Erives, A., and **Saleh, Suha M.** (2005). Heart disease in the US-Mexico border population. UTEP Research Expo.
17. Hall, M., Cervantes, B., and **Saleh, Suha M.** (2005). Leukemia in the US-Mexico border population. UTEP Research Expo.
18. Hernandez, G., Love, D., and **Saleh, Suha M.** (2005). Lung cancer in the US-Mexico border population. UTEP Research Expo.
19. Ibarbo, D., Patterson, M., and **Saleh, Suha M.** (2005). Diabetes in the US-Mexico border population. UTEP Research Expo.
20. Kosturakis, D., Herrera, J., and **Saleh, Suha M.** (2005). Colon Cancer in the US-Mexico border population. UTEP Research Expo.
21. Pina, H., Bermudez, L., and **Saleh, Suha M.** (2005). Alzheimer disease in the US-Mexico border population. UTEP Research Expo.
22. Zurlinden, K., Ornelas, G., and **Saleh, Suha M.** (2005). Cystic fibrosis in the US-Mexico border population. UTEP Research Expo.
23. Whalin, C. and **Saleh, Suha M.** (2004). Diabetes among American's youth. UTEP Research Expo.
24. Takemoto, Dolores J., Takemoto, Larry J., Zoukhri, Driss, and **Saleh, Suha M.** (2001). The Association Between PKC- $\gamma$  and Connexin 46 in the Lens Cortex. Association for Research in Vision and Ophthalmology (ARVO) International Conference, Fort Lauderdale, Florida.
25. Karrer, Julie E., **Saleh, Suha M.**, Boyle, Daniel J., and Takemoto, Dolores J. (2001). Effect of Galactosemia on Gap Junctions in the Lens. Association for Research in Vision and Ophthalmology (ARVO) International Conference, Fort Lauderdale, Florida.
26. **Saleh, Suha M.** and Takemoto, Dolores J. (2000). The Role of Protein Kinase C- $\gamma$  in the Gap Junctional Communication in the Lens. Association for Research in Vision and Ophthalmology (ARVO) International Conference, Fort Lauderdale, Florida.
27. Wagner, Lynn M., **Saleh, Suha M.**, and Takemoto, Dolores J. (1999). Comparison of Protein Kinase C- $\alpha$  and Protein Kinase C- $\gamma$  in Bovine Primary Lens Epithelial Cells and N/N1003 Rabbit Lens Epithelial Cells. Association for Research in Vision and Ophthalmology (ARVO) International Conference, Fort Lauderdale, Florida.

### Invited Presentations

1. **Saleh, Suha M.** "Clinical Applications of Exercise in Management of Chronic Disease", presented to students at the Athletic Training Program, UCF. 2011, 2012, 2013, 2015, and 2016.

2. **Saleh, Suha M.** “Diabetic Eye Disease” presented at the El Paso Diabetes Association as part of “Talk to the Expert” lecture series, El Paso, TX, Feb. 2010.
3. **Saleh, Suha M.** “Laboratory Procedures and Diagnosis of Fungal Disease”, presented to the Medical Mycology students at the University of Texas-El Paso, Sep. 2009.
4. **Saleh, Suha M.** “Scholarly writing”, presented to College of Health Sciences Graduate Students as part of the Healthy Exchange Seminar series, at the University of Texas-El Paso, Feb. 2009.
5. **Saleh, Suha M.** “Diabetes and your vision”; presented at the El Paso Diabetes Association as part of “Talk to the Expert” lecture series, El Paso, TX, Jan. 2008.
6. **Saleh, Suha M.** “The nervous system and neuromuscular junctions”; presented to the Physical Therapy Program students at the University of Texas-El Paso, Jan. 2008.

## GRANTS

### Funded Grants:

1. Project Title: Transforming the Health Sciences Pre-Clinical curriculum into career-focused tracks  
My role: Principal Investigator  
Funding agency: Quality Enhancement Program (QEP), UCF  
Funding status and amount: Funded, \$10,000  
Funding period: 2016 - 2018
2. Project Title: Establishing an internship program for the health sciences preclinical program  
My role: Principal Investigator  
Funding agency: Faculty Center for Teaching and Learning, UCF  
Funding status and amount: Funded, \$800  
Funding period: 2013 - 2014
3. Project Title: Revamping the curriculum for a program with a growing number of students  
My role: Principal Investigator  
Funding agency: Faculty Center for Teaching and Learning, UCF  
Funding status and amount: Funded, \$500  
Funding period: 2010 - 2011
4. Project Title: Investigating the Involvement of Cellular Communication in the Development of Diabetic Retinopathy  
My role: Principal Investigator  
Funding agency: University Research Institute, University of Texas-El Paso  
Funding status and amount: Funded, \$5,000  
Funding period: 2008 – 2009
5. Project Title: Focus on the Eye: Bringing Eye Education and Research to High School.  
My role: Principal Investigator  
Funding agency: Community Outreach Program, College of Health Sciences, University of Texas-El Paso  
Funding status and amount: Funded, \$10,000  
Funding period: 2007 – 2008
6. Travel Grant: It supported my visit to NIH, I utilized it to learn and gain more experience on preparation and experiments using lens epithelial cells  
My role: Principal Investigator

Funding agency: Kansas State University Cancer Center

Funding status and amount: Funded, \$2,500

Funding period: 2000

7. Travel Grant: It supported my visit to Washington University Medical School; I used it to learn methods and techniques in studying cellular communication through gap junctions

My role: Principal Investigator

Funding agency: Kansas State University Cancer Center

Funding status and amount: Funded, \$3,000

Funding period: 1999

### **Other Submitted Grants**

8. Project Title: Evaluation of collaborative group work in teaching human disease and pathophysiology

My role: Co-Principal Investigator

Funding agency: College of Medicine, UCF

Funding status and amount: Not funded, (\$10,000)

Funding period: 2014-2015

9. Project Title: Professional behavior and ethical reasoning: guidelines for preparation of future physicians

My role: Co-Principal Investigator

Funding agency: College of Medicine, UCF

Funding status and amount: Not funded, (\$10,000)

Funding period: 2014-2015

10. Project Title: Vision Disorders among the Elderly: Understanding Barriers Towards Early Diagnosis and Treatment, and Providing Solutions

My role: Principal Investigator

Funding agency: Gerontology Award Program, Learning Institute for the Elders

Funding status and amount: Not funded, 13,500

Funding period: 2013-2014

11. Project Title: Diabetic Retinopathy Among Hispanic/Latino Americans: Understanding Cultural Barriers Towards Early Diagnosis and Treatment

My role: Principal Investigator

Funding agency: In-House Research Grant, UCF

Funding status and amount: Not funded, (\$7,400)

Funding period: 2010-2011

12. Project Title: Improving Health Sciences Pre-Clinical students' skills in Professional development and career Advancement

My role: Principal Investigator

Funding agency: Learning Institute for the Elders, UCF

Funding status and amount: Not funded, (\$2,000)

Funding period: 2010-2011

13. Project Title: Effect of Hyperglycemia on Regulation of Gap Junction Intercellular Communication in the Retina

My role: Principal Investigator

Funding agency: Fight for Sight Organization.

Funding status and amount: Not funded, (\$20,000)

Funding period: 2008

14. Project Title: Diabetic Retinopathy Among Hispanic Americas: Understanding Cultural Barriers Towards Early Diagnosis and Treatment  
My role: Principal Investigator  
Funding agency: Hispanic health Disparities Research Center, El Paso, TX  
Funding status and amount: Not funded, (\$20,000)  
Funding period: 2007
15. Project Title: Assessment of student perception on dietary supplements and related health benefits in El Paso high school/college students  
My role: Co-Principal Investigator  
Funding agency: Center for Border Health Research, El Paso, TX  
Funding status and amount: Not funded, (\$70,000)  
Funding period: 2006
16. Project Title: Investigating the Importance of Cellular Communication and Diabetic Retinopathy  
My role: Principal Investigator  
Funding agency: University Research Institute, University of Texas-El Paso  
Funding status and amount: Not funded, (\$5,000)  
Funding period: 2006
17. Project Title: Gap Junction Intercellular Communication and Cataract  
My role: Principal Investigator  
Funding agency: Center for Border Health Research, El Paso, TX  
Funding status and amount: Not funded, (\$70,000)  
Funding Period: 2005

## PROFESSIONAL DEVELOPMENT related to RESEARCH

### Participation in Professional Conferences:

- American College Health Association Annual Conference, Boston, MA, 2013
- American College Health Association Annual Conference, Chicago, IL, 2012
- Southern College Health Association Annual Conference, Gainesville, FL, 2012
- Health Disparities and Their True Consequences Conference. This conference was a collaborative partnership between the Central Florida Partnership on Health Disparities, Florida Hospital, and the UCF College of Medicine, 2010
- Texas Association for Clinical Laboratory Science Annual Conference, El Paso, TX, 2010
- The International Sun Conference on Teaching and Learning, El Paso, TX, 2009
- 5<sup>th</sup> Annual Diabetes Conference, El Paso, TX, 2008
- Association for Research in Vision and Ophthalmology (ARVO) International Conference, Fort Lauderdale, FL, 2008
- Association for Research in Vision and Ophthalmology (ARVO) International Conference, Fort Lauderdale, FL, 2000

### Participation in Research Enhancement Workshops:

- Strategies for long-term research planning
- NSF CAREER presentation to discuss NSF's Faculty Early Career Development Program
- NSF, State of STEM (Science, Technology, Engineering, and Mathematics) Education
- UCF Grants Day-Strategies for Team-Based Research
- Find Funding (COS & IRIS)

- NIH/Grants.gov Training
- CITI (Collaborative Institutional Training Initiative) training

#### **Membership in Professional Organizations:**

- American Physiological Society (APS), 2016-present
- American College Health Association (ACHA), 2010-present
- Association for Research In Vision and Ophthalmology (ARVO), 2000-2011
- American Society for Clinical Pathologists (ASCP), 2007-2010
- American Society for Clinical laboratory Science (ASCLS), 2007-2010
- Sigma Xi: The Scientific Research Society, 2002-2010

## SERVICE

### **University of Central Florida**

#### **University Level Service**

- Presenter and moderator, New Faculty Orientation, 2015
- Member, University committee to advocate UCF's interdisciplinary efforts in the area of modeling, simulation, and training, 2014-2015
- Member, University search committee for the Director of Pre-Health and Pre-Law Advising Office, 2014-2015
- Member, University Common Program Oversight Committee, 2013-2015
- Member, UCF Faculty and Staff Health Initiative university committee, 2012-2014
- Member, University taskforce to restructure the offices of Pre-Professional advising, 2013
- Judge, graduate research forum, 2013, 2014
- Organizer of Annual Health education activities to increase awareness about vision disorders, 2011, 2012, 2013
- Member, University Committee to establish a Masters in Public Health Program, 2011-2012
- Panel expert presenter, and poster presentation at the "World Sight Day" event, UCF, 2011
- Panel presenter, New faculty Orientation, 2011
- Reviewer, the University of Central Florida Undergraduate Research Journal

#### **College Level Service-College of Health and Public Affairs (COHPA)**

- Member, Undergraduate Studies Council, 2010-present
- Member, Instructor/Lecturer Promotion Committee, 2013-present
- Member, Teaching Incentive Program (TIP) Criteria Committee, 2010-2011, 2013-2014
- Member, Teaching Incentive Program (TIP) Award Committee, 2011-2012

#### **Department/Program Level Service**

- Chair, Health Sciences Pre-Clinical faculty hiring committees, 2010-present
- Chair, Health Sciences Pre-Clinical staff hiring committees, 2010-present
- Judge, health science research symposium, 2014-2015
- Member, revision of Annual Faculty Standard and Procedures (AESP) Committee, 2012-2014
- Member, Department of Health Professions Chair Search Committee, 2012
- Chair, Curriculum Revision Committee for the Health Sciences Pre-Clinical major, 2010-2011

### **Service to Local Community**

- Founder and Mentor of Health Awareness and Preventions Society to provide health outreach and education at UCF and local community
- Interviewed and provided expert discussion about diabetes and eye disease, The University of Central Florida TV Channel, 2011
- Interviewed and provided expert discussion on teaching in the tech age, by the Central Florida Future Newspaper, 2013
- Community outreach and collaborations:
  - The VA Hospital Research Office in Orlando
  - Health Academy, Seminole High School, FL
  - World Affairs Council of Central Florida
  - Central Florida Community Health Centers
  - Second Harvest Food Bank of Central Florida

### **National Level Service**

- Collaborated with Worlds Affairs of Central Florida and hosted international healthcare visitors from Colombia, 2012
- National Committees participation:
  - Faculty and Staff Health Campaign, part of American College Health Association
  - Health Promotion section, part of American College Health Association
- National Journal Reviewer:
  - Journal of American College Health
  - Medical Education
  - Retina

### **University of Texas-El Paso**

- Program Chair organizing Texas Association for Clinical Laboratory Science (TACLS) Conference 2010, El Paso, TX.
- Participated in Canutillo Health fair: provided consultation and educational resources on Vision and Eye Health to Canutillo community members.
- Committee participation
  - College of Health Sciences Research Committee
  - College of Health Sciences Activities Committee
  - Library Liaison for the Clinical Laboratory Science Program
  - Advisory Committee for the Clinical Laboratory Science Program
  - Clinical Laboratory Science Committee to establish a Masters program in CLS
  - Clinical Laboratory Science Admitting Committee
  - Department of Public Health Faculty Search Committee
- Community outreach and collaborations:
  - El Paso Diabetes Association, El Paso.
  - El Paso Texas Convention and Visitors Bureau.
  - Providence Memorial Hospital Laboratory.
  - Las Palmas Hospital Laboratory.
  - Canutillo High School, El Paso.