



CURRICULUM VITAE
Diane S. Allen-Gipson, Ph.D.

September 23, 2020

MAILING ADDRESS:

11936 Bahia Valley Drive, Riverview, FL 33579

WORK ADDRESS:

University of South Florida Health
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EDUCATION:

2000	Ph.D. Pharmaceutical Sciences	Florida Agricultural & Mechanical University, Tallahassee, FL
1997	M.S. Pharmacology/ Toxicology	Florida Agricultural & Mechanical University, Tallahassee, FL
1990	B.S. Biological Science	University of Central Florida, Orlando, FL
1987	A.A. Biological Science	University of South Florida, Tampa, FL

ACADEMIC APPOINTMENTS:

- August 2018-present Associated Professor with Tenure, USF Health Taneja College of Pharmacy, Department of Pharmaceutical Sciences, USF, Tampa FL
- Aug 2017-Dec 31, 2019. Affiliate Faculty member of Health Outcome and Behavior, Moffitt Cancer Research Center, Tampa FL
- Aug 2015-June 13,2018 Assistant Professor, Courtesy Joint Appointment, College of Engineer, Department of Chemical and Biomedical Engineer, USF, Tampa FL
- Aug 2013-July 31, 2018 Assistant Professor, Courtesy Joint Appointment, Morsani College of Medicine, Division of Allergy and Immunology, USF, Tampa FL
- Sept 2012 - present Affiliate Faculty member of Cancer Biology and Evolution Program, Moffitt Cancer Research Center, Tampa FL
- Oct 3, 2011-July 31, 2018 Assistant Professor of College of Pharmacy and Pharmaceutical Sciences, USF, Tampa FL
- Oct 1, 2011-present Adjunct Professor of Medicine, Division of Pulmonary Critical Care Sleep and Allergy Medicine, UNMC, Omaha NE
- July 2007-Sept 2011 Assistant Professor of Medicine, Division of Pulmonary Critical Care Sleep and Allergy Medicine, UNMC, Omaha NE
- Sept 2004-June 2007 Instructor, College of Medicine, Division of Pulmonary Critical Care Sleep and Allergy Medicine, UNMC, Omaha NE

POST-GRADUATE & CONTINUING EDUCATION TRAINING:

- January 2001-Aug 2004 Post-doctorate Fellowship; Pulmonary, Critical Care, Sleep & Allergy Division of Internal Medicine, University of Nebraska Medical Center, Omaha, Nebraska
- June -August 1997: Minority Internship Program: Molecular Biology Dept. Parke-Davis Pharmaceutical Research, Ann Arbor, MI.

AWARDS, HONORS and MEMBERSHIP in HONORARY SOCIETIES:

- Elected USF Research Council Chair-Elect, May 11, 2020
- Nominated for the USF Research Council Chair-Elect, May 4, 2020
- ABRCMS (Annual Biomedical Research Conference for Minority Student) Returned Judge Travel Award, November 13-16, Anaheim Ca, August 19, 2019
- Dean's Recognition Award for Faculty Council Services, June 28, 2019

- Senior Scholar for the 5th USF Research Boot Camp, May 10, 2019
- ABRCMS (Annual Biomedical Research Conference for Minority Student) Judge Travel Award, November 15-17, 2018
- ABRCMS (Annual Biomedical Research Conference for Minority Student) Judge Travel Award, August 21, 2017
- Selected and Awarded the AAMC Grant Writers Coaching Group for NIH Award, July, 13,2017
- College of Pharmacy Best Researcher Faculty Award, July 10, 2017
- Nominated for COP Faculty Award in the category of "Best Researcher", May 2017
- Nominated and elected COP Faculty Council Vice President for 2018, May 2017
- Awarded the Howard Hughes Medical Institute scholarship, March 22, 2017
- Awarded the McKnight Jr. Faculty Award, November 1, 2016 (for period of January 2017- July 31, 2017 and January 2018- July 31, 2018)
- Nominated for the COP Faculty Award in the categories of "Excellence in Interprofessional Efforts" and "Best Researcher", May 2016
- College of Pharmacy Excellence in Leadership Faculty Award, July 17, 2015
- Nominated for the COP Faculty Award in the categories of "Best Researcher" and "Excellence in Leadership", May 2015
- TBCCN (Tampa Bay Cancer Center Network) Travel Award Fellowship, April 2015
- McKnight Doctoral Alumni Ike Tribble Award, October 23, 2010
- Marquis Who's Who in America, Feb 08-2010
- American Thoracic Society Minority (ATS) Travel Award Fellowship, May 2003
- Member of the National Association for Female Executives, Oct 2001- Oct 2002
- Minority Biochemical Research Support Scholar, Aug 2000-Dec 2000
- Member, Rho Chi Honor Society, April 1999-present
- McKnight Doctoral Fellow Scholar, Aug 1997-Dec2000
- APS/NIDDK (American Physiology Society/National Institute of Diabetes, Digestive and Kidney Diseases) Minority Travel Award Fellowship, Jan 1997; Jan 2000
- Minority Biomedical Research Support Scholar, Aug 1993-Aug 1997

- Best Presentation for Graduate Research at the 1996 Minority Biomedical Research

PROFESSIONAL AFFILIATIONS:

- Special Topic Editor of Frontier Physiology/Pharmacology (2020-present)
- Review Editorial Board Member of Frontier Pharmacology (2012-present)
- American Association of Pharmaceutical Scientists (2011-present)
- American Thoracic Society
 - Served on the Respiratory, Cellular and Molecular Biology (RCMB) Junior Professional Committee (2010-2011)
 - Member of the Editorial Board for American Journal of Respiratory Cell and Molecular Biology (Red Journal; Nov 2010- Dec 2016)
- American Physiological Society (1997-present)
- AAAS Advancing Science Serving Society (2000-present)
- American Society for Pharmacology and Experimental Therapeutics (1997-present)

JOURNALS REFEREED:

- Alcoholism: Clinical and Experimental Research
- American Journal of Physiology: Lung Cellular and Molecular Physiology
- American Journal of Respiratory Cell and Molecular Biology-Red
- British Journal of Pharmacology
- Cell Biology International
- Current Medicinal Chemistry
- Frontier Pharmacology
- International Immunopharmacology
- Journal of Pharmacology Experimental and Therapeutics
- Journal of Visualized Experiments
- Pharmacological Research
- Respiratory Medicine
- Respiratory Research
- Journal of Molecular Medicine
- PLOS One
- BMC Nutrition
- Journal of Physiology
- American Journal of Respiratory and Critical Care Medicine-Blue

PEER-REVIEWER ACTIVITIES:

- American Heart Association (AHA); 2009-2015; 2017-present
- AdHoc Reviewer, NIH NHLBI, Lung, Cellular, Molecular and Immunology (LCMI) Study Session; August 2012-Oct 2012

- College of Pharmacy, Internal Seed Grant; 2011-2014
- System Biology and Biochemistry UNMC Graduate Assistant Fellowship Grant Reviewer; 2008-2011
- Flight Attendant Medical Research Institute (FAMRI); 2007- 2012

TEACHING ACTIVITIES:

Non-didactic Teaching: Students Mentored (High School/Undergraduate/Graduate/Postdoctoral)

HIGH SCHOOL/UNDERGRADUATE

University of South Florida, Tampa FL:

- (1) **Anusha Thota**, University of South Florida, College of Art and Sciences, Microbiology Science Major, Tampa Florida (June 2017- October 2018)
- (2) **Ugochi Nkoronye**, University of South Florida, College of Art and Sciences, Biomedical Sciences Major, Tampa, Florida (Jan 2015-June 2017)
- (3) **Vrushale Palsule**, University of South Florida, Post graduate studies (August 2014-February 2014)
- (4) **Sandra Corson**, University of South Florida, College of Arts and Sciences, Pre-Pharmacy Major, Tampa, Florida (April 2013-May 2014)
- (5) **Marina Saad**, University of South Florida, College of Arts and Sciences, Pre-Med Major, Tampa Florida (April 2013-May 2014)
- (6) **Julio Pena**, University of South Florida, College of Arts and Sciences, Pre-Med/Biomedical Sciences Major, Tampa Florida (August 2012-May 2014)
- (7) **Jasmine Allen**, University of South Florida, Department of Chemistry, American Chemistry Society Mentoring Program, Tampa, Florida (August 2012- April 12, 2013)

University of Nebraska Medical Center, Omaha NE:

- (1) **Janelle Butler**, University of Nebraska-Omaha, Nebraska INBRE Summer Research Program, 2011
- (2) **Frazier Kleitt**, Hampton University, Virginia, UNMC Minority Summer Research Program, 2009

- (3) **Angelica White**, Alcorn University, Mississippi, MARC Summer Research Opportunity Program, 2009
- (4) **Horacio Alvarez Ramierz**, University of Kearney, Kearney, UNMC Minority Summer Research Program, 2008
- (5) **Steven Buffalohead**, Crieghton Prep High School, Center for Reducing Health Disparities Summer Intern Program, University of Nebraska Medical Center, 2008
- (6) **Kanisa Reed**, Wesley Christian High School, Center for Reducing Health Disparities Summer Intern Program, University of Nebraska Medical Center, 2008
- (7) **DeAndre Bluit**, University of N. Texas, Texas, UNMC Minority Summer Research Program, 2007
- (8) **Anne Proulx**, College of Saint Mary, Omaha, UNMC Summer Research Program, 2006
- (9) **Sassen Kwasa**, University of Nebraska, Omaha, UNMC Summer Research Program, 2005
- (10) **Nicole Kolm**, College of Saint Mary, Omaha, UNMC Summer Research Program, 2005
- (11) **Karl Spurzem**, University of Nebraska, Lincoln, UNMC Summer Research Program, 2004

GRADUATE STUDENTS

University of South Florida, Tampa FL:

- (1) **Olga Pinhasov**, University of South Florida, USF Health Taneja College of Pharmacy, PharmD Candidate and preceptee in the APPE Research Elective (May 15, 2020-June 19, 202)
Serving as APPE Preceptor
- (2) **Nguyen Tran**, University of South Florida, USF Health Taneja College of Pharmacy, PharmD Candidate and participant/mentee in the Taneja College of Pharmacy Longitudinal Research Project (August 2019-present)
Serving as PLRP Research Mentor

- (3) **Daniel Pearman**, University of South Florida, USF Health Taneja College of Pharmacy, PharmD Candidate and participant/mentee in the Taneja College of Pharmacy Longitudinal Research Project (August 2019-present)
Serving as PLRP Research Mentor
- (4) **Dalia Elabed**, University of South Florida, USF Health Taneja College of Pharmacy, PharmD Candidate and participant/mentee in the Taneja College of Pharmacy Longitudinal Research Project (August 2019-present)
Serving as PLRP Research Mentor
- (5) **Cameron Carothers**, University of South Florida, USF Health Taneja College of Pharmacy, PharmD Candidate and participant/mentee in the Taneja College of Pharmacy Longitudinal Research Project (August 2019-present)
Serving as PLRP Research Mentor
- (6) **Lucas Abbruzese**, University of South Florida, USF Health Taneja College of Pharmacy, PharmD Candidate and participant/mentee in the Taneja College of Pharmacy Longitudinal Research Project (August 2019-present)
Serving as PLRP Research Mentor
- (7) **Tasha Butler**, University of South Florida, USF Health Taneja College of Pharmacy, PharmD Candidate and participant/mentee in the Taneja College of Pharmacy Longitudinal Research Project (August 2019-present)
Serving as PLRP Research Mentor
- (8) **Pierre Djemgou**, University of South Florida, USF Health Taneja College of Pharmacy, PharmD Candidate and participant/mentee in the Taneja College of Pharmacy Longitudinal Research Project (May 2019-May 2020)
Serving as PLRP Research Mentor
- (9) **Lada Herrmann**, University of South Florida, College of Pharmacy, PharmD Candidate and participant/mentee in the COP Pharmacy Longitudinal Research Project (April 2018-May 2019)
Serving as PLRP Research Mentor
- (10) **Ruxadra Ivascu**, University of South Florida, College of Pharmacy, PharmD Candidate and participant/mentee in the COP Pharmacy Longitudinal Research Project (April 2018-May 2019)
Serving as PLRP Research Mentor
- (11) **Jared Forster**, University of South Florida, College of Pharmacy, PharmD Candidate and participant/mentee in the COP Pharmacy Longitudinal Research Project (April 2018-May 2019)
Serving as PLRP Research Mentor
- (12) **Tamalia Julien**, University of South Florida, College of Arts and Science, Department

of Chemistry, PhD Candidate, Tampa Florida, March 26, 2018; “Synthesis, Modification, Characterization and Processing of Molded and Electrospun Thermoplastic Polymer Composites and Nanocomposites”. **Served as External Chairperson for Dissertation**

- (13) **Jorge Lama**, University of South Florida, College of Pharmacy, PharmD Candidate and participant/mentee in the COP Pharmacy Longitudinal Research Project (August 2016-May-2018) **Serving as PLRP Research Mentor**
- (14) **Michael Ciaravino**, University of South Florida, College of Pharmacy, PharmD Candidate and participant/mentee in the COP Pharmacy Longitudinal Research Project (April 2014-April 2015). **Serving as PLRP Research Mentor**
- (15) **Andrew Carothers**, University of South Florida, College of Pharmacy, PharmD Candidate and participant/mentee in the COP Pharmacy Longitudinal Research Project (PLRP; April 2014-May 2016). **Serving as PLRP Research Mentor**
- (16) **Brenda Wallace Jasper**, University of South Florida Health, College of Nursing, PhD Candidate, Tampa Florida, November 10, 2014; “Knowledge and Acceptance of HPV and the HPV Vaccine in Young Men and their Intention to be Vaccinated”. **Served as External Chairperson for Dissertation**
- (17) **Teryn R. Gehred**, University of South Florida Health, College of Medicine, PhD Program in Biomedical Science Tampa Florida, September 3, 2014-October 3, 2014 (1st lab rotation). **Served as Mentor/Advisor for Lab Rotation**
- (18) **Winta Araya**, University of South Florida Health, College of Nursing, PhD Candidate, Tampa Florida, June 2013; “Knowledge and Practice of Reproductive Health among Mothers and their Impact on Fetal Birth Outcomes: A Case of Eritrea”. **Served as External Chairperson for Dissertation Committee**
- (19) **Raphael Dietrich**, Universität Heidelberg, College of Pharmacy, PharmD candidate, and USF College of Pharmacy Observatory International Student Program (August 19, 2013-October 7, 2013). **Served as Host Laboratory Mentor**
- (20) **Dagmara Monfort**, University of South Florida, College of Engineer Science with emphasis in Bio-Engineer, PhD student, Tampa Florida, Aug 2013-Oct 2015. **Served as Co-Advisor/Co-Chair for Dissertation**
- (21) **Ruan Cox**, University of South Florida Health, College of Medicine, Department of Molecular Medicine, PhD Candidate, Tampa Florida, 2012-2015. **Served as External Mentor**

University of Nebraska Medical Center, Omaha NE:

- (1) **Caronda Moore**, University of Nebraska Medical Center, Department of Pharmacology and Experimental Neuroscience, PhD Candidate, 2009-2013; Successful defended her thesis, “ Reactive Carbonyl Species and complications in Diabetes Mellitus on April 2013. **Served as Dissertation Committee member**

POST-DOCTORAL FELLOWS MENTORING/SUPERVISING

University of South Florida, Tampa FL:

- (1) **Zhi Tian, PhD** (May 2014-present)
- (2) **Ashish Pandit, PhD** (August 2012- December 2013); Current Position: Relocated
- (3) **Carlos Lopez, PhD** (April-June 2012); Current Position: Moffitt Cancer Center

JUNIOR FACULTY MENTORING

University of South Florida, Tampa FL:

- (1) **Nicholas W. Carris PharmD** (May 2016-2018) **Serves as Principal Mentor and Chair of Career Development Committee)**

TCOP FACULTY ADVISEES/COACHEES

University of South Florida, Tampa FL:

Fall 2019-2020

- (1) **Nick Pelletier**, Taneja College of Pharmacy (P1) Class of 2023
- (2) **Andrew Sailors**, Taneja College of Pharmacy (P1) Class of 2023
- (3) **Anup Thomas**, Taneja College of Pharmacy (P1) Class of 2023

Fall 2018-2019

- (1) **Glen Burton**, College of Pharmacy (P1) Class of 2022
- (2) **Ding Nguyen**, College of Pharmacy (P1) Class of 2022
- (3) **Vivan Owusu**, College of Pharmacy (P1) Class of 2022

Fall 2017-2018

- (1) **Liam Lam**, College of Pharmacy (P1) Class of 2021
- (2) **Pierre Djemgou**, College of Pharmacy (P1) Class of 2021

Fall 2016-2017

- (1) **Keravi Gejera**, College of Pharmacy (P1), Class of 2020
- (2) **Veronica Delgado**, College of Pharmacy (P1), Class of 2020
- (3) **Alexander Lezhenkin**, College of Pharmacy (P1), Class of 2020

Fall 2015-2016

- (1) **Louis Go**, College of Pharmacy (P2), Class of 2019
- (2) **Maria Datcu**, College of Pharmacy (P2), Class of 2019

Fall 2014-2015

- (1) **Megan Walker**, College of Pharmacy (PI), Class of 2018
- (2) **Firas Abuqalbeen**, College of Pharmacy (PI), Class of 2018
- (3) **Jorge Lamas**, College of Pharmacy (P3), Class of 2018
- (4) **Melissa Charbonneau**, College of Pharmacy (P3), Class of 2018

Fall 2013-2014

- (1) **Lukose Joseph**, College of Pharmacy (P1), Class of 2017
- (2) **Jonathan Samuelson**, College of Pharmacy (P1), Class of 2017
- (3) **Silpu Abraham**, College of Pharmacy (P1), Class of 2017
- (4) **Rowshan Chowdhury**, College of Pharmacy (P1), Class of 2017

(5) **Olindo Marseglia**, College of Pharmacy (P1), Class of 2017

Fall 2012-2013

(1) **Andrew Carothers**, College of Pharmacy (P1), Class of 2016

(2) **Thayra Molinary**, College of Pharmacy (P1), Class of 2016

(3) **Michael Ciaravino**, College of Pharmacy, (P1), Class of 2016

(4) **Lauren Nardelli**, College of Pharmacy, (P1), Class of 2016

Special Mentorships

College of Pharmacy- USF Health

(1) **David Bohunicky**, College of Pharmacy (P2), Class of 2019: Fall 2015-Fall 2016

(2) **Andres Brito**, College of Pharmacy (P2), Class of 2019: Fall 2015-Fall 2016

(3) **Stanley Jean-St. Charles**, College of Pharmacy (P2), Class of 2019: Spring 2016-Spring 2017; Spring 2018-May 2019

Black Faculty and Staff Mentorship Program

(1) **Jordon Thomas**, College of Arts and Science, Health Science Major emphasis in Biological Sciences; USF Class of 2018; November 29, 2016- 2018

UNIVERSITY TEACHING:

Didactic Teaching: (Pharmacy and other USF Health Students i.e., Nursing)

- USF Health, College of Pharmacy, **Instructor** for Physiologic Basis of Disease (Web-based), PHA 6562; PY1 Fall 2019
- USF Health, College of Pharmacy, **Instructor** for Physiologic Basis of Disease (Web-based), PHA 6562; PY1 Fall 2019
- USF Health, College of Pharmacy, **Instructor** for Introduction to Principles of Drug Actions, PHA 6575; PY1 Fall 2019

- USF Health, College of Pharmacy, **PLRP Mentor** for Pharmacy Longitudinal Research Project, PHA 6915C; PY2 Summer 2020; PY3 Spring 2020; PY2 Spring 2020; PY3 Fall 2019; PY2 Fall 2019
- USF Health, College of Pharmacy, **Co-coordinator and Instructor** for Pharmacotherapeutic I, PHA 6782C; PY2 Fall 2019; PY2 Fall 2018; PY2 Fall 2017; PY2 Fall 2016; PY2 Fall 2015; PY2 Fall 2014; PY2 Fall 2013; PY2 Fall 2012
- USF Health, College of Pharmacy, **Instructor for Pharmacotherapeutic II**, PHA 6783C; PY2 Spring 2020; PY2 Spring 2019; PY2 Spring 2018; PY2 Spring 2017; PY2 Spring 2016; PY2 Spring 2015; PY2 Spring 2014; PY2 Spring 2013
- USF Health, College of Pharmacy, **Instructor for Research Methods and Biostatistics** PHA 6795; PY2 Fall 2019; PY2 Fall 2018; PY2 Fall 2017; PY2 Fall 2016; Fall 2014; PY2 Fall 2013; PY2 Fall 2012
- USF Health, College of Pharmacy, **Instructor for Grant Writing and Clinical Research**, PHA 6740; PY3 2019; PY3 Fall 2018; PY3 Fall 2017; PY3 Fall 2016; PY3 Fall 2015; PY3 Fall 2014; PY3 Fall 2013
- USF Health, College of Nursing, **Instructor for Primary Care of Children and Adolescent: Special Topics**, NGR 6339C; Fall 2014
- USF Health, College of Pharmacy, **Instructor for Basic Principles of Toxicology (Elective)**, PHA 6531; PY3 Fall 2013
- USF Health, College of Pharmacy, **Instructor for Pharmaceutical Skills III**, PHA 6872C, PY2 Fall 2013

Experiential Education:

- USF Health, College of Pharmacy, **Co-Coordinator for Introductory Pharmacy Practice Experience (IPPE)**, PHA 6940; PY1 Spring 2017; **Coordinator for IPPE**, PY1 Spring 2018
- USF Health, College of Pharmacy, **Preceptor for Advance Pharmacy Practice Experience Research Elective (APPE)**, PHA 7684; PY4 Summer 2020

SCHOLARLY ACTIVITY

PUBLICATIONS

**Correspondence author; # equally contributed; ^Trainee*

1. Peng, Lui, Xinhua Xie, Anil Yang, Yanan Kong, **Diane Allen-Gipson**, Zhi Tian, Liye Zhou, Hallin Tang, and Xiaoming Xie. Melatonin Regulates Breast Cancer Progression by the Inc010561/miR-30/FKBP3 Axis. *Molecular Therapy: Nucleic Acids* Vol 19, March 2020. DOI: <https://doi.org/10.1016/j.omtn.2019.12.019>. **PMID:31955008**
2. Mehta M, **Allen-Gipson D**, Mohapatra S, Kindy M, Limayem A. Study on the therapeutic index and synergistic effect of Chitosan-Zinc Oxide nanocomposites for drug-resistant bacterial biofilm inhibition. *Int J Pharm.* 2019 May 6. pii: S0378-5173(19)30356-4. doi: 10.1016/j.ijpharm.2019.05.003. [Epub ahead of print] **PMID:31071421**
3. Jennifer Leigh Rodgers, Lydia Elyse Rodgers, Zhi Tian, **Diane Allen-Gipson**, Siva Kumar Panguluri. Sex differences in murine cardiac pathophysiology with hyperoxia exposure. *J Cell Physiol.* 2019 Feb;234(2):1491-1501. doi: 10.1002/jcp.27010. Epub 2018 Aug 5. **PMID: 30078191. Impact Factor: 3.923**
4. Malaney P, Palumbo E, Semidey-Hurtado J, Hardee J, Stanford K, Kathiriya JJ, Patel D, Tian Z, **Allen-Gipson D**, Davé V. PTEN Physically Interacts with and Regulates E2F1-mediated Transcription in Lung Cancer. *Cell Cycle.* 2018;17(8):947-962. doi: 10.1080/15384101.2017.1388970. Epub 2018 May 31. **PMID:29108454 Impact Factor: 6.290**
5. ^Zhi Tian, Hui Zhang, Jendayi Dixon, Nicole Traphagen, Todd A. Wyatt, Kusum Kharbanda, Samantha Simet Chadwick, Narasaiah Kolliputi, ***Diane S. Allen-Gipson**. Cigarette Smoke Impairs A2A Adenosine Receptor Mediated Wound Repair through Up-regulation of Duox-1 Expression (2017). *Scientific Report-Nature*, DOI: 10.1038/srep44405. **Impact Factor: 4.256; 5yr-Impact Factor: 4.847; PMID: 28337995**
6. Jaymin J. Kathiriya, Niyati Nakra, Jenna Nixon, Puja. S. Patel, Vijay Vaghasiya, Zhi Tian, **Diane Allen-Gipson**, Kairbaan Hodivala-Dilke, M. Wu, and Vrushank Davé (2017). Galectin-1 inhibition Attenuates Profibrotic Signaling in Hypoxia-induced Pulmonary Fibrosis. *Journal of Cell Death Discovery-Nature*, DOI: 10.1038/cddiscovery.2017.10. **Impact Factor: 6.78; 5yr-Impact Factor: N/A; PMID: 28417017**
7. Prerna Malaney, Jonathan Semidey-Hurtado, Jamaal Hardee, Deepal Patel, Daniel Hennessey, Kate Stanford, Emily Palumbo, Zhi Tian, **Diane Allen-Gipson**, Vrushank Davé (2016). Phosphorylation mediated conformational changes defines nuclear role of phosphatase and tensin homology (PTEN) in tumor suppression. *Cancer Research Journal* DOI: 10.1158/1538-7445.AM2016-3682. **Impact Factor: 9.122; 5yr-Impact Factor: 9.826**

8. ^Nicole Traphagen, Zhi Tian and ***Diane Allen-Gipson** (2015). Chronic Alcohol Exposure: Pathogenesis of Pulmonary Disease and Dysfunction. *Biomolecules*: 5(4), 2840-2853; doi:[10.3390/biom5042840](https://doi.org/10.3390/biom5042840). **PMID: 26492278** (Invited Review article in Special Issue “Multi-Organ Alcohol-Related Damage: Mechanisms and Treatment”); **CiteScore 2016** (Scopus): **1.67**
9. Yan Xu, Brian Hu, Sammy S. Alnajm, **Diane Allen-Gipson**, Feng Cheng. SEGEL: a Database of Smoking Effects on Human Lung Gene Expression (2015). *PLOS ONE Genetics*: 10 (5) e0128326. **Impact Factor: 8.17; 5yr-Impact Factor: 7.481; PMID: 26010234**
10. Tabatabaian, F., Teng, M., Tran, K. C., **Allen-Gipson, D.**, Tian, Z., Lockey, R. F., ... & Casale, T. B. (2015). Effects of Cigarette Smoke Extract and Nicotine on Regulator of G Protein Signaling-2 Expression in Human Airway Smooth Muscle and Bronchial Epithelial Cells. *The Journal of Allergy and Clinical Immunology*, 2(135), AB227. **Impact Factor: 12.485; 5yr-Impact Factor: 11.476**
11. Zhou, Q. S., & **Allen-Gipson, D.** (2013). Acquired sorafenib resistance is associated with enhanced invasive capability in A549 cells. *Cancer Research*, 73(8 Supplement), 970. **Impact Factor: 9.284; 5yr-Impact Factor: 8.958**
12. Pathak, R. R., Grover, A., Malaney, P., Quarni, W., Pandit, A., **Allen-Gipson, D.**, & Davé, V. (2013). Loss of Phosphatase and Tensin Homolog (PTEN) Induces Leptin-mediated Leptin Gene Expression FEED-FORWARD LOOP OPERATING IN THE LUNG. *Journal of Biological Chemistry*, 288(41), 29821-29835. **Impact Factor: 4.60; 5yr-Impact Factor: 4.847; PMID: 23963458**
13. ***Allen-Gipson, Diane S.**, Matthew C. Zimmerman, Hui Zhang, Glenda Castellanos, Jennifer K. O'Malley, Horacio Alvarez-Ramirez, Kusum Kharbanda, Joseph H. Sisson, and Todd A. Wyatt. "Smoke Extract Impairs Adenosine Wound Healing. Implications of Smoke-Generated Reactive Oxygen Species." *American Journal of Respiratory Cell and Molecular Biology* 48, no. 5 (2013): 665-673. **Impact Factor: 4.109; 5yr-Impact Factor: 4.333; PMID: 23371060**
14. Fukumoto, Jutaro, Itsuko Fukumoto, Prasanna Tamarapu Parthasarathy, Ruan Cox, Bao Huynh, Gurukumar Kollongod Ramanathan, Rajan Babu Venugopal, **Diane S. Allen-Gipson**, Richard F. Lockey, and Narasaiah Kolliputi. "NLRP3 deletion protects from hyperoxia-induced acute lung injury." *American Journal of Physiology-Cell Physiology* 305, no. 2 (2013): C182-C189. **Impact Factor: 3.674; 5yr-Impact Factor: 3.952; PMID: 23636457**
15. Navarrette, C. R., Sisson, J. H., Nance, E., **Allen-Gipson, D.**, Hanes, J., & Wyatt, T. A. (2012). Particulate matter in cigarette smoke increases ciliary axoneme beating through mechanical stimulation. *Journal of Aerosol Medicine and Pulmonary Drug Delivery*, 25(3), 159-168. **Impact Factor: 2.894; 5yr-Impact Factor: 3.048; PMID: 22280523**

16. Kanaji, Nobuhiro, Amy Nelson, **Diane S. Allen-Gipson**, Tadashi Sato, Masanori Nakanishi, Xingqi Wang, Yingji Li et al. "The p38 mitogen-activated protein kinases modulate endothelial cell survival and tissue repair." *Inflammation Research* 61, no. 3 (2012): 233-244. **Impact Factor: 1.964; 5yr-Impact Factor: 2.042; PMID: 22138711**
17. Wyatt, Todd A., Joseph H. Sisson, **Diane S. Allen-Gipson**, Michael L. McCaskill, Jessica A. Boten, Jane M. DeVasure, Kristina L. Bailey, and Jill A. Poole. "Co-exposure to cigarette smoke and alcohol decreases airway epithelial cell cilia beating in a protein kinase C ϵ -dependent manner." *The American Journal of Pathology* 181, no. 2 (2012): 431-440. **Impact Factor: 4.522; 5yr-Impact Factor: 5.327; PMID: 22677421**
18. Simet, Samantha, Todd A. Wyatt, Jane DeVasure, Daniel Yanov, **Diane Allen-Gipson**, and Joseph H. Sisson. "Alcohol Increases the Permeability of Airway Epithelial Tight Junctions in Beas-2B and NHBE Cells." *Alcoholism: Clinical and Experimental Research* 36, no. 3 (2012): 432-442. **Impact Factor: 3.421; 5yr-Impact Factor: 3.621; PMID: 21950588**
19. **Allen-Gipson, Diane S.**, Michael R. Blackburn, Daniel J. Schneider, Hui Zhang, DeAndre L. Bluitt, Justin C. Jarrell, Daniel Yanov, Joseph H. Sisson, and Todd A. Wyatt. "Adenosine activation of A2B receptor (s) is essential for stimulated epithelial ciliary motility and clearance." *American Journal of Physiology-Lung Cellular and Molecular Physiology* 301, no. 2 (2011): L171-L180. **Impact Factor: 3.662; 5yr-Impact Factor: 4.290; PMID: 21622845**
20. **Allen-Gipson, D.**, Zhang, H., Jarrell, J., Jones, J., & Zimmerman, M. (2010, June). Hydrogen peroxide generated from cigarette smoke exposure plays a role in inhibiting adenosine-mediated wound closure in bronchial epithelial cells. In *PURINERGIC SIGNALLING* (Vol. 6, pp. 35-35). VAN GODEWIJCKSTRAAT 30, 3311 GZ DORDRECHT, NETHERLANDS: SPRINGER. **Impact Factor: 2.975; 5yr-Impact Factor: 3.477**
21. **Allen-Gipson, D. S.**, Jarrell, J. C., Bailey, K. L., Robinson, J. E., Kharbanda, K. K., Sisson, J. H., & Wyatt, T. A. (2009). Ethanol blocks adenosine uptake via inhibiting the nucleoside transport system in bronchial epithelial cells. *Alcoholism: Clinical and Experimental Research*, 33(5), 791-798. **Impact Factor: 3.392; 5yr-Impact Factor: 3.568; PMID: 21622845**
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MANUSCRIPTS IN PREPARATION:

**Correspondence author; # equally contributed; ^Trainee*

1. ^Zhi Tian, Hui Zhang, Kusum Kharbanda, Todd Wyatt and ***Diane Allen-Gipson**. Alcohol in Combination with Cigarette Smoke Exposure Induces Lung Injury via Upregulated Dual Oxidase (Duox 1) and Cytochrome P450 isoform, CYP2E1 in the Airways of Adenosine A2B Knockout Mice. (In preparation).
2. #^Jendayi Dixon, #^Nicole Traphengen, Zhi Tian, and ***Diane Allen-Gipson**. Preclinical Evaluation of H358 Cell line, A Model of Non-Small Cell Lung Cancer Using Electric Cell-Substrate Impedance Sensing (ECIS). (In preparation).
3. ***#Diane S. Allen-Gipson**, #Laketa Entzminger, Lounell Britt, Cathy Meade, Clement Gwede Gwendolyn Quinn and Vani Simmons. CBPR Framework Influences in Mediating Household Smoke-Free Model Among Low-income African American Families (In Preparation).
4. #^Anusha Thota, #^Ugochi Nkoronye, Nicole Traphagen, Zhi Tian, and ***Diane Allen-Gipson**. Co-Exposure with Cigarette Smoke and Ethanol Mediates Mitochondrial Morphological Changes and Dysfunction in Human Bronchial Epithelial Cells (In Preparation).

MANUSCRIPTS SUBMITTED FOR PUBLICATION:

1. ^Zhi Tian, ^Jendayi Dixon, Xiaofang Guo, Benjamin Deal, Qianjin Liao, Yujuan Zhou, Cheng Feng, and ***Diane S. Allen-Gipson**. Co-inhibition of CD73 and A2BAR Improves Long-term Cigarette Smoke Exposure Impaired Airway Wound Repair. Submitted to *Scientific Report* May 2020

ABSTRACTS and POSTER PRESENTATIONS:

Equally contributed; ^Trainee

University of South Florida, Tampa FL:

1. ^Pierre Djemgou, John E. Clark and **Diane Allen-Gipson**. Pharmacists Impact on Statin-Grapefruit Interactions. USF Research Day, Marshall Center, University of South Florida, Tampa, Florida, February 21, 2020
2. ^Jendayi Dixon, Zhi Tian, Michael Teng, **Diane Allen-Gipson**, and Blanca Camoretti-Mercado. Cigarette Smoke Enhances Expression of Bitter Taste Receptors (TAS2R) in Human Airway Epithelial Cells (Poster Discussion). American Thoracic Society, Washington D.C., May 23, 2017.
3. Emily Palumbo, Peng Teng, Prerna Malaney, Michael Kemp, Zhi Tian, **Diane Allen-Gipson** Yu Chen, Jianfeng Cai, and Vrushank Dave. Activation of PTEN lipid phosphatase function in lung cancer. USF Research Day, Marshall Center, University of South Florida, Tampa, Florida, February, 24, 2017.
4. Prena Malaney, Jonathan Semidy-Hurtado, Jamaal Hardee, Deepal Patel, Daniel Hennessey, Kate Stanford, Emily Palumbo, Zhi Tian, **Diane Allen-Gipson**, and Vrushank Dave. Phosphorylation mediated conformational changes defines nuclear role of phosphatase and tensin homology (PTEN) in tumor suppression. American Association for Cancer Annual Meeting 2016, New Orleans, Louisiana, April 16, 2016.
5. **Diane Allen-Gipson, PhD**. “Motivational Teaching Approach: To Encourage Completing Reading Assignments”, Celebration of Teaching, Marshall Center, University of South Florida, Tampa, Florida, March 8, 2016.
6. ^Ugochi Nkoronye, Nicole Traphagen, B.S., Zhi Tian, PhD, and **Diane Allen-Gipson, PhD**. Co-Exposure with Cigarette Smoke and Ethanol Mediates Mitochondrial Morphological Changes and Dysfunction in Human Bronchial Epithelial Cells. USF Research Day, Marshall Center, University of South Florida, Tampa, Florida, February, 19, 2016.
7. J.J. Kathirya, J. Nixon, Pl.S. Patel, V. Vaghasiya, N. Nakra, Z. Tian, **D. Allen-Gipson**, M. Wu, and V. Dave. The role of FAK1 in the development of Idiopathic Pulmonary Fibrosis. Gordon Research Conference (Oral presentation), Proctor Academy, Andover, New Hampshire, August 16-21, 2015.
8. ^Andrew Carothers, PharmD Candidate, Nicole Traphagen, BS., Zhi Tian, PhD., and **Diane Allen-Gipson, PhD**. Isolation of Mitochondria: Analysis of the Downstream Effects of Reactive Oxygen Species. Professional Forum PLRP Poster Presentation, College of Pharmacy, Department of Pharmaceutical Sciences, Tampa, Florida, November 13, 2015.

9. #^Laketa Entzminger, #**Diane Allen-Gipson**, Lounell Britt, Cathy Meade, Clement Gwede, Gwendolyn Quinn and Vani Simmons. Perspectives on Household Smoking Bans Among Low-income African Americans. Moffitt Cancer Center Scientific Symposium, Stabile Research Building, Moffitt Cancer Center, Tampa, Florida, May 7, 2015.
10. Farnaz Tabatabaian, Michael Teng, Kim C. Tran, **Diane Allen-Gipson**, Zhi Tian, Richard F. Lockey, Yan Xie, Yaping Tu, Thomas B. Casale. Effect of Cigarette Smoke Extract and Nicotine on Regulator of G Protein Signaling-2 Expression in Human Airway Smooth Muscle and Bronchial Epithelial Cells. 2015 AAAAI Annual Meeting, Houston Texas, February 23, 2015.
11. **Diane Allen-Gipson**, Zhi Tian, and Jendayi Dixon. Cigarette Smoke-Generated Hydrogen Peroxide and the Upregulation of Nox-Family member, Duox-1 Involves the Activation of Protein Kinase C alpha and Adenosine A2B Receptor. USF Research Day, Marshall Center, University of South Florida, Tampa, Florida, February 20, 2015.
12. #^Laketa Entzminger, #**Diane Allen-Gipson**, Lounell Britt, Cathy Meade, Clement Gwede, Gwendolyn Quinn and Vani Simmons. Perspectives on Household Smoking Bans Among Low-income African Americans. USF Research Day, Marshall Center, University of South Florida, Tampa, Florida, February 20, 2015.
13. ^Jendayi Dixon, Vrushalee Palsule, **Diane Allen-Gipson**. Characterization of H358, Non-small Lung Cell Carcinoma using the Electric Cell-substrate Impedance Sensing (ECIS®). USF Research Day, Marshal Center, University of South Florida, Tampa, Florida, February 21, 2014
14. Qingy Zhou, and **Diane Allen-Gipson**. Acquired Sorafenib Resistance is Associated with Enhanced Invasive Capability in A549 Cells. Department of Pharmaceutical Sciences, College of Pharmacy, University of South Florida, Tampa, Florida, American Association for Respiratory Care, April 2013.
15. ^Glenda Castellanos, Hui Zhang, Todd A. Wyatt and **Diane Allen-Gipson**. Cigarette Smoke Extract Exposure Blunts Adenosine A_{2A}-mediated Activation of cAMP, and its cAMP-dependent protein kinase, (PKA) and Stimulates Protein Kinase C (PKC) Activation Mediated Impairment of Adenosine A_{2A}-stimulated Wound Repair in Bronchial Epithelial Cells, USF Research Day, Marshal Center USF Health, Tampa Florida, February 22, 2013
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17. ^Ashish Pandit, Hui Zhang, Kusum Kharbanda, Todd Wyatt and **Diane Allen-Gipson**. Alcohol in Combination with Cigarette Smoke Exposure Induces Lung Injury via Upregulates Dual Oxidase (Duox 1) and Cytochrome P450 isoform, CYP2E1 in the Airways of Adenosine A2B Knockout Mice. USF College of Art and Science Oktoberfest, Tampa, Florida, October 25, 2013
18. ^Ashish Pandit, Hui Zhang, Kusum Kharbanda, Todd Wyatt and **Diane Allen-Gipson**. Alcohol in Combination with Cigarette Smoke Exposure Induces Lung Injury via Upregulates Dual Oxidase (Duox 1) and Cytochrome P450 isoform, CYP2E1 in the Airways of Adenosine A2B Knockout Mice. COP 1st Education and Research Forum, Marshal Center, USF Health, Tampa, Florida, March 27, 2013
19. ^Ashish Pandit, Hui Zhang, Kusum Kharbanda, Todd Wyatt and **Diane Allen-Gipson**. Alcohol in Combination with Cigarette Smoke Exposure Induces Lung Injury via Upregulates Dual Oxidase (Duox 1) and Cytochrome P450 isoform, CYP2E1 in the Airways of Adenosine A2B Knockout Mice, USF Research Day, Marshal Center, USF Health, Tampa, Florida, February 22, 2013
20. Jennifer Pytlarz, Sheetal Dharia, Angela Hill, Kevin B. Sneed, Sharman McRae, Raymond Cabrera, **Diane Allen-Gipson**. Implementation of the Pharmacy Introduction Learning Series (PILS) for high school students at the University of South Florida College of Pharmacy, American Pharmacists Association (APhA), March 2013.
21. Marianne Koenig, Erini Serag, Amy Schwartz, Kamila Dell, **Diane Allen-Gipson**, Jose Barboza, Amanda DeBruin, Sheetal Dharia, Angela Hill, Yashwant Pathak, Heather Petrelli, Sheeba Varghese Gupta, Glenn Whelan, and Kevin Sneed. "UnBULLievable" Interprofessional Opportunities at the University of South Florida College Of Pharmacy, AACP Annual Meeting, July 2012.
22. **D. S. Allen-Gipson**, H. Zhang, T. Wyatt. Cigarette Smoke Triggers the Tissue Destructive Sensor of A2BAR Through the Activation of Duox Oxidase 1 (**Accepted as Mini symposium-Oral Presentation**), American Thoracic Society, 2012
23. **Diane S. Allen-Gipson**, Hui Zhang, and Todd Wyatt. CS-oxidant Signaling and Adenosine A2B Receptor Activation Alters Adenosine A2A-mediated Airway Wound Repair, USF Health Research Day 2012, University of South Florida, Tampa Florida.

University of Nebraska Medical Center, Omaha NE:

24. McCaskill, M, Poole, JA, **Allen-Gipson, DS**, Devasure JM, Wyatt, TA. Ethanol Consumption Leads To Reduced Levels Of Lung Tissue Vitamin D And Anti-Microbial Peptide LL-37 In C57Bl/6 Mice, American Thoracic Society, 2012.

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26. ^H. Zhang, M. Blackburn, D. Schneider, D. Bluitt, J. Jarrell, D. Yanov, J. Sisson, T. Wyatt and **D. Allen-Gipson**. Adenosine Activation of A_{2B} Receptor(s) is Essential for Stimulated Epithelial Ciliary Motility and Clearance, American Thoracic Society, 2011.
27. ***D. Allen-Gipson**, ^H. Zhang, ^J. Jarrell, J. Jones, and M. Zimmerman. Hydrogen Peroxide Generated from Cigarette Smoke Exposure Plays a Role in Inhibiting Adenosine-Mediated Wound Closure in Bronchial Epithelial Cells, Purine, 2010.
28. **D. Allen-Gipson**, ^AR White, ^FL Keitt, ^JC Jarrell, DA Yanov, and TA Wyatt Cigarette Smoke-Generated Hydrogen Peroxide is Mediated by the Upregulation of Nox-family member, Duox-1 and Nox-5 in Bronchial Epithelial Cells, American Thoracic Society, 2010
29. **D. Allen-Gipson**, ^JC Jarrell, ^H Alvarez-Ramirez. Cigarette Smoke-Generated Reactive Oxygen Species Impair Adenosine-Mediated Wound Closure in Bronchial Epithelial Cells, American Thoracic Society, 2009.
30. ***D. Allen-Gipson**, ^JC Jarrell, DJ Schneider, TA Wyatt, JH Sisson and MR Blackburn Purinergic Stimulation of Ciliary Beat Frequency in Adenosine Receptor Knockout Mouse Tracheal Rings are Dependent on A_{2B} Adenosine Activation. Purines, 2008.
31. ^J.C. Jarrell, ^D.L. Bluitt, T. A. Wyatt, J.H. Sisson and **D. Allen-Gipson**. Adenosine Receptor(s) Activation is Involved in Epithelial Ciliary Motility, American Thoracic Society, 2008.
32. ***D. Allen-Gipson**, J.K. Johnson, J. H. Sisson, T. A. Wyatt. Cigarette Smoke Extract Attenuates Adenosine-Mediated Wound Repair in Bronchial Cells. Experimental Biology, 2006.
33. **D. Allen-Gipson** and ^A. Proulx. The Effects of Adenosine and Its Receptor Agonist on BEAS-2B Cellular Proliferation, American Thoracic Society, 2007.
34. **D. Allen-Gipson**, ^S Kwasa, JH Sisson, TA Wyatt. cAMP-Dependent Protein (PKA) is Elevated in Adenosine-Mediated Wound Repair in Bovine Bronchial Epithelial Cells, American Thoracic Society, 2006.
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37. ***D. Allen-Gipson**, J.H. Sisson, and T.A. Wyatt. Ethanol Prevents Adenosine Uptake via Nucleoside Transporter in Bronchial Epithelial Cells. Experimental Biology, 2005.
38. T. A. Wyatt, A. J. Heires, **D. Allen-Gipson**, S.D. Sanderson, and A.A. Floreani. Protein Kinase C Phosphorylates C5a Receptor Isolated from Cigarette Smoke-Treated Bronchial Epithelial Cells. American Thoracic Society, 2004.
39. A. A. Floreani, A. J. Heires, T. A. Wyatt, **D. Allen-Gipson**, and S. D. Sanderson. C5a and A Response Selective Agonist of C5a Induce IL-12 Release from Alveolar Macrophages in Both C5-Sufficient and C5-Deficient Mice. American Thoracic Society, 2004.
40. **D. Allen-Gipson**, ^J. Wong, J. R. Spurzem, J.H. Sisson, and T. A. Wyatt. Adenosine A_{2A} Receptors Promote Adenosine-stimulated Wound Healing on Bronchial Epithelial Cells. American Thoracic Society, 2004.
41. A. A. Floreani, A. J. Heires, D. Rossan, **D. Allen-Gipson**, T. A. Wyatt and T. Ikezu. Cigarette smoke extract and reactive oxygen species activate PKC- α in smoke-induced IL-6 and IL-8 release from airway epithelial cells. American Thoracic Society, 2003.
42. **D. Allen-Gipson**, A. A. Floreani, A. J. Heires, S. D. Sanderson, R. G. MacDonald, and T. A. Wyatt. Cigarette Smoke Extract Induces C5a Anaphylatoxin Receptor (C5aR) Expression on Human Bronchial Epithelial Cells. American Thoracic Society, 2003.
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44. **D. Allen-Gipson**, M.A. Forget, K.L. May, J.H. Sisson, T.A. Wyatt. IL-8 inhibits stimulated ciliary beat frequency in bovine epithelial cells. American Thoracic Society, 2002.

Florida A & M University, Tallahassee FL:

45. **D. Allen-Gipson**, and A. S. Heiman. Adenosine receptor agonists potentiate calcium-mediated β -hexosaminidase release from 10P2 murine mast cells. Experimental Biology, 2000.
46. ***D. Allen-Gipson**, and A. S. Heiman. Effects of adenosine A₁, A₂ or A₃ receptor agonists on murine mucosal-type mast cell degranulation. Experimental Biology, 2000.

47. ***D. Allen-Gipson**, M. Chen and A.S. Heiman. TNF- α and INF- γ potentiate human eosinophil superoxide generation in the presence of N ω -Nitro-L-Arginine Methyl Ester. Experimental Biology, 1999.
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53. L. Charles, **D. Allen-Gipson** and A.S. Heiman. MC/9 cells exhibit functional activities useful as an *invitro* model for investigating multiple signaling pathways in mast cells. NIH Minority Research Symposium, 1995.

INVITED PRESENTATIONS:

University of South Florida, Tampa FL:

1. **D. Allen-Gipson**, “Realities and Expectation of Pharmacogenomic and Personalized Medicine: Impact of Translating Genetic Knowledge to Reduce Ethnic Health Disparities into Clinical Practice”, 35th Annual McKnight Fellow’s Meeting & 24th Annual Graduate School Conference, Tampa Airport Marriott Hotel, Tampa, FL, October 12, 2019
2. **D. Allen-Gipson**, “Upward Bound: What Is that your Destination”, Alumni speaker for Upward Bound College of Pharmacy Summer Immersion Program, University of South Florida, Tampa Florida, June 26, 2019

3. **D. Allen-Gipson,**” Turning Adenosine On or Off: It’s implication in Cigarette smoke related airway injury, wound repair and lung cancer.” College of Pharmacy Interprofessional Translational Research Day, USF Health, Tampa FL, May 31, 2019
4. **D. Allen-Gipson,** “CD73 Bridges Adenosine-mediated Wound Cigarette Smoke Lung Injury”, College of Pharmacy Graduate Program Seminar, USF Health, Tampa, FL 33612, November 14, 2018
5. **D. Allen-Gipson,** “Healthcare Inequity and Pharmacogenomics: Assessing the Impact of Precision Medicine on Racial and Ethnic Health Disparities”, 34th Annual McKnight Fellow’s Meeting & 23rd Annual Graduate School Conference, Tampa Airport Marriott Hotel, Tampa, FL, November 3, 2018
6. **D. Allen-Gipson,** “CD73 Bridges Adenosine-mediated Wound Cigarette Smoke Lung Injury”, Pulmonary Research Conference, Omaha, NE, October 18, 2018
7. **D. Allen-Gipson,** “Faculty Lifeline: The Importance of Having a Sustainable Office of Research”, Scientific Research Administration International Meeting, San Diego, California, October 10-14, 2018.
8. **D. Allen-Gipson,** “Have You Tried Turning Adenosine Off and On Again? Cigarette Smoke, Inflammation and Lung Injury”, College of Pharmacy Graduate Programs Fall 2018 New Student Orientation, College of Pharmacy, University of South Florida, Tampa, Florida, August 17, 2018
9. **D. Allen-Gipson,** “NSF Grant Workshop”, Part 1: Tips on writing a fundable NSF grant and Part 2: Contacting Grant Program Officers, McKnight Summer Research and Writing Institute, University of South Florida, Tampa, Florida, July 31, 2018
10. **D. Allen-Gipson,** “Upward Bound: What Is that your Destination”, Alumni speaker for Upward Bound College of Pharmacy Summer Immersion Program, University of South Florida, Tampa Florida, June 12, 2018
11. **D. Allen-Gipson,** “Have you tried turning Adenosine off and on again? Cigarette smoke, inflammation and Lung injury.” College of Pharmacy, USF Health Lab Overview, Tampa Florida, January 9, 2018
12. **D. Allen-Gipson,** “Upward Bound: What Is that your Destination”, Alumni speaker for Upward Bound College of Pharmacy Summer Immersion Program, University of South Florida, Tampa Florida, June 26, 2017
13. **D. Allen-Gipson,** Moderator of “Transformers: African American Women Leaders in the Pharmaceutical Industry” at the African American Women in Pharmacy Conference, USF College of Pharmacy, Tampa Florida, November 12, 2016

14. **D. Allen-Gipson**, “The Future of Health Science Profession: Anticipating Tomorrow, Special Topic at the 32nd Annual McKnight & 20th Annual Graduate School Conference, Marriot Tampa Airport Hotel, Tampa International Airport, Tampa, Florida, November 12, 2016
15. **D. Allen-Gipson** “NSF Grant Workshop”, Part 1: Tips on writing a fundable NSF grant and Part 2: Contacting Grant Program Officers, McKnight Summer Research and Writing Institute, University of South Florida, Tampa, Florida, July 26, 2016.
16. **D. Allen-Gipson**, “Upward Bound: Is that your Destination”, Keynote speaker for Upward Bound College of Pharmacy Summer Immersion Program, University of South Florida, Tampa Florida, July 5, 2016
17. **D. Allen-Gipson**, “The Power of Scientific Discovery: The Advantages of Precision Medicine for Disease Preventive and Treatment” Special Topic at the 31st Annual McKnight & 19th Annual Graduate School Conference, Marriott Tampa Airport Hotel, Tampa International Airport, Tampa, Florida, November 14, 2015
18. **D. Allen-Gipson**, “Adenosine: Friend or Foe in Airway Wound Repair Associated with Chronic Lower Respiratory Diseases and Lung Cancer”, Clinical Workshop, College of Pharmacy, Department of Pharmaceutical Sciences, University of South Florida, Tampa, Florida, December 9, 2014.
19. **D. Allen-Gipson**, “Adenosine Airway Injury and Repair: Friend or Foe in Tobacco-related Lung Diseases and Cancer”, USF College of Engineer, Department of Chemical and Bioengineer Lecture Series, University of South Florida, Tampa, Florida, November 14, 2014.
20. **D. Allen-Gipson**, “Adenosine: Friend or Foe in Airway Wound Repair Associated with Chronic Lower Respiratory Diseases and Lung Cancer” USF MCOM Ph.D. Orientation, University of South Florida, Tampa, Florida, August 18, 2014.
21. **D. Allen-Gipson** “NSF Grant Workshop”, McKnight Summer Research and Writing Institute, University of South Florida, Tampa, Florida, July 29, 2014.
22. **D. Allen-Gipson**, “Adenosine: Friend or Foe in Airway Wound Repair Associated with Chronic Lower Respiratory Diseases and Lung Cancer” Internal Medicine-Division of Pulmonary, Critical Care, Sleep & Allergy, Omaha, Nebraska, May 22, 2014.
23. **D. Allen-Gipson**, “Adenosine: Friend or Foe in Airway Wound Repair Associated with Chronic Lower Respiratory Diseases and Lung Cancer,” McKnight Mid-Year Annual Meeting, “NSF Grant Workshop” and Health Science Panelist Discussant, Tampa, Florida, February 28- March 01, 2014.
24. **D. Allen-Gipson**, “Application of a CBPR Framework to Inform a Multi-level Tobacco Cessation Intervention in Public Housing Neighborhoods” Journal Club

Presentation for the Community-Based Participatory Research- TBCCN, Moffitt Cancer Center, Tampa, Florida, November 5, 2013.

25. **D. Allen-Gipson**, 29th Annual McKnight Doctoral and 17th Annual Graduate School Conference, “NSF Grant Workshop” and Health Science Panelist, Tampa, Florida, October 26, 2013.
26. **D. Allen-Gipson**, “NSF Grant Writing Workshop” University of South Florida, for the McKnight Summer Research and Writing Institute, Tampa, FL, July 31, 2013.
27. **D. Allen-Gipson**, “Career Opportunities in Pharmaceutical Sciences”, the USF Student Chapter of the National Organization for the Professional Advancement of Black Chemists & Chemical Engineers (NOBCCHE), Center for Urban and Transportation Research, USF Tampa FL, April 10, 2013.
28. **D. Allen-Gipson**, “NSF Doctoral Dissertation Improvement Grant Writing” 2013 McKnight Doctoral Mid-Year Research & Writing Conference, Marriott Tampa Airport Hotel, Tampa, FL, February 15, 2013.
29. **D. Allen-Gipson**, “Adenosine in Pulmonary Research: A Nucleoside Approach in studying the Physiology of the Human Bronchial Epithelium”, Allergy and Immunology Division WIP lecture Series, Tampa, FL, February 8, 2013.
30. **D. Allen-Gipson**, “Forging Pathways To Impactful Careers” at the Florida Education Fund, 28th Annual McKnight Doctoral and 16th Annual Graduate School Conference, “NSF Grant Workshop”, Tampa, Florida, October 19, 2012.
31. **D. Allen-Gipson**. “The Role of Airway Injury and Repair Associated with Smoke-Related Chronic Inflammatory Lung Diseases and Lung Cancer and Its Link to Health Disparities”. Center for Equal Health Research-In-Progress Presentation Series, USF College of Medicine, Tampa, Florida, September 12, 2012.
32. **D. Allen-Gipson**. “Adenosine a Promising Target in Airway Wound Repair”. Culverhouse Airway Interest Group Mini-Symposium, Allergy and Infectious Disease Division USF Health, Tampa, Florida, July 13, 2012.
33. **D. Allen-Gipson**. “Making Sense of Adenosine in the Airway”. Department of Molecular Medicine Work-In-Progress Summer Series, USF Health, Tampa, Florida, June 6, 2012.
34. **D. Allen-Gipson**, “National Science Foundation Grant Writing Do’s and Don’ts”. McKnight 27th Annual Meeting, Tampa, FL, October 22, 2011.
35. **D. Allen-Gipson**, “NSF Grant Writing Workshop” McKnight Summer Research and Writing Institute, University of South Florida, Tampa, FL, July 26, 2011.

36. **D. Allen-Gipson.** “Adenosine: A Promising Target in Airway Wound Repair”, College of Pharmacy and Pharmaceutical Sciences, University of South Florida, Tampa FL, June 3, 2011.

University of Nebraska Medical Center, Omaha NE:

37. **D. Allen-Gipson.** “Cigarette Smoke-Induced Oxidation Alters Adenosine A_{2A}-mediated Wound Repair Involves Activation of Adenosine A_{2B} Receptor”, Veteran Administration Research Conference Series, Omaha, NE, April 8, 2011.
38. **D. Allen-Gipson.** “Developing Relational and Grant Writing Skills: Tips on Preparing For a Successful NSF Grant Submission”, McKnight Annual Meeting, Tampa, FL, October 23, 2010.
39. **D. Allen-Gipson** “NSF Grant Workshop”, McKnight Summer Research and Writing Institute, University of South Florida, Tampa, FL, July 27, 2010.
40. **D. Allen-Gipson** “ Adenosine Multi-dimensional Role in Airway Injury”, Central Society for Clinical Research, Swissôtel, Chicago, IL, April 23, 2010.
41. **D. Allen-Gipson.** Respiratory Pharmacology. Presented at the Pulmonary, Critical Care, Sleep & Allergy Medicine Division Fellows 2010-2011 Annual Lecture Series, March 16, 2010
42. **D. Allen-Gipson.** “Asks Early, Ask Often: National Science Foundation Proposal Preparation Merit Review”. FEF Mid-Year Meeting, Tampa Marriott International Hotel, Tampa, FL, February 26, 2010.
43. **D. Allen-Gipson.** “Cigarette Smoke, Hydrogen Peroxide and NADPH Oxidase their Role in Adenosine-mediated Airway Wound Repair”. Pulmonary Critical Care Sleep and Allergy Seminar Series, University of Nebraska Medical Center, Durham Research Center I, Omaha, NE, September 10, 2009.
44. **D. Allen-Gipson.** “Cigarette Smoke, Hydrogen Peroxide and NADPH Oxidase their Role in Adenosine-mediated Airway Wound Repair”. Pathology and Microbiology Basic Science Seminar, University of Nebraska Medical Center, Michael Sorrell Center, Omaha, NE, September 9, 2009.
45. **D. Allen-Gipson.** “The Multi-dimensional Role of Adenosine in the Airway”. American Chemistry Society Local Section Meeting, University of Nebraska Medical Center, Wittson Hall Auditorium, Omaha, NE, June 17, 2009.
46. **D. Allen-Gipson.** “Adenosine: Multi- dimensional role in the Airway”. University of Texas-Houston Medical Center, Department of Biochemistry, University of Texas-Houston Medical Center, Houston, Texas, March 6, 2009.

47. **D. Allen-Gipson.** “Cigarette Smoke Attenuates Adenosine-mediated Wound Closure: Role of Reactive Oxygen Species”, University of Nebraska-Lincoln, NE, February 3, 2009.
48. **D. Allen-Gipson.** “Airway Injury and Wound Repair”, University of Nebraska Medical Center, Omaha, NE, The Metropolitan Community College Corporate Education and Training 2009 Nursing Lecture Series, January 15, 2009.
49. **D. Allen-Gipson.** “Stages of Airway Repair”. Presented at the University of Nebraska Medical Center Sorrell Health Center for the U.S. Air Force Office of the Surgeon General, Omaha, Nebraska December 3, 2008.
50. **D. Allen-Gipson.** “My Journey: Mastering Your Ph.D.” Presented at the 24th Annual McKnight Fellow Meeting, Marriott Tampa Airport Hotel, Tampa International Airport, Tampa, Florida, October 24, 2008.
51. **D. Allen-Gipson.** Respiratory Pharmacology. Presented at the Pulmonary, Critical Care, Sleep & Allergy Medicine Section Fellows 2008-2009 Annual Lecture Series, University of Nebraska Medical Center, August 21, 2008.
52. **D. Allen-Gipson.** “COPD, What is it?” Presented at Lothrop Science, Spanish, Technology Magnet Omaha Public Schools, Omaha, Nebraska, June 4, 2008.
53. **D. Allen-Gipson.** “Making Sense of Adenosine in the Airway”. Presented at the Seventh Annual Scholar Day, University of Nebraska Medical Center, Omaha, Nebraska, March 21, 2008.
54. **D. Allen-Gipson.** “Adenosine Regulation of Airway Wound Repair.” Presented at the 23rd Annual McKnight Fellows Meeting, Panel Three: Bridging the Gap Between Healthcare Disparities and Research: Gaining a Better Understanding, Marriott Tampa Airport Hotel, Tampa International Airport, Tampa, Florida, November 10, 2007.
55. **D. Allen-Gipson.** “Adenosine and Its Growing Role in the Innate Immune System.” Presented at the Immunology Interest Group, University of Nebraska Medical Center, October 10, 2007.
56. **D. Allen-Gipson.** “Receptor Biology.” Presented at the Pulmonary, Critical Care, Sleep Medicine & Allergy Section Fellows 2007-2008 Annual Lecture Series, August 6, 2007.
57. **D. Allen-Gipson.** “Making Sense Of Adenosine”. Presented at Summer Research Summer Seminar Series, Eppley Cancer Research Auditorium, July 10, 2007.

58. **D. Allen-Gipson.** “Careers in the Health Professions”. Presented at Walnut Hill Elementary School, March 15, 2006.
59. **D. Allen-Gipson.** “Adenosine in pulmonary Research: A Nucleoside Approach in Studying the Physiology of The Human Bronchial Epithelium”. Presented at Storz Pavilion of Clarkson Hospital “Stepping Forward and Reaching Back program”, September 14, 2005.
60. **D. Allen-Gipson** and Eduardo Vasquez. “Careers in the Medical Field, M.D. or Ph.D.” Presented at Omaha North Boys and Girls Club, Pacesetter Academy, March 15, 2005 and Oct 21, 2004.
61. **D. Allen-Gipson.** “Healthcare Disparities in African American Communities.” Presented at Nineteenth Annual McKnight Fellows and Seventh Annual Graduate School Conference, Tampa Florida, October 11, 2003.
62. **D. Allen-Gipson.** “The risk of smoking and its effects on the lung.” Presented at University of Nebraska Medical Center “A Day at College program Fontenelle Elementary School, May 15, 2003.
63. **D. Allen-Gipson.** “Careers in the Medical Field.” Presented at Skinner Magnet Elementary School, May 8, 2003.
64. **D. Allen-Gipson.** “COPD: What is it? Presented at University of Nebraska Medical Center “ A Day at College program” Fontenelle Elementary School, May 2, 2002 and Monroe Middle School, May 16, 2002.
65. **D. Allen-Gipson.** “COPD: What is it?” Presented at University of Nebraska Medical Center “Education for our youth and our future program”. September 19, 2001.

RESEARCH FOCUS:

Exposure to cigarette smoke is responsible for a considerable amount of pulmonary diseases including chronic bronchitis, emphysema, carcinoma of the lung, and chronic obstructive pulmonary disease (COPD) and excessive alcohol consumption also contributes to the comorbidities associated with these diseases. COPD is the only chronic disease growing in mortality in the USA and afflicts over 23 million people where at least 12 million remains undiagnosed. Furthermore, veterans are much more likely than non-veterans to have ever smoked (74% compared to 48%). By estimation of the US Department of Veteran Affairs, chronic inflammatory disorder, including asthma and COPD, is a common problem among veterans, accounting for ~ 16% of VA hospital admissions and a third of admissions to all VA medical services, driving the need to develop novel research strategies to address the pathogenesis of these disorders. Our lab focuses on mechanisms controlling repair of bronchial epithelium particularly, adenosine signal pathway and its role of epithelial injury in airway diseases associated with cigarette smoke and/or in combination with alcohol exposure. Adenosine, an endogenous nucleoside has been recognized as an important modulator of

hypoxic, ischemic and inflammatory process critical to both tissue homeostasis and tissue injury. However, the mechanisms by which adenosine-mediated airway wound healing and repair occurs after exposure to injurious agents like cigarette smoke has not been investigated. In addition to understanding the mechanisms involved in adenosine-mediated wound repair our lab has a growing interest in targeting efforts to reduce existing disparities in mortality rates particularly associated with smoke-related lung diseases and lung cancer. We recognized mortality from all causes is higher for persons with fewer years of education and for minorities including but not limited to Black and Hispanic population still remains unknown, which diseases contribute most to these disparities.

GRANT/CONTRACT SUPPORT:

PAST FUNDED GRANTS:

Agency: USF Creative Scholarship Grant
Title: Effects of Nicotine on Regulator of G Protein Signaling-2 and the Development of Airway Hyperresponsiveness”

Role: Co-Investigator (**PI: Cardet, J**)
Effort: 5%
Dates: 05/01/2019-04/30/2020
Total: \$10,000

Agency: McKnight Jr. Faculty Award
Role: PI/Awardee
Date: 01/2017-07/2018
Total: \$15,000.00 (Research)

Agency: Florida High-Tech Corridor Grant
Title: Advanced Nutraceutical Delivery Systems Using Formulation Development and Novel Platforms
Role: Co-Principal Investigator
Date: 01/01/2015-12/31/2017
Effort: 2%
Total: \$120,000

Agency: Annual Biomedical Research Conference for Minority Student Judge Travel Award
Role: Awardee
Date: 08/2017-11/2017
Total: \$2,000.00 (ABRCMS Conference)

Agency: Howard Hughes Medical Institute

Role: Awardee
Date: 03/2017-10/2017
Total: \$1,900.00 (Jackson's Lab workshop)

Agency: College of Pharmacy Seed Internal Grant
Title: Cigarette Smoke Exposure Mediates Upregulation of Duox-1 Activation of A₂BAR Pro-inflammatory Sensor in Nuli-1 Cells
Role: **Mentor (PI: Tian, Z; Postdoc)**
Date: 3/30/15-2/28/16
Total: \$ 14,500

Agency: American Heart Association
Title: Atp8b1 Heterozygous Knockout Mice: A Better Model for Pulmonary Fibrosis
Role: **Non-Paid Collaborator/Consultant (Fukumoto, Jataro; PI; Postdoctoral Fellowship)**
Date: 1/1/2014-12/31/2016
Total: \$ 116, 000

Agency: TBCCN Pilot Grant- Moffitt Cancer Center
Title: Perspectives on Household Smoking Bans among Low-income African Americans
Role: **Principal Investigator**
Date: 11/01/13-08/31/2014; (No cost extension **08/31/2015**)
Total: \$ 8,000

Agency: American Heart Association
Title: Resolvins: A Novel Therapeutic Approach to Acute Lung Injury
Role: **Non-Paid Collaborator/Consultant (PI: Cox, R; Predoctoral Fellowship)**
Date: 07/01/2013-06/30/2015
Total: \$ 52,000

Agency: Nebraska Department of Health and Human Services
Title: Cancer and Smoking Disease Research (LB506)
Role: **Principal Investigator**
Date: 07/01/2011-06/30/2012
Total: \$ 40,000

Agency: Department of Veterans Affairs Merit Review Award (VA I01BX000728-01)
Title: Alcohol consumption and RSV infection in airway injury
Role: **Co-Investigator (PI: Wyatt, T)**
Date: 4/1/11-9/30/15
Total: \$ 889,016

Agency: Bayer Schering Pharma

Title: Functional Role of Adenosine A_{2B} Receptor(s) Activation in Mucociliary Clearance
Role: **Principal Investigator**
Date: 2/15/2011-12/14/2012; (No cost-extension due to transfer **6/1/2013**)
Total: \$ 13,686

Agency: NHLBI Mentored Minority Career Development Award (K01)
Title: Adenosine Regulation of Airway Wound Repair
Role: **Principal Investigator**
Date: 10/1/2006-8/31/2011 (No Cost extension **8/31/2012**)
Total: \$ 628,080

Agency: Nebraska Department of Health and Human Services
Cancer and Smoking Disease Research (LB506)
Title: Cigarette Smoke Affects Adenosine-Mediated Airway Repair
Role: **Principal Investigator**
Dates: 6/1/2005-5/31/2006
Total: \$ 39,944

Agency: Nebraska EPSCor-Small Grant Program for Members of Under-represented Groups in Science in Nebraska
Title: Adenosine Regulates Airway Wound Repair
Role: **Principal Investigator**
Dates: 6/2005-12/2005
Total: \$ 3,000

Agency: Minority Training Research NIH RO1 (NIAAA) Supplement Grant
Title: Ethanol-Mediated Bronchial Cilia Dysfunction
Role: **Principal Investigator**
Dates: 6/1/2002-9/31/2006
Total: \$ 66,150

Agency: American Lung Associate of Nebraska
Title: Adenosine Modulates Fibronectin Release from Human Bronchial Epithelial Cells.
Role: **Principal Investigator**
Dates: 6/1/2002-5/31/2003
Total: \$ 15,000

GRANTS IN PREPARATION

Adenosine A_{2B} Receptor and COVID-19: Role in Cigarette Smoke Lung Injury

CURRENT GRANTS/AWARDS:

N/A

PENDING/UNDER REVIEW GRANTS:

Agency: Department of Defense: Defense Health Program (**Submitted for consideration: August 7, 2019**)
Title: **Multiaxial Nanomembrane Drug Delivery System for Preclusion of Lung Cancer Recurrence**
Role: Co-Investigator (**PI: Thomas, Sylvia**)
Date: 03/01/2020-02/28/2021
Effort: 10%
Total: \$147,554
Resubmission: 6/10/2020; Dates 02/20/21- 01/31/22

Agency: USF Health COVID-19 Rapid Response Research Grant (**Submitted for consideration: May 18, 2020**)
Title: SARS-CoV-2 Nsp6 and Orf9c Interactions with Sigma Receptors as Potential Therapeutic Targets
Role: Co-Principal Investigator (Breslin, Jerome: PI)
Date: 06/01/2020-05/31/2021
Effort: 10%
Total: \$25,000

Agency: USF Health COVID-19 Rapid Response Research Grant (**Submitted for consideration: April 18, 2020**)
Title: Cell Type Specific Characterization of SARS-CoV-2 Spike Glycoprotein-Mediated Common and Differentially Regulated Cytokine and Innate Immune Responses.
Role: Co-Principal Investigator (Guzeloglu-Kayisil, Ozlem: PI)
Date: 05/01/2020-04/30/2021
Effort: 5%
Total: \$25,000

Agency: USF Health COVID-19 Rapid Response Research Grant (**Submitted for consideration: April 18, 2020**)
Title: Renin Angiotensin (RAS) and Bradykinin (BK) Microenvironments on SARS-CoV19 ACE2 Receptor Sensitivity: Effect of ACE Inhibitors and ARBs
Role: Co-Principal Investigator (Magness, Ron: PI)
Date: 05/01/2020-04/30/2021
Effort: 10%

Total: \$25,000

Agency: NIH R01(**Submitted for consideration: June 5, 2019; Non-funded up for resubmission**)

Title: Implications of Adenosine Signaling and CD73 in Non-Small Cell Lung Cancer

Role: Principal Investigator

Date: 04/01/2020-03/31/2025

Effort: 30%

Total: \$3,250,000

Agency: NIH R01 (**Submitted for consideration: Feb 5, 2019; Non-funded up for resubmission**)

Title: Molecular Mechanisms of Atrial Fibrillation in Cigarette Smoking

Role: Co-Investigator (**PI; Noujaim, Sami**)

Date: 02/01/2019-01/31/2024

Effort: 10%

Total: \$1,250,000

Agency: NIH R01 (**Submitted for consideration: June 4, 2018; Non-funded up for resubmission**)

Title: CD73 Bridges Adenosine-mediated Wound Repair in Cigarette Smoke Lung Injury

Role: Principal Investigator

Date: 06/01/2018-05/31/2023

Effort: 30%

Total: \$1,250,000

Agency: NIH-NINDS (R03)

Title: Development of a More Robust Animal Model of Cerebral Small-vessel Disease and Vascular Cognitive Impairment

Role: Co-Principal Investigator (**P.I. Cuevas, J**)

Effort:2%

Date: **07/01/2017-06/31/2018- Submitted for consideration: 10/15/2016: Scored and Resubmitted: July 10, 2018**

Total: \$ 100,000 (Annual Direct Costs)

Agency: Short-Term Research Education Program to Increase Diversity in Health Related Research (NIH)

Title: Summer Training and Research Mentoring (START) Program (R25)

Role: Co-Principal Investigator (**P.I. Varghese Gupta, S**)

Effort:15%

Date: **12/2017- 9/2019-Submitted for consideration: 02/15/2017: Not Funded**

Total: \$ 330,104 (Annual Direct Costs)

Agency: Minority Science and Engineering Improvement Program (MSEIP)
Title: Joint University of South Florida, Spelman and Morehouse Minority Undergraduate Science Training Summer Research Program (R25)
Role: Co-Principal Investigator (**P.I. Magness, R**)
Effort:15%
Date: **05/15/2017- 5/14/2020-Submitted for consideration: 12/20/2016: Not Funded**
Total: \$ 643,867 (Annual Direct Costs)

Agency: Arnold and Mabel Beckman Foundation Postdoctoral Fellowship
Title: Cigarette Smoke-mediated Activation of A_{2B}AR Deregulates Adenosine-mediated Reparative Effects in Airway Epithelial Cells
Role: Mentor (**P.I. Tian, Z; Postdoc**)
Effort:N/A
Date: **09/01/2017-08/31/2019-Submitted for consideration: 09/19/2016: Not Funded**
Total: \$ 142,412 (Annual Direct Costs)

Agency: FDOH James and Esther King Biomedical Research Program
Title: Targeting Sigma Receptors for Treatment of Cerebral Vascular disease
Role: Co-Principal Investigator (**P.I. Cuevas, J**)
Effort:5%
Date: **03/31/2017-02/28/2020-Submitted for consideration: 08/29/2016: Not Funded**
Total: \$ 780,818 (Annual Direct Costs)

Agency: James and Esther King Biomedical Research Program
Title: Cigarette Smoke Exposure Induces CD73 mediated Purinergic Signaling in Precancerous Model of Human Airway Epithelium
Role: Principal Investigator
Date: **Submitted for letter of intent: 07/14/2016: Did not submit for consideration-Withdraw application.**
Total: \$1,500,000 (Annual Direct Costs)

Agency: ACCP RI Future Grants Jr Investigator
Title: Stopping Enhanced Multi-morbidity (STEMM): Implementation of Diabetes Prevention in Patients with and at High Risk for Atherosclerotic Cardiovascular Disease
Role: Mentor (**P.I. Carriss, N**)
Effort:N/A
Date: **Submitted for consideration: 05/26/2016; Not Funded**
Total: \$30,000 (Annual Direct Costs)

Agency: NIH-NHLBI (RFA-HL-16-020; R03)
Title: Bitter Taste Receptor Expression and Function in Human Airway Epithelial Cells.
Role: Co-Principal Investigator; (PI: Camoretti-Mercado, B)
Effort:3%
Date: **Submitted for consideration: 02/16/2016; Resubmitted: 02/2017**
Total: \$100,000 (Annual Direct Costs); **Not funded**

Agency: NIH-NHLBI (PA-13-302; R01)
Title: Functional Interactions between Bitter Taste Receptor and Pro-contractile GPCR.
Role: Co-Principal Investigator; (PI: Camoretti-Mercado, B)
Effort:5%
Date: **Submitted for consideration: 02/5/2016; Resubmitted: 11/04/2016**
Total: \$1,250,000 (Annual Direct Costs)

Agency: NIH-IEHS (PA-13-303- R21-Grant11942395)
Title: Identifying Adenosine Signaling Pathway Associated with Preclinical COPD/Emphysema-like Mouse Model.
Role: Principal Investigator; (Multiple PIs; Cheng, F)
Date: **Submitted for consideration: 06/16/2015; Not Funded**
Total: \$275,000 (Annual Direct Costs)

Agency: NIH-NCI (PA-13-146 - 1R21 CA192136-01)
Title: Exploiting PTEN conformation for Pharmacotherapy.
Role: Co-Principal Investigator; (PI: Dave', V)
Date: **Submitted for consideration: 02/26/2015; Not Funded**
Total: \$275,000 (Annual Direct Costs)

Agency: The Cyberlearning and Future Learning Technologies NSF grant
Title: Rx for eLearning; Proposal ID: Fast lane proposal 1523141
Role: Co-Principal Investigator/Advisory member; (PI: Jackson, K)
Date: **Submitted for consideration: 12/17/2014; Not Funded**
Total: \$500,000 (Annual Direct Costs)

Agency: James and Esther King Biomedical Research Program
Title: Cellular and Molecular Mechanisms of Microvascular Injury in the Lung Due to Combined Tobacco and Alcohol Exposure.
Role: Co-Principal Investigator; (PI: Breslin, J)
Date: **Submitted for consideration: 08/22/2014; Not funded**
Total: \$1,500,000 (Annual Direct Costs)

Agency: James and Esther King Biomedical Research Program
Title: Targeted Therapies to Protect Against Dilated Cardiomyopathy and Sudden Cardiac Death

Role: Co-Principal Investigator; **(PI: Bennet, E)**
Date: **Submitted for consideration: 08/22/2014: Not funded**
Total: \$1,500,000 (Annual Direct Costs)

Agency: Department of Defense Lung Cancer Research Program: Idea Development Award **(Not considered)**
Title: Cigarette Smoke Exposure and Adenosine Action in Precancerous Model of Human Airway Epithelium; LC140357
Role: Principal Investigator
Date: **Submitted Letter of Intent and Consideration: 06/02/2014**

Agency: NIH-NHLBI Research Initiative Grant (R01; **Not funded**)
Title: The Effects of Cigarette Smoke-generated Hydrogen Peroxide on Adenosine Airway Injury and Repair Dysfunction
Role: Principal Investigator
Date: Submitted 02/04/2011; 1R01HL111586-01; **Resubmitted 03/05/2014; HL111586- 01A1-Not Funded**
Total: \$ 3,105,281(Annual Direct Costs)

Agency: NIH-NHLBI Research Education Project (R25; **Not funded**)
Title: Advanced cardiovascular, respiratory research training and mentoring for Promoting diversity in workforce
Role: Co-Principal Investigator; **(PI: Tipparaju, S)**
Date: **Submitted for consideration: 03/13/2014: Not Funded**
Total: \$1, 250,000 (Annual Direct Costs)

Agency: NIH-NCI (PA-13-303 - R21; **Up for resubmission**)
Title: Exploiting PTEN conformation for Pharmacotherapy.
Role: Co-Principal Investigator; **(PI: Dave', V)**
Date: **Submitted for consideration: 02/13/2014: Not Funded**
Total: \$275,000 (Annual Direct Costs)

Agency: Women's Health Collaborative Grant **(Not funded; Up for resubmission)**
Title: Molecular Mechanism of Estrogen Action in Pre-clinical Models of Obstructive Lung Diseases
Role: Multiple PI, Principal Investigator #3
Date: **Submitted for consideration: 02/28/2014; (Resubmitted on 10/03/2014; Not funded)**
Total: \$12,000 (Annual Direct Costs)

Agency: Flight Attendants Medical Research Institute Clinical Innovator Awards **(Not funded)**
***(Proposal considered for submission on 10/31/13)**
Title: Cigarette Smoke Alters A_{2A}AR Airway Wound Repair
Role: Principal Investigator

Date: Submitted Letter of Intent: 09/03/2013; **Submitted for consideration: 12/02/2013**

Total: \$ 100,000 (Annual Direct Costs)

Agency: James and Esther King Biomedical Research Program
Title: Cigarette Smoke-Induced Oxidation Alters Adenosine-mediated Airway Wound Repair

Role: Principal Investigator

Date: **Submitted for consideration: 07/30/2013: (Not funded)**

Total: \$400,000 (Annual Direct Costs)

Agency: Human Frontier Science Program Grant (**Not considered**)

Title: Homeopathic Medicines for Smoke-related Lung Injury: A Novel Drug Delivery System

Role: Principal Investigator

Date: **Submitted Letter of Intent: 03/27/2013**

Agency: American Asthma Foundation

Title: Cigarette Smoke-oxidant and Adenosine A2B Activation Alters Adenosine A2A-mediated Wound Repair

Role: Principal Investigator

Date: **Submitted for consideration 02/08/2012: Grant # 12-0202: (Not funded)**

Total: \$150,000 (Annual Direct Costs)

SERVICE AND PROFESSIONAL ACTIVITIES:

COMMITTEE/SERVICE DUTIES:

College of Pharmacy- USF Health

Committees (Dept. & COP)

*College standing committee

- TCOP Research Committee (July 2020-Present) **Member and Inaugural Chair**
- Taneja College of Pharmacy (TCOP) College level Promotion and Tenure Committee (July 2019-Present)
- COP Committee on Continuing Professional Development (August 2018- June 2020)

- COP DPS Chair Faculty Search AdHoc Committee (February 2017- 2018)
- Renamed to Academic Review Committee (**Member and Dept. of Pharmaceutical Sciences (DPS) Faculty representative** (August 2019-October 2019); *Academic Review, Professionalism, and Student Affairs Committee (ARPSAC; 2015-present); **Immediate Past Chair** (2018-2019); **Elected Chair** (2017-2018); **Elected Co-Chair** (2016-2017); **Member and Dept. of Pharmaceutical Sciences (DPS) Faculty representative** (2015-2016)
- Graduate Faculty Search AdHoc Committee (September 2014-2015)
- DPS Faculty Retreat AdHoc Committee (April-June 2014; Jan-June 2013) **Chair, Member and DPS Faculty representative**
- Medical Writer Search AdHoc Committee (Jan 2014-Jan 2013); **Member and DPS Faculty representative**
- *DPS Promotion and Tenure Committee (2013-2015); **Member and DPS Faculty representative**
- *Curriculum Committee (CC; 2012-2015); **Member and DPS Faculty representative**
- *Research Committee (RC; 2012-2014); **Founder Chair and DPS Faculty representative**
- Scholarship AdHoc Committee (Aug 2012-present); **Member and DPS Faculty representative**
- *Faculty Council Committee (FC; Oct 2011-June 2020); **Immediate Past President (2019-2020); Elected President (2018-2019); Elected Vice-President (2017-2018); Elected Treasurer (2015-2017); Member and DPS Faculty representative (2011-2012) and (2014-2015)**
- COP Accreditation Committee (Oct 2011-April 2017) ; (*2019-Present)
 - *Self-study ACPE Team 2 and Team 5 (September 2019-Present)
 - Self-study ACPE Team 1 and Team 3 (**Member; April 2017-June 2016**)
 - Self-study ACPE Team 4: Standard 9 and Standard 10 (**Member; March 2015-Jan 2014**)
 - Self-study ACPE Team 4: Standard 12 and Standard 13 (**Team Chair and Member; April 2014-April 2013**)
 - Self-Study ACPE Team 6; Standard for Faculty and Staff (**Member; June 2013-Nov 2011**)

- Self-study ACPE Team 4; Standard for Curriculum (**Member; Oct 2011-March 2012**)

University of South Florida

- USF Research Council Committee (Fall 2019-present); Nominated and elected Chair-Elect (2020-2021); Research Council Ad Hoc Review Committee (Feb 10-17, 2020; Research Integrity)
- USF's Institutional Animal Care and Use Committee - Alternate member (IACUC; September 1, 2014-2017)
- Faculty Council on Faculty Issues (Fall 2012-2015)

Moffitt Cancer Center

- Collaborator Member of the Moffitt Cancer Health Outcome and Behavior Affiliate (Fall 2017-present)
- Collaborator Member of the Moffitt Cancer Research Molecular Oncology Affiliate (Fall 2012-present)

CAREER DEVELOPMENT/ENHANCEMENT OPPORTUNITIES:

University of South Florida, Tampa FL:

- Served as American Heart Association (AHA) Collaborative Sciences Award (CSA) Peer-Reviewer, Virtual Webex CSA Peer Review Meeting, USA, April 22, 2020
- Selected to serve as committee member for the Florida Education Fund Midyear-Research and Writing Conference Advisory Committee, Florida Education Fund, Tampa FL, February 21, 2020
- Hosted the College of Pharmacy Faculty Council Faculty Development Workshop. "Grit, Curiosity, Learning, & Games", USF Health, Tampa FL, March 15, 2019.
- Selected applicant and Awardee the ABRCMS Travel Judge Award, Anaheim California, November 13-16, 2019
- Attendee and participant of the Teleconference American Heart Association Collaborative Science Reviewer Training, USA, October 23, 2019

- Extramural Member of the Hampton University's Institutional Biosafety Committee Hampton University, Hampton VA, January 31, 2019 – Present
- Selected applicant and Awardee the ABRCMS Travel Judge Award, Indianapolis Indiana, November 15-17, 2018
- Selected Reviewer to serve on the ABRCMS Student Travel Award Review Committee, American Society for Microbiology, Washington, DC, August 31-September 6, 2018
- Selected as Faculty Representative for College of Pharmacy and Faculty Council President to attend the FIS Demo for Assignment and Evaluation, USF Health, CMS Resource, CMS 3007, July 25, 2018
- Selected applicant and Awardee the ABRCMS Travel Judge Award, Phoenix Arizona, November 1-5, 2017
- Selected applicant for the 2017 AAMC Grant Writers Coaching Group for NIH Awards, Orlando Florida, September 7-10, 2017-Canceled (Application selected and accepted- July 2017) **Rescheduled to October 26-27, Washington DC due to Hurricane Irma**
- Awardee of the Howard Hughes Medical Institute to attend the Workshop on Phenotyping Mouse Models of Human Lung Disease, Jackson Laboratory Bar Harbor, Maine, October 9-14, 2017 (**Awarded- March 2017**)
- Presenter, and attendee at the We-Care Dry Run Presentation, University Community Center, Tampa, Florida, October 5, 2017
- Attendee and participant at the “Critical Thinking” Webinar at the College of Nursing, Tampa, Florida, November 15, 2016
- McKnight Jr. Faculty Development Fellowship (JFF) Awardee, Florida Education Fund, Tampa, Florida (Awarded October 2016)
- Attendee and participant at the University of South Florida Health Faculty Development Leadership Workshop “ Conflict Management and Negotiation”, University Club, Tampa, Florida, June 16, 2016
- Attendee and participant at the American Heart Association and American Stroke Association 2016 Research Symposium, CAML, Tampa, Florida, June 14, 2016
- Attend the Academy for Teaching and Learning (ATLE) Summer Teaching Symposium, University of South Florida, May 11-12, 2016

- Attendee and participant at the “ Scientific Writing Mini-Course” with Jane Carver, College of Medicine USF South Tampa Campus, Tampa Florida, November 10, 2015
- Selected attendee, and participant at the “Lung Development, Injury & Repair”, Gordon Research Conference, Translating Lung Biology to Respiratory Medicine, Proctor Academy Andover, New Hampshire, August 16-21, 2015
- TBCCN Travel Award Recipient, to attend the 13th Annual Summer Workshop/Course entitled Disparities in Health in America in Houston, Texas, June 22-17, 2015.
- Attendee, participant and invited author to write a report for the conference at the Smoking Science Summit in London, United Kingdom, May 19-21, 2015.
- Attendee and presenter at the Moffitt Cancer Center Symposium 2015, Stabile Research Building, Moffitt Cancer Center, May 7, 2015
- Attendee and participant at the Community Advocacy MATCHMAKING Luncheon Workshop, A 50 Hoops TM Medical Education Program, Tampa, Florida, April 24, 2015
- TBCCN Dissemination Retreat, Safety Harbor Resort and Spa, Safety Harbor, Florida, July 17-18, 2014
- Collaborative Institutional Training Initiative (CITI), Human Research Curriculum Biomedical Investigators and Key Personnel Basic Course/1, Tampa Florida, April 29, 2014
- University of South Florida, College of Pharmacy Office of Research, “Rx for Research Initiatives Retreat”, Clearwater, Florida, August 30, 2013
- University of South Florida Summer Workshop Series, “Crafting NIH R01”, USF Marshall Center, Tampa, Florida, August 12 and August 14, 2013
- College of Pharmacy Strategy Planning Retreat, USF Patel Center for Global Solutions, Tampa, Florida, July 22, 2013
- TBCCN CBPR Training Institution, USF Health and Moffitt Cancer Center, Tampa, Florida, March 27-28, 2013
- Center for Equal Health, Training Intervention Mapping Training Workshop, USF Health, Tampa Florida, December 10-12, 2012
- Office of Community Engagement Research Ethics and IRB Processes for Community Based Research Workshop, USF EDU 413, Tampa Florida, November 30, 2012

- Community-Based Partnership Research Training Program at Tampa Bay Community Cancer Network (TBCCN) (sponsored by Moffitt Cancer Center and funded by the National Cancer Institute (Grant No. 1U54 CA153509), July 2012-August 2014
- Member of Culverhouse Airway Interest Group, Allergy and Immunology Disease Division, USF Health Tampa Florida, June 2012-July 2016
- College of Pharmacy Faculty Leadership Academy, Center for Transformation and Innovation, October 2011-August 2013

University of Nebraska Medical Center, Omaha NE:

- Awardee NIH NHLBI K01 Minority Career Development and Mentor Award, Omaha NE, (October 2006- August 2011)
- AAMC Minority Faculty Career Development Seminar, Georgetown University, Washington, D.C., September 11-13, 2004

PROFESSIONAL ACTIVITIES:

University of South Florida, Tampa FL:

- Participant and attendee at the DPS Faculty Candidate, Dr. Jianhua Xiong presentation and interview, TCOP, June 6, 2020
- Participant and attendee at the DPS Faculty Candidate, Dr. Junwang Xu presentation and interview, TCOP, June 4, 2020
- Participant for the Virtual MMI Station 4, Taneja College of Pharmacy, Microsoft Team, May 21, 2020
- Attend the Virtual Medallion Awards for Class of 2020, Taneja College of Pharmacy, Microsoft Team, May 1, 2020
- Participant and attendee at the DPS Faculty Candidate, Dr. Abdelrahman Fouda presentation and interview, TCOP, April 21, 2020
- Serve as a PLRP Poster Reviewer for the Virtual PLRP PY3 Research Poster Presentation, Taneja College of Pharmacy, Microsoft Team, April 20, 2020
- Invited Discussant and attendee for the McKnight Midyear Annual Meeting, Tampa International Marriott Hotel, Tampa FL, February 22, 2020

- Oral Presentation Judge, USF Research Day 2020, Marshall Center, Tampa FL, February 21, 2020
- Participant for the MMI Group/MMI Stations for Admission, CACL, Tampa FL, December and October 2019
- ABRCM Reviewer for Student Travel Award, ABRCMS (Annual Biomedical Research Conference for Minority Student) Judge, Anaheim California, September 5, 2019
- Invited Panelist and attendee for the “Intersectionality of Identities Panel” at The WELL, USF Health, USF Health Multicultural Week, Tampa, FL, February 12, 2020
- Participant and attendee at the DPS Faculty Candidate, Dr. Augustine Nkembo presentation and interview, TCOP, November 20, 2019
- Invited Speaker, Attendee, Discussant at the 35th Annual McKnight Fellow’s Meeting and 24th Annual Graduate School Conference, Tampa Airport Marriott Hotel, Tampa, FL October 12, 2019
- Attendee, Selected ABRCMS Judge Travel Awardee, 2018 ABRCM Conference, Indianapolis IA, November 14-18, 2018
- Invited Speaker at the College of Pharmacy Graduate Program Seminar, University of South Florida College of Pharmacy, Tampa FL, November 14, 2018
- Marching Faculty and attendee at the COP Class of 2018 USF Health Campus Graduation, USF Sun Dome, Tampa, FL, May 3, 2018.
- Attendee, Participant at the College of Pharmacy Preceptor Appreciation Event, University of South Florida Health Nursing Rotunda, Tampa, FL, May 24, 2018
- Attendee, Discussant, and speaker at the 2018 Mid-Year Research Writing Conference, FEF McKnight Doctoral Fellowship Program, Marriott Hotel at International Airport, Tampa, FL, February 23-24, 2018
- Attendee and COP representative of the 38th Annual TOBA Tampa Organizational of Black Affairs Leadership Breakfast. Hilton Hotel Downtown Tampa, FL, January 15, 2018
- Participant of the Week of Welcome (WOW) USF Black Faculty and Staff Association (BFSA) for USF students. University of South Florida, Tampa Florida, August 21, 2017

- Invited speaker, attendee and College Representative of Faculty Counsel Vice President for the USF Health New Faculty Orientation Day, CAMLS University of South Florida, Tampa Florida, August 9, 2017
- Invited speaker and presenter of the NSF Workshop at the FEF Summer Writing Institute, University of South Florida, Tampa Florida, July 25, 2017
- Attendee and Panelist at the College of Pharmacy-Upward Bound Roundtable Discussion, College of Pharmacy, Tampa, Florida, July 20, 2017
- Attendee and participant at the Exam Soft Review sponsored by the Office of Academic Affairs, College of Pharmacy, Tampa, Florida, July 17, 2017
- Attendee and Hosting Lab for the College of Pharmacy-Upward Bound Lab Excursion, Children Shriner's Hospital, DAG's Lab, College of Pharmacy, Tampa, Florida, June 27, 2017.
- Attendee and Speaker at the College of Pharmacy-Upward Bound Partnership Forum, College of Pharmacy, Tampa, Florida, June 26, 2017.
- Attendee and participant at the Department of Pharmaceutical Sciences, End of the Year Faculty Meeting, College of Pharmacy, Tampa, Florida, June 3, 2017.
- Marching Faculty and attendee at the COP Class of 2017 USF Health Campus Graduation, USF Sun Dome, Tampa, Florida, May 5, 2017.
- Faculty participant and attendee at the COP Gateway Graduation Celebration at the USF Oval Theatre at the Marshall Student Center, University of South Florida, Tampa, Florida, May 4, 2017.
- Participant and attendee at the COP Title IX training, USF Health, Tampa, Florida, April 26, 2017
- Participant and Reviewer for the American Heart Association Lung Biology Study Session, Teleconferenced at USF Health, April 25, 2017
- Participated and Proctored in PY2 EOY, CACLS, USF Health, April 14, 2017
- Participant of faculty team member for the COP ACPE Site visit, College of Pharmacy, April 6, 2017
- Organizer and host of the DAG Coachee Group Luncheon at the Tops of the Palms, Marshall Center, March 21, 2017

- Participated as MMI Interviewer for potentially incoming PY1 students on March 10, 2017
- Attendee and participant of the Faculty Training Connection with Student, College of Pharmacy, March 17, 2017
- Participant and member of the DPS Chair Search Committee, College of Pharmacy, USF Health, March 2, 2017-
- Attendee and Discussants at the McKnight Mid-year Meeting, Marriott Tampa Airport Hotel, Tampa International Airport, Tampa, Florida, February 24-25, 2017
- Appointed Experiential Co-Course Coordinator for Spring IPPE PY1, College of Pharmacy, January 13, 2017
- Attend the Black Faculty and Staff Association (BFSA) Mentoring Matching Ceremony, Patel Auditorium, USF, Tampa Florida, November 29, 2016
- Moderator at the African American Women in Pharmacy Conference, USF College of Pharmacy, Tampa, Florida, November 12, 2016
- Invited Speaker, Moderator at the 32nd Annual McKnight Fellows' Meeting & 20th Annual Graduate School Conference, Marriott Tampa Airport Hotel, Tampa International Airport, Tampa, Florida, November 11-13, 2016
- Attendee and participant in 2015 triennial AAALA Site Visit, USF Research Triangle, Tampa, Florida, November 10, 2016
- Attendee, participant, panelist and judge at the FAMU Pharmaceutical Sciences Graduate Program Alumni Reunion & Research Symposium, "Celebrating 40 years of the PhD Program", Tallahassee Florida, November 4-6, 2016
- Attendee and Alumna recognition at the Upward Bond 50th Anniversary Banquet, USF Marshal Center, Tampa Florida, October 1, 2016
- Faculty Attendee the COP White Ceremony for Class 2020, USF Marshall Center, Tampa, Florida, September 16, 2016
- Attendee at the COP Bull Pen Guest Speaker, Dr. Jeff Messer, LVHN Auditorium, Tampa, Florida, August 24, 2016
- Invited speaker and presenter of the NSF Workshop at the FEF Summer Writing Institute, University of South Florida, Tampa Florida, July 26, 2016

- Hosted laboratory excursion for the Upward Bound Program, Shriner's Hospital, Tampa, Florida July 12, 2016
- Attendee and participant at the American Heart Association Research Symposium, CAMLS Downtown, Tampa Florida, June 14, 2016
- Participant of COP Pharmacy Fellow Shadowing Experience, Shriner's Hospital, Jasmine Cutler, PharmD (COP Fellow), Tampa, Florida, May 18, 2016
- Attend the Academy for Teaching and Learning (ATLE) Summer Teaching Symposium, University of South Florida, May 11-12, 2016
- Participant of the EPEC DPS Shadow Day, Shriner's Hospital and mentee shadowing, Kristen Robinson, PharmD (COP Pharmacy Fellow), Tampa, Florida, May 11, 2016
- Marching Faculty and attendee at the COP Class of 2016 USF Health Campus Graduation, USF Sun Dome, Tampa Florida, May 6, 2016.
- Faculty participant and attendee at the COP Gateway Graduation Celebration at the Hilton Hotel, Tampa Florida, May 5, 2016.
- Participated and Proctored in PY2 EOY, CACLS, USF Health, April 26, 2016
- Met with guest speaker hosted by Dr. Vijaykumar Sutariya for the COP Guest Speaker Series, Dr. Elie Beit-Yannai, April 20, 2016
- Participant and IACUC member for the Semi-Annual Inspection for the Pritzker Marine Biology Research Center (PMBRC) and Heister Natural Science Building (HNS) at New College, Sarasota Florida, April 18, 2016
- Attend and participated in the TBCCN Partner Meeting, Florida Department of Health, Bureau of Laboratories, Tampa Florida, April 14, 2016
- Attend the COP Bull Pen, Guest Speaker from Bristol Myers, April 11, 2016
- Met with Pyong Woo Park, PhD, Associate Professor of Pediatrics, Children Hospital, Harvard Medical School, Division of Allergy and Immunology Research Conference Speaker, Tampa Florida, March 31, 2016
- Participated as MMI Interviewer for potentially incoming PY1 students on March 21 & 28, 2016
- Attendee and participant of the Celebration of Teaching Poster Presentation, USF Marshal Center, Tampa Florida, March 8, 2016

- Participant and first Cohort for Beta Testing COP Mapping Alignment, March 1, 2016
18, 2016
- Discussant at the 2015 McKnight Doctoral Mid-year Research & Writing Conference.
Safety Harbor Resort and Spa, Clearwater Florida. February 27-28, 2016
- Attendee and participant member of the Rx Steering Committee meeting, Marshal
Student Center, MSC 3700, Tampa, Florida, February 16, 2016
- Guest Speaker and participant at the 4th Annual USF Health Faculty Career Days at
Ferrell Middle Magnet Girl Preparatory Academy. 4302 N. 24th Street, Tampa FL.
February 10, 2016
- Attendee and Participant At the Women Collaborative Series “ P & T CV Speed Dating
Session, USF Health CAMLS, Tampa, Florida, December 9, 2015
- Attendee and participant at the COP Office of Research and Business Lunch and
Learning Series on “ Funding Sources-Can I buy this”, COP CLC 2216, USF Health,
Tampa, Florida, December 4, 2015
- Invited speaker, panelist and Chair for Special Topic Panel and
Pharmacy/Biochemistry/Chemistry Panel at the 31st Annual McKnight Fellows’
Meeting & 19th Annual Graduate School Conference, Marriott Tampa Airport Hotel,
Tampa International Airport, Tampa, Florida, November 13-15, 2015
- Attend the Florida Inventors Hall of Fame 2nd Annual Induction Ceremony & Gala,
Intercontinental Hotel, Tampa Florida, October 2, 2015
- Faculty Participant/Sponsor/Attendee for College of Pharmacy White Coat Ceremony
for Class of 2019, USF Marshall Student Center Ballroom, Tampa FL, September
11,2015
- Attend and presented “Smoking and it Health Effects on the Lung”, at the Elm SDA
Church “2Back School Health Fair”, St. Petersburg Florida, August 9, 2015
- Invited speaker and presenter of the NSF Workshop at the FEF Summer Writing
Institute, University of South Florida, Tampa Florida, July 28, 2015
- Presenter and participant of the College of Pharmacy Class of 2019 Orientation,
University of South Florida, Tampa Florida, July 27-29, 2015
- Attend and participated at the College of Pharmacy Faculty Annual Retreat, University
of South Florida St. Petersburg Florida, July 17, 2015

- Faculty Participant/ Hostess in the Upward Bound Pharmacy Program Lab Encounter, COPH Lab 2221, Tampa Florida, July 14, 2015
- TBCCN Travel Award Recipient, to attend the 13th Annual Summer Workshop/Course entitled Disparities in Health in America in Houston, Texas, June 22-17, 2015.
- Attendee, participant and invited author to write a report for the conference at the Smoking Science Summit in London, United Kingdom, May 19-21, 2015.
- Attend and presented at the Moffitt Cancer Center Symposium 2015, Stabile Research Building, Moffitt Cancer Center, May 7, 2015
- Smoking-Ban CBPR Study- Exhibitor, participant and attendee at the Sanderlin Family Center Fun Day, St. Petersburg, Florida, May 1, 2015.
- Marching Faculty and attendee at the COP Class of 2015 USF Health Campus Graduation, USF Sun Dome, Tampa Florida, May 1, 2015.
- Faculty participant and attendee at the COP Graduation Celebration at the Tampa Bay Convention Center, Tampa Florida, April 30, 2015.
- Attendee and participant at the Community Advocacy MATCHMAKING Luncheon Workshop, A 50 Hoops TM Medical Education Program, Tampa, Florida, April 24, 2015
- Host dinner for BioScience Seminar guest speaker, Dr. Lee, at Ulele, Tampa Florida, April 23, 2015
- Host dinner for Bio-Engineer guest speaker, Dr. Debra Auguste, at Don Jose Restaurant, Tampa, Florida, April 9, 2015
- Participant and IACUC member for the Semi-Annual Inspection for the Stabile Research Building Vivarium, Tampa, Florida, April 7, 2015
- Interview participant for Nursing Faculty Candidate, Charles Downs, PhD, College of Pharmacy, Tampa Florida, March 27, 2015
- Attendee, Participant and Selected-Faculty Interviewee for the College of Pharmacy Accreditation Council For Pharmacy Education (ACPE) On-Site Evaluation for Continuation of Status Visit, Tampa Florida, March 24-25 2015
- Invited Speaker at the “Ask the Scientist” TBCCN Outreach Program in Pasco County, Mount Pleasant Missionary Baptist Church, Trilby Florida, March 21, 2015

- Attendee and participant at the Senior Vice Present's Special Topics in Women's Health " On Leadership: Glass Ceiling or Sticky Floor, CAMLS, Tampa, Florida, March 10, 2015
- Attendee and participant at the NCURA Horizon 2020 Workshop European grant opportunity) at Walt Disney World Swan and Dolphin, Oceanic 3, Orlando Florida, March 4, 2015
- Invited Speaker and Discussant for the McKnight Mid-year Meeting, Tampa Airport Marriott, Tampa Florida, February 28, 2015
- Attend and participated in the Black History Festival for TBCCN pilot grant at 1794 22nd Street, St Petersburg, Florida, February 21, 2015
- Attend and presented at the USF Research Day 2015 Symposium, Marshal Center, USF Tampa Campus, February 20, 2015
- Organized and hosted visit of Dr. Ivar Giaever, Nobel Laureate in Physics (1973), talk on "ECIS technology and How Applied Biophysics Came into Existence" at the College of Pharmacy, USF Health, Tampa Florida, January 23, 2015
- Invited Speaker at the Global Phase I Clinical Studies and Pharmacy Practice Workshop, "Global Biotechnology and Drug Discovery Program, "Adenosine: Friend or Foe in Airway Wound Repair Associated with Chronic Lower Respiratory Diseases and Lung Cancer", College of Pharmacy, Department of Pharmaceutical Sciences, University of South Florida, Tampa, Florida, December 9, 2014
- Reviewer and attendee at the COP 3rd Seed Grant Study Session, November 26, 2014.
- Invited Speaker at the College of Engineer, Department of Bioengineer Seminar Series, University of South Florida, Tampa, Florida, November 14, 2014
- Invited Panelist for the 30th Annual McKnight Fellows and Graduate School Conference, Tampa Airport Marriott Hotel, Tampa, Florida, November 8, 2014
- American Heart Association Peer Reviewer for the Lung Biological Science Study Session, Teleconference meeting, Tampa, FL, October 23,2014
- Faculty participant in the College of Pharmacy Orientation, USF Health, Tampa, Florida, Class of 2018, August 12-14, 2014
- Invited Speaker at the McKnight Summer Writing Institute, University of South Florida, Tampa Florida, July 29, 2014

- Faculty Participant/ Hostess in the Upward Bound Pharmacy Program Lab Encounter Shriner 's Lab 111 July 17, 2014
- Member of the “Rx for Research Initiative” Steering Committee for BRAD Grant (PIs. Kymia Love Jackson and Y Pathak), June 2014
- Invited Speaker at the Division of Pulmonary, Critical Care, Sleep and Allergy Medicine, University of Nebraska Medical Center, Omaha Nebraska, May21-22, 2014
- Invited Guest to the Global Corporation Award at Tampa Bay City Center, Tampa Florida, April 26, 2014
- Attendee, Participant and Selected-Faculty Interviewee for the College of Pharmacy Accreditation Council For Pharmacy Education (ACPE) On-Site Evaluation for Continuation of Status Visit, Tampa Florida, April 16-17, 2014
- Invited Speaker and Health Sciences Discussant at the 2014 McKnight Midyear Meeting, Tampa, Florida, February 28- March 1, 2014
- Organizer and Chair of the COP 2nd Seed Grant Study Session, February 18, 2014
- Invited Speaker at the 2013 Annual McKnight Fellows Meeting and Graduate School Conference, Tampa Florida, October 25-27, 2013
- Attendee and participant at the TBCCN Partner’s Retreat, Moffitt Cancer Center, Tampa, Florida, September 21, 2013
- Faculty Participant/Sponsor/Attendee for College of Pharmacy White Coat Ceremony for Class of 2017, USF Marshall Center Ballroom Tampa FL, September 20, 2013
- Attendee and participant at the COP Leadership Academy Presentation and Graduation Ceremony, University of South Florida Connect Building, Tampa, Florida, August 16, 2013
- Attendee and participant at the USF Summer Workshop Series, “Crafting NIH R01”, University of South Florida, Tampa, FL, August 12th and August 14th of 2013
- Faculty participant in the College of Pharmacy Orientation, USF Health, Tampa, Florida, Class of 2017, August 13-15, 2013
- Invited Speaker at the McKnight Summer Writing Institute, University of South Florida, Tampa, FL, July 31, 2013
- Faculty Participant/ Hostess in the Upward Bound Pharmacy Program Lab Encounter, Shriner 's Lab 111 July 18, 2013

- American Heart Association Peer Reviewer for the Lung Biological Science Study Session, Teleconference meeting, Tampa, FL, April 15, 2013
- Invited Speaker at the National Organization for the Professional Advancement of Black Chemists & Chemical Engineers (NOBCCh), “ Career Opportunities in Pharmaceutical Sciences”, and Center for Urban and Transportation Research, USF Tampa FL, April 10, 2013.
- Co-organizer and attendee for the College of Pharmacy 1st Education and Research Forum, USF Health Marshal Center, Tampa, FL, March 27, 2013
- Oral Judge and attendee at the USF Health Research Day, USF Health Marshall Center, Tampa, FL, February 22, 2013
- 2013 McKnight Doctoral Mid-Year Research & Writing Conference, “NSF Doctoral Dissertation Improvement Grant Writing”, Marriott Tampa Airport Hotel, Tampa, FL, February 15, 2013
- Attendee and participant at the James B. Sanderlin Neighborhood Family Center, St. Petersburg, FL, February 11, 2013 and March 18, 2013
- Member, invited speaker and participant in USF Health Culverhouse Airway Interest Group, Tampa Florida, Feb 8, 2013
- Attendee and participant at the TBCCN Community Partner’s December Meeting, December 14, 2012
- Attendee and volunteer at the FORCES (Facing our Risks of Cancer Empowered) 7th Annual Conference, Orlando Florida, October 18, 2012
- Hosted visit for Dr. Michael Blackburn, Invited Bioscience Speaker for USF Health Bioscience Seminar, Tampa FL, October 12, 2012
- Attendee and participant at the TBCCN Partner’s Retreat, Moffitt Cancer Center, Tampa, Florida, September 29, 2012
- Attendee and Cohort Participant for the Tampa Bay Community Cancer Network (TBCCN) Cohorts I & II Reception, 1005 N. Riverhills Drive, Tampa, FL, September 20, 2012
- Attendee for USF Black Faculty and Staff Annual Welcome Breakfast sponsored by BFSa, USF Marshall Center Ballroom, September 20, 2012

- Faculty Participant/Sponsor/Attendee for College of Pharmacy White Coat Ceremony for Class of 2016, USF Marshall Center Ballroom Tampa FL, September 14, 2012
- Invited Speaker for the Center for Equal Health Research-In-Progress Lecture Series, "The Role of Airway Injury and Repair Associated with Smoke-Related Chronic Inflammatory Lung Diseases and Lung Cancer and Its Link to Health Disparities, USF Health, Tampa FL, September 12, 2012
- Faculty participant in the College of Pharmacy Orientation, USF Health, Tampa, Florida, Class of 2016, August 14, 2012
- Participant/attendee of the Annual College of Pharmacy Faculty Retreat, and organizer of the Icebreaker session, USF CAMALS, Tampa Florida, August 13, 2012
- Attend USF Exam Soft Workshop, USF Health, Tampa, Florida, August 7, 2012
- Invited Speaker for the McKnight Summer Research and Writing Institute, "NSF Grant Writing Workshop" University of South Florida, Tampa, FL, July 31, 2012
- Faculty Participant/ Hostess in the Upward Bound Pharmacy Program Lab Encounter, COPH Lab 2221, Tampa Florida, July 23, 2012
- Attendee and participant in the CBPRT Jose Mission Field Excursion, Dover Florida, July 17, 2012
- Attendee and participant in the CBPRT Translational and Book club session, USF Health, Tampa, Florida, July 16, 2012
- Member, invited speaker and participant in USF Health Culverhouse Airway Interest Group, Tampa Florida, July 13, 2012
- Attend USF Moodle Workshop, USF Health, Tampa, Florida, June 18, 2012
- Organizer and participant of COP Research Committee Sponsored COS/PIVOT and TRAIN Workshop, College of Pharmacy, Tampa, FL, June 10, 2012
- Department of Molecular Medicine Work-In-Progress Summer Series, "Making Sense of Adenosine in the Airway", USF Health, Tampa, Florida, June 6, 2012
- Organizer and Chair of the COP 1st Seed Grant Study Session sponsored by the COP Research Committee, College of Pharmacy, Tampa FL, May 10, 2012
- Participant and attendee at the COP Department of Pharmacotherapeutics and Clinical Research and Nigerian Pharmacist Association Continuing Education Series "

Surviving the Boom” An update in geriatric pharmacotherapy, Renaissance Hotel, Tampa FL May 5-6, 2012

- Attendee and participant at USF Bioinformatics Mini-symposium, USF Marshall Center, Tampa FL, March 14, 2012
- 2012 McKnight Doctoral Mid-Year Research & Writing Conference, “NSF Doctoral Dissertation Improvement Grant Writing”, Hilton Tampa Airport Hotel, Tampa, FL, February 24, 2012
- USF Health Research Day 2012 participant and presenter, “CS-oxidant Signaling and Adenosine A_{2B} Receptor Activation Alters Adenosine A_{2A}-mediated Airway Wound Repair”, Marshall Student Center, Tampa FL, February 24, 2012
- Participant in the College of Pharmacy Leadership Academy sponsored by CTI, University of South Florida, College of Pharmacy, Tampa, FL, October 2011-August 2013
- McKnight Annual Meeting, “National Science Foundation Grant Writing Do’s and Don’ts” Tampa, FL, October 22, 2011
- FAMRI Peer Reviewer, “COPD, Asthma, and Emphysema Second Hand Tobacco Smoke Exposure”, Reston VA, Nov 13-15, 2011

University of Nebraska Medical Center, Omaha NE:

- Invited Speaker for the McKnight Summer Research and Writing Institute, “NSF Grant Writing Workshop” University of South Florida, Tampa, FL, July 26, 2011
- Visiting Scientist and Collaborator at the University of Texas MD Anderson Cancer Center, Houston Texas, June 7, 2011
- Invited Speaker at University of South Florida, College of Pharmacy and Pharmaceutical Sciences, “Adenosine: A promising Target in Airway Wound Repair” Tampa, Florida, June 3, 2011
- American Heart Association Peer Reviewer for the Lung Biological Science Study Session, Teleconference meeting, Omaha, NE, April 18, 2011
- Invited Speaker for the Veteran Administration Research Conference Series, “Cigarette Smoke- Induced Oxidation Alters Adenosine A_{2A}-mediated Wound Repair Involves Activation of Adenosine A_{2B} Receptor”, April 8, 2011

- Biochemistry II Study Section Peer Reviewer for the Assistantship/Fellowship Competition, University of Nebraska Medical Center, Office of Graduate Studies, March 18, 2011
- Appointed Representative of the College of Medicine (UNMC) for the Chancellor's Diversity Advisory Steering Committee, Omaha NE, January 28, 2011
- FAMRI Peer Reviewer, "COPD, Asthma, and Emphysema Second Hand Tobacco Smoke Exposure", Reston VA, Nov 3-5, 2010
- McKnight Annual Meeting, Public Health Roundtable Discussion: " Facts or Fiction: Careers in Academia or Industry "-Discussant Chair and speaker, Tampa, FL, October 23, 2010
- Invited Speaker for the McKnight Annual Meeting, Developing Relational and Grant Writing Skills: Tips on Preparing for a Successful NSF Grant Submission", Tampa FL, October 23, 2010
- Participant and interviewee for the Harvard Medical School and University of Nebraska Medical Center Study "Advancement of Women of Color in Academia Medicine, October 20, 2010
- Invited Guest and representative for the University of Nebraska Medical Center to the Eastern Nebraska Community Action Partnership, ENCAP's 45th year of Service Gala, Omaha NE, October 15, 2010
- Invited Speaker for the McKnight Summer Research and Writing Institute, " NSF Grant Writing Workshop" University of South Florida, Tampa, FL, July 27, 2010
- Co-Chair, panelist and participant at the Expanding your Horizons, Math and Science for Girls, Bellevue University, Bellevue, NE, April 30, 2010
- Invited Speaker for the Central Society for Clinical Research Meeting, " Adenosine Multi-dimensional Role in Airway Injury", Chicago, IL, April 23, 2010
- System Biology I Study Section Peer Reviewer for the Assistantship/Fellowship Competition, University of Nebraska Medical Center, Office of Graduate Studies, April 19, 2010
- American Heart Association Peer Reviewer for the Lung Biological Science Study Session, Teleconference meeting, Omaha, NE, April 15, 2010
- Invited Speaker for the Faculty Investigating Receptors and Signal Transduction Meeting, University of Nebraska Medical Center, Durham Research Center I,

“Adenosine Receptors and Their Role in Airway Injury and Wound Repair”, Omaha, NE, March 2, 2010

- Invited Speaker for the FEF 2010 Mid-Year Research & Writing Conference, “National Science Foundation Doctoral Dissertation Improvement Grant Writing Workshop” and Panel Discussant for sessions “Physical & Marine Science” and “Pharmaceutical Sciences”, Tampa FL, February 26, 2010
- Serve as AdHoc committee member for UNMC Internal Medicine Council meeting, Omaha, NE, February 23, 2010
- Exhibitor for University of Nebraska Medical Center at the McKnight Annual Meeting, Post-doc/Faculty Recruitment, Tampa FL, October 30, 2009
- McKnight Annual Meeting, “Linkages Between Healthcare, Research Academia and Practice”, Panel chair and speaker, Tampa, FL, October 30, 2009
- FAMRI Peer Reviewer, “Respiratory Effects of Second Hand Tobacco Smoke Exposure”, Reston VA, October 28-30, 2009
- Pulmonary Critical Care Sleep and Allergy Seminar Series, University of Nebraska Medical Center, Durham Research Center I, “Cigarette Smoke, Hydrogen Peroxide and NADPH Oxidase their Role in Adenosine-mediated Airway Wound Repair”, Omaha, NE, September 10, 2009.
- Invited Speaker for the Pathology and Microbiology Basic Science Seminar, University of Nebraska Medical Center, Michael Sorrell Center, “Cigarette Smoke, Hydrogen Peroxide and NADPH Oxidase their Role in Adenosine-mediated Airway Wound Repair”, Omaha, NE, September 9, 2009
- Serving as Graduate Student Committee Member for the Medical Sciences Interdepartmental Area Program, University of Nebraska Medical Center Division of Graduate Studies, Omaha, NE, August 2009-2013
- Member of UNMC Graduate Faculty, July 09-September 2011
- Invited Speaker for the American Chemistry Society Local Section Meeting, University of Nebraska Medical Center, Wittson Hall Auditorium, “The Multi-dimensional Role of Adenosine in the Airway”, Omaha, NE, June 17, 2009
- Participant and Mentor of the Federation of American Societies for Experimental Biology (FASEB), Summer Research Opportunity Program, University of Nebraska Medical Center, June 1, 2009

- Session Chair/Chairperson for Poster Discussion Section at the ATS International Conference Session A108- The Airway Epithelium: The Environment, Injury and Repair, American Thoracic Society, San Diego, CA, May 17, 2009
- Panelist and participant at the Expanding your Horizons, Math and Science for Girls, Bellevue University, Bellevue, NE, April 17, 2009
- Cell Biology I Study Section Peer Reviewer for the Assistantship/Fellowship Competition, University of Nebraska Medical Center, Office of Graduate Studies, March 30, 2009
- Visiting Scientist and invited speaker at the University of Texas-Houston Medical Center, Department of Biochemistry, “ Adenosine: Multi-dimensional Role in the Airway”, University of Texas-Houston Medical Center, Houston Texas, March 6, 2009
- Judge and participant at the Midwest Student Biomedical Research Forum, Omaha, NE, February 28, 2009
- Invited Speaker At the Biological Chemistry and Redox Biology Center Series Seminar, “ Cigarette Smoke Attenuates Adenosine-mediated Wound Closure: Role of Reactive Oxygen Species, University of Nebraska-Lincoln, Lincoln, NE, February 3, 2009
- Invited Speaker at the Metropolitan Community College Corporate Education and Training 2009 Nursing Lecture Series, “ Airway Injury and Wound Repair”, University of Nebraska Medical Center, Omaha, NE, January 15, 2009
- FAMRI Peer Reviewer, “Cardiovascular Disease and Emphysema Associated with Second Hand Smoke”, Chantilly VA, October 26-28, 2008
- Exhibitor for University of Nebraska Medical Center at the McKnight Annual Meeting, Post-doc/Faculty Recruitment, Tampa FL, October 24, 2008
- Invited speaker at the McKnight Annual Meeting, “My Journey: Mastering Your Ph.D., Panel speaker, Tampa, FL, October 24, 2008
- Participant in the Redox Physiology in Health and Disease- 2008 Mini-Symposium, University of Nebraska-Lincoln, Sheldon Museum of Art, October 3, 2008
- Participant in the UNMC College of Public Health-Center for Reducing Health Disparities Summer Youth Intern Program-Shadowing Program, University of Nebraska Medical Center, June 23 and 24, 2008

- ATS Facilitator for the Thematic Poster Session entitled “A66-Epithelial Cell Biology II” at the American Thoracic Society Meeting in Toronto, Canada, May 18, 2008
- Panelist and participant at the Expanding your Horizons, Math and Science for Girls, Bellevue University, Bellevue, NE, April 18, 2008
- Cell Biology II Study Section Peer Reviewer for the Assistantship/Fellowship Competition, University of Nebraska Medical Center, Office of Graduate Studies, April 1, 2008 and March 7-24, 2008
- Judge and participant at the Midwest Student Biomedical Research Forum, Omaha, NE, March 1, 2008
- Invited speaker for UNMC A Day At College Fontenelle Elementary Welcome -“Life as Researcher at a Medical Center”, February 26, 2008
- Exhibitor for University of Nebraska Medical Center at the McKnight Annual Meeting, Post-doc/Faculty Recruitment, Tampa FL, November 11, 2007
- Invited speaker and Panel Chair for the McKnight Annual Meeting, “Bridging the Gap Between Health Disparities and Research: Getting a Better Understanding”, Tampa, FL, November 10, 2007
- FAMRI Peer Reviewer, “Cardiovascular Disease and Emphysema Associated with Second Hand Smoke”, Chantilly VA, October 29-30, 2007
- Attendee and participant at the Tom Petty Lung Conference” Airway Wound Repair”, Aspen CO, June 5, 2007
- Panelist and participant at the Expanding your Horizons, Math and Science for Girls, Bellevue University, Bellevue, NE, April 27,2007
- Attendee and participant at the “Responsible Conduct in Research” Workshop, UNMC, April 18, 2007
- Invited speaker at the McKnight Doctoral Mid-Year Research and Writing Conference, Public Health-Panelist/Discussant, Tampa, FL, February 24, 2007
- Panelist and participant at the Expanding your Horizons, Math and Science for Girls, Bellevue University, Bellevue, NE, April 28, 2006
- Judge and participant at the Midwest Student Biomedical Research Forum Omaha, NE February 18, 2006

- Invited speaker and Panel Chair in Pharmaceutical/Biomedical Sciences: “Pharmaceutical Science-The Many Hats of a PhD” at the McKnight Annual Meeting, Tampa, FL, November 12, 2005
- Participant of the College of Medicine LCME site visit, University of Nebraska Medical Center, Omaha, NE, September 28, 2005
- Participant at The Asthma Screening Health Fair, University of Nebraska Medical Center-Hope Center for Kids, Omaha, NE September 13, 2005
- Attendee and participant at The Essential Guide for New Faculty Success, University of Nebraska Medical Center-Westside Community Conference Center, Omaha, NE, August 25-26, 2005
- Co-chair, attendee and participant at the EB2005-Minisymposium “Mechanisms of Lung Inflammation and Disease”, Experimental Biology 2005, San Diego, CA., April 2-5, 2005
- Judge and participant at the Midwest Student Biomedical Research Forum, Omaha, NE February 19, 2005
- Attendee and participant at the American Thoracic Society Focus Group, Marriott Financial Center, Manhattan, NY, October 28, 2004
- Attendee and participant at the AAMC Minority Faculty Career Development Seminar, Georgetown University, Washington, D.C., September 11-13, 2004
- Invited speaker, attendee and participant at the NIAAA-supported Alcohol Research Center Collaborative Symposium, Emory Conference Center, Emory University, Atlanta, GA, September 9-10, 2004
- Panelist and participant at the Expanding your Horizons, Math and Science for Girls, Bellevue University, Bellevue, NE, April 23, 2004
- Judge and participant at the Midwest Student Biomedical Research Forum, Omaha, NE February 21, 2004
- Judge and participant for the King Science Center Science Fair at the King Science/Tech Magnet Middle School, Omaha NE, January 29, 2004
- Co-Facilitator of Problem-Based Learning Review Session- for 2nd yr. Medical Students at University of Nebraska Medical Center, October 2003

- Invited speaker and Panel Chair for Pharmaceutical/Biomedical Sciences: “Multi-Dynamic Science Careers” at the McKnight Annual Meeting, Panel Chair and speaker, Tampa, FL, October 11, 2003
- Panelist and participant at the Expanding your Horizons, Math and Science for Girls, Bellevue University, Bellevue, NE, May 7 2003
- Participant and attendee at the UNMC-sponsored Healthy Men Health Fair and Sporting Event, Omaha, NE, April 26, 2003
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- Judge and participant at the Midwest Student Biomedical Research Forum, Omaha, NE February 22, 2003
- Co-chair of the Juvenile Diabetes Research Foundation (JDRF) Procurement Committee, 2003
- Chair of the Arthritis Foundation- Advocacy Subcommittee, Omaha NE, 2003
- Member, of the Quality of Life Committee in the Arthritis Foundation, Omaha NE, 2003
- Reviewer, for the Field-testing of Criterion Reference Tests, Omaha Public Schools, Omaha, NE February 11, 2003
- Judge and participant for the King Science Center Science Fair at the King Science/Tec Magnet Middle School, Omaha NE, January 30, 2003
- Participant and attendee at the UNMC-sponsored Healthy Men Health Fair and Sporting Event, Omaha, NE, April 12, 2002
- Participant and attendee at the UNMC-sponsored Healthy Men Health Fair and Sporting Event, Omaha, NE, March 16, 2001

COMMUNITY SERVICE:

Tampa FL

- Supporter for Equality Florida (Feb 2017-present)
- Served as a Juror and the Foreperson for County Court Jury duty (April 4-5, 2016)
- James B. Sanderlin Neighborhood Family Center, St. Petersburg FL- Community Based Partner/volunteer (September 2012-8/31/2015)

Omaha NE

- Urban League Young Professional-member/volunteer (Jan 2002-Jan 2005)
- Black Family Health and Wellness Association-volunteer (Jan 2001- September 2011)
- Omaha Public School Nia-Guardian Mentoring Program-mentor/volunteer (Jan 2001-August 2011)
- Arthritis Foundation-Nebraska Chapter-member/volunteer (Jan 2001- Jan 2009)
- Juvenile Diabetic Research Foundation-Nebraska Chapter-member/volunteer (Feb 2001-Feb 2009)
- Center for Holistic Development-volunteer (Jan 2001-Jan 2003)