Curriculum Vitae

Gloria Salazar

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General Information

University address: Nutrition, Food and Exercise Sciences
College of Human Sciences
Sandels Building 0408
Florida State University
Tallahassee, Florida 32306-1493

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Professional Preparation

2000	Ph.D, Catholic University of Chile. Major: Cell and Molecular Biology.
1993	Master's Degree, Catholic University of Chile. Major: Biochemistry.
1990	Bachelor's Degree, Catholic University of Chile. Major: Biochemistry.

Nondegree Education and Training

2002–2007	Postdoctoral Fellow Cell Biology Department Emory University School of Medicine. Advisor: Victor Faundez MD, PhD.

Professional Experience

2013–present	Assistant Professor, Nutrition, Food and Exercise Sciences, Florida State University.
2008–2013	Assistant Professor, Division of Cardiology, Emory University School of Medicine.
2007–2008	Instructor, Cell Biology Department, Emory University.

Honors, Awards, and Prizes

Volunteer Recognizion Award, American Heart Association (2016).
Outstanding Scientific Citation Early Career Research Award nominee, Emory University (2012).
Travel Award, International Society for Zinc Biology, Melbourne, Australia (2012).
Travel Award, 13th International Meeting on Trace Elements in Man and Animals (TEMA 13), Chile (2007).
Minorities Affair Committee (MAC) travel award, American Society for Cell Biology (2003).
Best PhD Degree Thesis Award, Cellular Foundation of Chile (2001).
Honor University President Award, Catholic University of Chile (1998).
Best Master Degree Thesis Award, Cellular Foundation of Chile (1993).

Fellowship(s)

PhD Fellowship. Conicyt Santiago, Chile (1994–2000).

Current Membership in Professional Organizations

American Heart Association
American Society for Nutrition
International Society for Zinc Biology

Teaching

Courses Taught

Cell and Molecular Biology (PET6931)
Intermediary Metabolism II (HUN3226)
Honors Thesis (HUN4913)
Advanced Topics (PET6931)
Food and Nutrition Seminar (HUN6930)
Seminar in Food and Nutrition Sciences (FOS6930)
Seminar in Movement Sciences (PET6930)
Grant Writing (HUN5938)
Nutrigenomics & Epigenetics (HUN5938)
Molecular Nutrition (HUN5938)
Nutrigenomics (HUN5906)
Embryology Tissues and Cell Module (ETC) Laboratory (ETC)
Lecture in Signaling Networks in Cells

New Course Development

Cell and Molecular Biology (2016)
Nutrigenomics and Epigenetics (2015)

Doctoral Committee Chair

Zhao, Y., graduate. (2018). *Contribution of Zinc Transporters to autophagy and Vascular Senescence*.
Huang, J., graduate. (2018). *The Novel Role of p62 in the Regulation of Nox4, ROS Levels, Senescence and Atherosclerosis*.
Mostofinejad, Z., doctoral student.

Doctoral Committee Member

Jaime, S. J., graduate. (2017).
Cullen, A. E., doctoral student.
Goldsmith, J. A., doctoral student.
Koh, Y., doctoral student.
Lee, K., doctoral student.
Rossetti, M. L., doctoral student.

Master's Committee Chair

Hochstetler, W., graduate. (2017).
Fleet, A. E., student.

Master's Committee Member

Hector, J. L., graduate. (2017).
Kleinbauer, A. N., student.
Parikh, K. R., student.

Bachelor's Committee Chair

Morgan, H., graduate. (2015). *Role of Conus Officinalis in Preventing Senescence of Vascular Smooth Muscle Cells*.
Serino, A., student. *Novel role of blackberries in vascular senescence and atherosclerosis in ApoE knockout mice*.

Supervision of Student Research Not Related to Thesis or Dissertation

Diaz-Gomez, C. (Jan 2016–May 2017).

Feresin, R. (Aug 2014–Jun 2015).

Zhao, Y. (Jan–Jun 2014).

[#] Forouzandeh, F. (2012–13).

Cardiology Fellow, Emory University.

[#] Craige, B. (2005–09).

BCBD program, Emory University.

[#] Styers, M. (2002–05).

BCBD program, Emory University.

[#] Rodriguez, S. (2002–04).

University of Puerto Rico. PROMISE Program, Emory University.

[#] Rubinson, A. (2002–04).

Emory University.

Invited Lecture

Salazar, G. (2016). *Regulation of Nox1 Function by Zinc. HUN6930, Food and Nutrition Seminar*. Department of Nutrition, Food and Exercise Sciences, Florida State Univesrsity.

Salazar, G. (2014–2017). *Role of Aging in Cardiovascular Disease Progression. PET4076/5077 Physical Dimensions of Aging*. Department of Nutrition, Food and Exercise Sciences, Florida State University.

Salazar, G. (2014–2018). *Testing Molecular Mechanisms of Disease Using in vivo and in vitro Model Systems. HUN5802 Research Design and Methodology*. Department of Nutrition, Food and Exercise Sciences, Florida State University.

Research and Original Creative Work

Program of Research and/or Focus of Original Creative Work

Dr. Salazar's research focuses on understanding the molecular mechanism that modulates aging of the vascular system and may accelerate cardiovascular diseases, including atherosclerosis.

Publications

Invited Journal Articles

Salazar, G. (2018). NADPH Oxidases and Mitochondria in Vascular Senescence. *Int J Mol Sci, 19(5)*, E1327. doi:10.3390/ijms19051327

This review summarizes recent findings supporting a role of the NADPH oxidases Nox1 and Nox4, and mitochondria in oxidative stress and vascular aging and their contribution to cardiovascular disease with emphasis in atherosclerosis. I am the corresponding author.

Refereed Journal Articles

Salazar, G., Huang, J., Zhao, Y., Hilenski, L., Patrushev, N., & Forouzandeh, F. (submitted). p62/SQSTM1 and PGC-1alpha at the Interface of Autophagy and Vascular Senescence. *Autophagy*. Manuscript submitted for publication, 12 pages.

This paper reports the novel role of PGC-1alpha and the autophagy adaptor p62 in reducing vascular aging. Jingwen Huang and Yitong Zhao are two former PhD students of my lab. Lula Hilenski and Nikolai Patrushev are at Emory University. Dr. Forouzandeh is at Case Western Reserve University School of Medicine, Cleveland, Ohio.

Feresin, R., Johnson, S., Pourafshar, S., Campbell, J., Jaime, S., Navaei, N., Elam, M., Akhavan, N., Alvarez-Alvarado, S., Tenenbaum, G., Brummel-Smith, K., Salazar, G., Figueroa, A., & Arjmandi, B. (2017). Effects of Daily Consumption of Freeze-Dried Strawberries for Eight Weeks on Blood Pressure and Arterial Stiffness in Pre- and Stage 1-Hypertensive Postmenopausal Women: a Randomized, Double-Blind, Placebo-Controlled Trial. *Food Funct, 8(11)*, 4139-4149. doi:10.1039/c7fo01183k.

This paper investigates the effect of supplementation with 25 and 50 g of freeze-dried strawberry powder in blood pressure and arterial stiffness in hypertensive postmenopausal women. I am co-author and Dr. Arjmandi is the corresponding author. The first author is a former graduate student in Dr. Arjmandi's lab and a former postdoc of my lab. She is currently an Assistant Professor in the Lewis College of Nursing and Health Professions at Georgia State UniversityThe rest of the authors are former and current PhD students, and faculty members of our department.

Feresin, R., Pourafshar, S., Huang, J., Zhao, Y., Arjmandi, B., & Salazar, G. (2017). Extraction and Purification of Polyphenols from Freeze-Dried Berry Powder for the Treatment of Vascular Smooth Muscle Cells In Vitro. *J Vis Exp, 125*, e55605. doi:10.3791/55605

This video method article describes a step-by-step protocol of the isolation and purification of berry

polyphenols and their use in cells in culture. I am the corresponding author and Dr. Arjmandi is a faculty member in our department. Dr. Feresin is a former postdoc of my lab and is currently an Assistant Professor in the Lewis College of Nursing and Health Professions at Georgia State University. The rest of the authors are former PhD students in our department.

Salazar, G., Feresin, R., Huang, J., & Griendling, K. (2017). Zinc Regulates Nox1 Expression Through a NF-κB and Mitochondrial ROS Dependent Mechanism to Induce Senescence of Vascular Smooth Muscle Cells. *Free Radic Biol Med, 108,* 225-235. doi:10.1016/j.freeradbiomed.2017.03.032

This paper reports the novel role of zinc in increasing the expression of the NADPH oxidases Nox1, which induces oxidative stress and cellular senescence in vascular cells. I am the corresponding author, Dr. Griendling is a Professor at Emory University, Dr. Feresin is a former postdoc of my lab and is currently an Assistant Professor in the Lewis College of Nursing and Health Professions at Georgia State University. Dr. Huang is a former PhD student of my lab.

Feresin, R., Huang, J., Klarich, D., Zhao, Y., Pourafshar, S., Arjmandi, B., & Salazar, G. (2016). Blackberry, raspberry and black raspberry polyphenol extracts attenuate angiotensin II-induced senescence in vascular smooth muscle cells. *Food Funct, 7(10),* 4175-4187. doi:10.1039/c6fo00743k

This paper reports the effect of polyphenols isolated from berries in reducing oxidative stress and cellular senescence in vascular cells and the molecular mechanism involved. I am the corresponding author, Dr. Arjmandi is a faculty member in our department and the first author is a former postdoc of my lab and is currently an Assistant Professor in the Lewis College of Nursing and Health Professions at Georgia State University. The rest of the authors are former PhD students in our department.

Khamoui, A., Park, B., Kim, D., Yeh, M., Oh, S., Elam, M., Jo, E., Arjmandi, B., Salazar, G., Grant, S., Contreras, R., Lee, W., & Kim, J. (2016). Aerobic and Resistant Training Dependent Skeletal Muscle Plasticity in the Colon-26 Murine Model of Cancer Cachexia. *Metabolism, 65 (5),* 685-698. doi:10.1016/j.metabol.2016.01.014

This paper examines the protective role of aerobic and resistance exercise in tumor development in a mouse model of cancer cachexia. I am a co-author, Dr. Kim, JS is the corresponding author, the first author is a former PhD student in Dr. Kim'lab and a current Assistant Professor at Florida Athetic University. The rest of the authors are graduate students, post-doctoral fellows, visiting scholar, and faculty colleagues in our department, the FSU department of Psychology, and the FSU department of Chemical Engineering. The authors are currently track faculty members at Florida Athletic University, University of Tennessee, California State Polytechnic University, New Mexico State University, Ewha Womans University (Seoul, Korea), and FSU.

Zhao, Y., Feresin, R., Falcon-Perez, J., & Salazar, G. (2016). Differential Targeting of SLC30A10/ZnT10 Heterodimers to Endolysosomal Compartments Modulates EGF-Induced MEK/ERK1/2 Activity. *Traffic, 17 (3),* 267-288. doi:10.1111/tra.12371

This paper examines the subcellular distribution, heterodimerization and function in cell signaling of various zinc transporters with an emphasis in the zinc transporter ZnT10. I am the corresponding author. Dr. Falcon-Perez is a Professor in the Center for Cooperative Research in Bioscience at CIC bioGUNE, Bilbao, Spain. Yitong Zhao is a former PhD student of my lab and Dr. Feresin is a former postdoc of my lab and is currently an Assistant Professor in the Lewis College of Nursing and Health Professions at Georgia State University.

Salazar, G. (2015). Intracellular Zinc: A mediator of Vascular Aging and Disease? Editorial. *Atherosclerosis: Open Access, 1(1),* 1000e103.

This editorial explores the possible contribution of altered intracellular zinc distribution in vascular aging. I am the corresponding author.

Forouzandeh, F., Salazar, G., Patrushev, N., Xiong, S., Hilenski, L., Fei, B., & Alexander, R. (2014). Metformin Beyond Diabetes: Pleiotropic Benefits of Metformin in Attenuation of Atherosclerosis. *J Am Heart Assoc, 3(6),* e001202. doi:doi: 10.1161/JAHA.114.001202.

This paper reports the protective effect of Metformin in reducing atherosclerosis in the ApoE knockout mice, an animal model of atherosclerosis. I am a co-author and Dr. Alexander, a professor at Emory University is the corresponding author. The rest of the authors are former postdocs and faculty members of the Department of Medicine at Emory University.

Zlatic, S., Grossniklaus, E., Ryder, P., Salazar, G., Matteyses, A., Peden, A., & Faundez, V. (2013). Chemical-Genetic Disruption of Clathrin Function Spares Adaptor Complex 3-Dependent Endosome Vesicle Biogenesis. *Mol Biol Cell, 24(15),* 2378-2388. doi:10.1091/mbc.E12-12-0860

Xiong, S., Salazar, G., Patrushev, N., Ma, M., Forouzandeh, F., Hilenski, L., & Alexander, R. (2013). Peroxisome Proliferator-Activated Receptor γ Coactivator-1α Is a Central Negative Regulator of Vascular Senescence. *Arterioscler Thromb Vasc Biol, 33(5),* 988-999. doi:10.1161/ATVBAHA.112.301019

Patrushev, N., Siedel-Rogol, B., & Salazar, G. (2012). Angiotensin II Requires Zinc and Downregulation of the Zinc Transporters ZnT3 and ZnT10 to Induce Senescence of Vascular Smooth Muscle Cells. *Plos One, 7(3),* e33211. doi:10.1371/journal.pone.0033211

Xiong, S., Salazar, G., Patrushev, N., & Alexander, R. W. (2011). FoxO1 Mediates an Auto-Feedback Loop Regulating SIRT1 Expression. *J Biol Chem, 286(7),* 5289-5299. doi:10.1074/jbc.M110.163667

Nazarewicz, R., Salazar, G., Patrushev, N., San Martin, A., Hilenski, L., Xiong, S., & Alexander, R. (2011). Early Endosomal Antigen 1 (EEA1) is an Obligate Scaffold for Angiotensin II-Induced, PKC-α-Dependent Akt Activation in Endosomes. *J Biol Chem, 286(4),* 2886-2895. doi:10.1074/jbc.M110.141499

Zlatic, S. A., Ryder, P. V., Salazar, G., & Faundez, V. (2010). Isolation of Labile Multi-Protein Complexes by in vivo Controlled Cellular Cross-Linking and Immuno-Magnetic Affinity Chromatography. *J Vis Exp, 37,* e1855. doi:10.3791/1855

[#] Cartier, E., Parra, L., Baust, T., Quiroz, M., Salazar, G., Faundez, V., Egana, L., & Torres, G. (2010). A biochemical and Functional Protein Complex Involving Dopamine Synthesis and Transport into Synaptic Vesicles. *J Biol Chem, 285(3)*, 1957-1966. doi:10.1074/jbc.M109.054510

[#] Xiong, S., Salazar, G., San Martin, A., Ahmad, M., Patrushev, N., Hilenski, L., Nazarewicz, R., Ma, M., Ushio-Fukai, M., & Alexander, R. (2010). PGC-1α Ser570 Phosphorylation and GCN5-Mediated Acetylation by Angiotensin II Drive Catalase Downregulation and Vascular Hypertrophy. *J Biol Chem, 285(4)*, 2474-2487. doi:10.1074/jbc.M109.065235

[#] Salazar, G., Falcon-Perez, J., Harrison, R., & Faundez, V. (2009). SLC30A3 (ZnT3) Oligomerization by Dityrosine Bonds Regulates its Subcellular Localization and Metal Transport Capacity. *PloS One, 4(6)*, e5896. doi:10.1371/journal.pone.0005896

[#] Newell-Litwa, K., Salazar, G., Smith, Y., & Faundez, V. (2009). Roles of BLOC-1 and AP-3 Complexes in Cargo Sorting to Synaptic Vesicles. *Mol Biol Cell, 20(5)*, 1441-1453. doi:10.1091/mbc.E08-05-0456

[#] Zhu, G., Salazar, G., Zlatic, S. A., Fiza, B., Doucette, M. M., Heilman, C. J., Levey, A. I., Faundez, V., & L'hernault, S. (2009). SPE-39 Family Proteins Interact with the HOPS Complex and Function in Lysosomal Delivery. *Mol Biol Cell, 20(4)*, 1223-1240. doi:10.1091/mbc.E08-07-0728

[#] Salazar, G., Zlatic, S., Craige, B., Peden, A. A., Pohl, J., & Faundez, V. (2009). Hermansky-pudlak syndrome protein complexes associate with phosphatidylinositol-4-kinase type II alpha in neuronal and non-neuronal cells. *J Biol Chem, 284*, 1790-1802. doi:10.1074/jbc.M805991200

[#] Craige, B., Salazar, G., & Faundez, V. (2008). Phosphatidylinositol-4-Kinase Type II Alpha Contains an AP-3 Sorting Motif and a Kinase Domain that are both Required for Endosome Traffic. *Mol Biol Cell, 19(4)*, 1415-1426. doi:10.1091/mbc.E07-12-1239

[#] Berger, A. C., Salazar, G., Styers, M. L., Newell-Litwa, K. A., Maue, R. A., Corbett, A. H., & Faundez, V. (2007). The Subcellular Localization of the Niemann-Pick Type C Proteins Depends on the Adaptor Complex AP-3. *J Cell Sci, 120(Pt 20)*, 3640-3652. doi:10.1242/jcs.03487

[#] Salazar, G., Craige, B., Styers, M., Newell-Litwa, K., Doucette, M., Wainer, B., Falcon-Perez, J., Dell'Angelica, E., Peden, A., Werner, E., & Faundez, V. (2006). BLOC-1 Complex Deficiency Alters the Targeting of Adaptor Protein Complex-3 Cargoes. *Mol Cell Biol, 17(9)*, 4014-4026. doi:10.1091/mbc.E06-02-0103

[#] Procaccio, V., Salazar, G., Ono, S., Styers, M., Gearing, M., Davila, A., Jimenez, R., Juncos, J., Gutekunst, C., Meroni, G., Fontanella, B., Sontag, E., Sontag, J., Faundez, V., & Wainer, B. (2006). A Mutation of Beta-Actin that Alters Depolymerization Dynamics

is Associated with Autosomal Dominant Developmental Malformations, Deafness, and Dystonia. *Am J Hum Genet, 78(6)*, 947-960. doi:10.1086/504271

[#] Love, R., Salazar, G., & Faundez, V. (2005). Neuronal Zinc Stores are Modulated by Non-Steroidal Anti-Inflammatory Drugs: an Optical Analysis in Cultured Hippocampal Neurons. *Brain Res, 1061(1)*, 1-12. doi:10.1016/j.brainres.2005.08.018

[#] Salazar, G., Craige, B., Wainer, B. H., Guo, J., De Camilli, P., & Faundez, V. (2005). Phosphatidylinositol-4-kinase Type II Alpha is a Component of Adaptor Protein-3-Derived Vesicles. *Mol Biol Cell, 16(8)*, 3692-3704. doi:10.1091/mbc.E05-01-0020

[#] Salazar, G., Craige, B., Love, R., Kalman, D., & Faundez, V. (2005). Vglut1 and ZnT3 Co-Targeting Mechanisms Regulate Vesicular Zinc Stores in PC12 Cells. *J Cell Sci, 118(Pt 9)*, 1911-1921. doi:10.1242/jcs.02319

[#] Styers, M., Salazar, G., Love, R., Peden, A., Kowalczyk, A., & Faundez, V. (2004). The Endo-Lysosomal Sorting Machinery Interacts with the Intermediate Filament Cytoskeleton. *Mol Biol Cell, 15(12)*, 5369-5382. doi:10.1091/mbc.E04-03-0272

[#] Salazar, G., Love, R., Styers, M., Werner, E., Peden, A., Rodriguez, S., Gearing, M., Wainer, B., & Faundez, V. (2004). AP-3-Dependent Mechanisms Control the Targeting of a Chloride Channel (ClC-3) in Neuronal and Non-Neuronal Cells. *J Biol Chem, 279(24)*, 25430-25439. doi:10.1074/jbc.M402331200

[#] Salazar, G., Love, R., Werner, E., Doucette, M., Cheng, S., Levey, A., & Faundez, V. (2004). The Zinc Transporter ZnT3 Interacts with AP-3 and it is Preferentially Targeted to a Distinct Synaptic Vesicle Subpopulation. *Mol Biol Cell, 15(2)*, 575-587. doi:10.1091/mbc.E03-06-0401

[#] Salazar, G., & Gonzalez, A. (2002). Novel Mechanism for Regulation of Epidermal Growth Factor Receptor Endocytosis Revealed by Protein Kinase A Inhibition. *Mol Biol Cell, 13(5)*, 1677-1693. doi:10.1091/mbc.01-08-0403

[#] Canessa, M., Salazar, G., Werner, E., Vallega, G., Gonzalez, A., & Canessa, M. (1994). Cell Growth and Na-K-Cl Cotransport Responses of Vascular Smooth Muscle Cells of Milan Rats. *Hypertension, 23(6 Pt 2)*, 1022-1026. doi:10.1161/01.HYP.23.6.1022

Nonrefereed Book Chapters

[#] Craige, B., Salazar, G., & Faundez, V. (2004). "Isolation of Synaptic Vesicles". In *Current Protocols in Cell Biology* (pp. Unit 3.12.1-3.12.17). Supplement 25.

Presentations

Invited Presentations at Conferences

For invited presentations at conferences, 100.0% were international in scope.

Salazar, G. (presented 2014, June). *Impact of Zinc Deficiency in oxidative Stress and Vascular Aging*. Presentation at 15th International Symposium on Trace Elements in Man and Animals (TEMA 15), TEMA, Orlando, Florida. (International)

[#] Salazar, G. (presented 2013, February). *"Zinc Status and Oxidative Stress Responses in Vascular Aging"*. Presentation at The Inorganic Face of Life: From Metalloproteins to Cells and Whole Organisms, 21st Annual Suddath Symposium 2013, Georgia Tech. (International)

[#] Salazar, G. (presented 2010, November). *"Role of Zinc Homeostasis in Cellular Senescence Mechanisms Induced by Angiotensin II"*. Presentation at 60th Fujihara Seminar Zinc Signal and Cellular Functions, The Fujihara Foundation of Science, Osaka, Japan. (International)

[#] Salazar, G., Craige, B., & Faundez, V. (presented 2007, October). *"Enzymatic regulation of the AP3 sorting machinery"*. Presentation at XXI Annual Meeting of the Chilean Society for Cell Biology, Chilean Society for Cell Biology. (International)

Refereed Presentations at Conferences

For refereed presentations at conferences, 78.9% were international, 10.5% were national, 2.6% were regional, 7.9% were local in scope.

Salazar, G., Zhao, Y., & Huang, J. (presented 2018, June). *Blackberry supplementation reduces vascular aging and atherosclerosis induced by high fat diet in ApoE-/- mice*. Presentation at Nutrition 2018, American Society for Nutrition, Boston MA. (International)

Koh, Y., Jung, Y., Lee, K., Salazar, G., & Hwang, H. (presented 2018, April). *Role of p62 on chronic oxidative stress-induced myocytes Ca handling*. Poster presentation at EB2018, Experimental Biology, San Diego, California. (International)

Huang, J., Zhao, Y., & Salazar, G. (presented 2017, February). *The Novel Role of p62 in Nox4 Expression and Vascular Senescence*. Presentation at Research and Creativity Day, College of Human Sciences, Florida State University, Tallahassee, FL. (Local)

Zhao, Y., Huang, J., & Salazar Aranda, G. (presented 2017, February). *Zinc Transporter 3 (ZnT3) and ZnT10 Stimulate Autophagy by Regulating p62 levels*. Poster presentation at Research and Creativity Day, College of Human Sciences, Florida State University, Tallahassee, FL. (Local)

Huang, J., Feresin, R., & Salazar, G. (presented 2017). *Zinc Up-regulates Nox1 Function by Increasing Mitochondrial ROS to Induce Senescence of Vascular Smooth Muscle Cells*. Poster presentation at EB2017, Experimental Biology. (International)

Salazar, G., Morgan, H., Feresin, R., & Klarich, D. (presented 2017). *Cornus officinalis Polyphenols Reduce Senescence of Vascular Cells by Modulating the Antioxidant Response*. Poster presentation at EB2017, Experimental Biology. (International)

Huang, J., Feresin, R. G., Zhao, Y., Poruafshar, S., Arjmandi, B. H., & Salazar, G. (presented 2016, April). *Blackberry polyphenols reduce Nox1 function to inhibit senescence in vascular smooth muscle cells*. Poster presentation at EB2016, Experimental Biology, San Diego, CA. (International)

ASN Emerging Leaders in Nutrition Science Poster Competition Finalist (Jingwen Huang).

Huang, J., Zhao, Y., Klarich, D., Pourafshar, S., Arjmandi, B., & Salazar, G. (presented 2016, April). *Berry Polyphenols Prevent Angiotensin II-Induced Senescence in in Vascular Smooth Muscle Cells*. Presentation at EB2016, Experimental Biology, San Diego, CA. (International)

Salazar, G., Huang, J., & Zhao, Y. (presented 2016, April). *PGC-1alpha, a Novel Regulator of Autophagy*. Poster presentation at EB2016, Experimental Biology, San Diego, CA. (International)

Zhao, Y., Feresin, R. G., Falcon-Perez, J. M., & Salazar, G. (presented 2016, April). *Heterodimerization of SLC30A10/ZnT10 and SLC30A3/ZnT3 Modulates ERK1/2 Activity*. Poster presentation at EB2016, Experimental Biology, San Diego, CA. (International)

Zhao, Y., & Salazar, G. (presented 2016, February). *The Overall Role of Zinc and Zinc Transporter 10 (ZnT10) in the Regulation of Autophagy*. Poster presentation at Research and Creativity Day, College of Human Sciences, Florida state University, Tallahassee, Fl. (Local)

Feresin, R., Zhao, Y., & Salazar, G. (presented 2015, September). *Black Raspberries prevent Angiotensin II-Induced Senescence in Vascular Smooth Muscle Cells*. Poster presentation at College of Health Professions Faculty Showcase, University of Arkansas for Medical Sciences, Little Rock, AR. (Regional)

Akhavan, N., Feresin, R. G., Johnson, S., Pourafshar, S., Elam, M., Hsieh, Y. H., Salazar, G., & Arjmandi, B. H. (presented 2015, March). *Cornus officinalis Modulates the Production of Pro- Inflammatory Molecules in Lipopolysaccharide-Activated*

RAW264.7 Macrophages. Presentation at EB2015, Experimental Biology, Boston, MA. (International)

Feresin, R. G., Zhao, Y., & Salazar, G. (presented 2015, March). *Black Raspberries Prevent Angiotensin II-Induced in Vascular Smooth Muscle Cells*. Presentation at EB2015, Experimental Biology, Boston, MA. (International)

Salazar, G., Zhao, Y., & Feresin, R. G. (presented 2015, March). *Increased Oxidative Stress and Vascular Aging by Zinc Deficiency in Mice*. Poster presentation at EB2015, Experimental Biology, Boston, MA. (International)

Zhao, Y., Feresin, R. G., & Salazar, G. (presented 2015, March). *Zinc Overload Increases ROS Production and Induces Senescence by a Nox1-Dependent Mechanism in Vascular Smooth Muscle Cells*. Poster presentation at EB2015, Experimental Biology, Boston, MA. (International)

Salazar Aranda, G., Falcon-Perez, J. M., & Zhao, Y. (presented 2014, September). *Targeting of the SLC30A/ZnT10 to endosomal and lysosomal compartments and its possible role in endosomal function*. Presentation at 4th International Society for Zinc Biology Meeting, International Society for Zinc Biology, Asilomar, California. (International)

Khamoui, A. V., Kim, D. H., Yeh, M. C., Park, B. S., Oh, S. L., Elam, M. L., Worst, P. R., Jo, E., Myers, C. M., Arjmandi, B., Salazar, G., McCarthy, D. O., & Kim, J. S. (presented 2014, April). *Aerobic and Resistance Training Effects on Skeletal Muscle Plasticity in Colon-26 Tumor-Bearing Mice*. Poster presentation at 23rd Annual Meeting of the American College of Sport Medicine, American College of Sport Medicine, New Orleans, LA. (National)

Forouzandeh, F., Patrushev, N., & Salazar, G. (presented 2013). *"Zinc Homeostasis Modulates Vascular Senescence and Atherosclerosis in ApoE KO mice"*. Poster presentation at 2013 AFAR Grantee Conference, American Federation for Aging Research, Santa Barbara, California. (International)

Forouzandeh, F., Salazar, G., Patrushev, N., Xiong, S., Hilenski, L., & Alexander, R. W. (presented 2013). *"Metformin Attenuates Atherosclerosis and Vascular Aging Beyond Glycemic Control" Selected for oral presentation*. Presentation at Scientific Sessions 2013, American Heart Association, Dallas, Texas. (International)

[#] Salazar, G. (presented 2012). *"Angiotensin II Requires Zinc and Downregulation of the Zinc Transporters ZnT3 and ZnT10 to downregulate catalase and Induce Senescence of Vascular Smooth Muscle Cells" Selected for oral presentation*. Presentation at International Society for Zinc Biology 2012 Conference, International Society for Zinc Biology, St Kilda Victoria, Australia. (International)

[#] Xiong, S., Salazar, G., Patrushev, N., Ma, M., Hilenski, L., & Alexander, R. W. (presented 2011). *"Inhibition of FoxO1-SIRT1 Signaling by Sustained Acetylation of PGC-1 Alpha*

Promotes Angiotensin II-Induced Vascular Senescence". Poster presentation at Scientific Sessions 2011, American Heart Association, Orlando, Florida. (National)

Xiong, S., Salazar, G., & Alexander, R. W. (presented 2010). *"FoxO1 Mediates an Auto-feedback Loop Regulation of Sirt1 Expression"*. Poster presentation at Scientific Session 2010, American Heart Association, Chicago, Illinois. (National)

Nazarewicz, R. R., Salazar, G., Patrushev, N., Hilenski, L., San Martin, A., Xiong, S., Ushio-Fukai, M., & Alexander, R. W. (presented 2009). *"Central role of Early Endosomal Antigen 1 (EEA1) in organization of Angiotensin II signaling leading to Akt activation in early endosome"*. Poster presentation at Scientific Sessions 2009, American Heart Association, Orlando, Florida. (National)

Salazar, G., & Faundez, V. (presented 2008). *"The zinc transporter 3 (ZnT3) sorting and transport activity are regulated by covalent ZnT3-oligomers" Selected for oral presentation*. Presentation at 13th International Symposium on Trace Elements in Man and Animals (TEMA 13), TEMA, Pucon, Chile. (International)

Salazar, G., Craige, B., & Faundez, V. (presented 2007). *"Enzymatic regulation of the AP-3 sorting machinery"*. Poster presentation at FASEB Summer Research Conferences and Jacques Monod Conferences "Arf Family GTPases", FASEB, Ciocco, Italy. (International)

Salazar, G., Peden, A. A., Pohl, J., & Faundez, V. (presented 2007). *"Proteomic Analysis of the Supramolecular Organization of the AP-3 Adaptor Pathway"*. Poster presentation at 47th American Society for Cell Biology Annual Meeting, American Society for Cell Biology, Washington, DC. (International)

Newell-Litwa, K., Salazar, G., Craige, B., Werner, E., & Faundez, V. (presented 2006). *"Zinc Transporter 3 (ZnT3) Neuronal Vesicle Possess Dual v-SNAREs and SNARE regulators: Implications for the Traffic of ZnT3"*. Poster presentation at Zinc Signals, International Society for Zinc Biology, Siena, Italy. (International)

Newell-Litwa, K., Chintala, S., Salazar, G., & Faundez, V. (presented 2006). *"Synaptic Vesicle Protein Targeting Regulation by the AP-3 and BLOC-1 Lysosomal Sorting Machinery"*. Poster presentation at 47th American Society for Cell Biology Annual Meeting, American Society for Cell Biology, Washington, DC. (International)

Salazar, G., Craige, B., Styers, M. L., Newell, K. A., Doucette, M. M., Wainer, B. H., Falcon-Perez, J. M., Dell'Angelica, E. C., Peden, A. A., Werner, E., & Faundez, V. (presented 2006). *"BLOC1 and AP-3-deficiencies Commonly Affect the Targeting of Endo-Lysosomal AP-3 Cargoes"*. Poster presentation at Gordon Research Conference on LYSOSOMES & ENDOCYTOSIS, Gordon Research Conference, Proctor Academy, Andover, NH. (International)

[#] Salazar, G., Craige, B., Wainer, B. H., Guo, J., de Camilli, P., & Faundez, V. (presented 2004). *Identification and Proteomic Analysis of a Neuronal AP-3-Coated Vesicle Carrier"*. Poster presentation at 44th American Society for Cell Biology Annual Meeting, American Society for Cell Biology, Washington, DC. (International)

[#] Salazar, G., Love, R., Styers, M., Werner, E., Peden, A. A., & Faundez, V. (presented 2003). *"Adaptor AP-3-dependent targeting of a Chloride channel to synaptic vesicles"*. Poster presentation at 57th Annual Meeting and Symposium Society of General Physiologists, Society of General Physiologists, Woods Hole, Massachusetts. (International)

[#] Salazar, G., Love, R., Cheng, S., Werner, E., Levey, A., & Faundez, V. (presented 2002). *"Zinc transporter 3 (ZnT3) defines a distinct synaptic vesicle population"*. Poster presentation at 42nd American Society for Cell Biology Annual Meeting, American Society for Cell Biology, San Francisco, CA. (International)

[#] Mardones, G. A., Salazar, G., Bravo-Zehnder, M., Soza, A., & Gonzalez, A. (presented 2001). *"Brefeldin A-Induced Tubules from Trans-Golgi Network Accumulated by PKA Inhibitors"*. Poster presentation at 41st American Society for Cell Biology Annual Meeting, American Society for Cell Biology, Washington, DC. (International)

[#] Garrido, J., Salazar, G., Gonzalez, A., & Cabello, A. (presented 1999). *"Growth factors, proliferation and differentiation in the ERG-2 gastric cell line"*. Poster presentation at 39th American Society for Cell Biology Annual Meeting, American Society for Cell Biology, Washington, DC. (International)

[#] Salazar, G., & Gonzalez, A. (presented 1999). -*"Endocytosis and down-regulation of the EGF receptor (EGFR) are affected by the H89 inhibitor of protein kinase A (PKA)"*. Poster presentation at 39th American Society for Cell Biology Annual Meeting, American Society for Cell Biology, Washington , DC. (International)

[#] Salazar, G., & Gonzalez, A. (presented 1997). *"Regulation of the EGF receptor (EGF-R) through novel cAMP mediated mechanism?"*. Poster presentation at 37th American Society for Cell Biology Annual Meeting, American Society for Cell Biology, Washington, DC. (International)

[#] Salazar, G., & Gonzalez, A. (presented 1995). *"Interaction of the EGF receptor and the cytoskeleton in diverse cell systems"*. Presentation at VI Meeting of the Ibero American Society for Cell Biology, Ibero American Society for Cell Biology, Oaxtepec, Mexico. (International)

Invited Workshops

For invited workshops, 100.0% were regional in scope.

Salazar, G. (2015, May). *2015 Regional Seminar*. Workshop delivered at National Institute of Health, Baltimore, MA. (Regional)

Invited Lectures and Readings of Original Work

For invited lectures and readings of original work, 10.0% were international, 10.0% were national, 70.0% were regional, 10.0% were local in scope.

Salazar, G. (2015, November). *Regulation of Nox1 Function and Vascular Aging by Nutritional Interventions: The Role of Zinc and Berry Polyphenols*. Delivered at Cardiology Division, Department of Medicine, Emory University, Atlanta, Georgia. (Regional)

Salazar, G. (2014, February). *Novel role of PGC-1alpha in Mitochondrial Autophagy and Vascular Aging*. Delivered at 2) Nutrition, Food and Exercise in Health Seminar, NFES monthly seminar series, Florida State University. (Local)

Salazar, G. (2013, November). *"Role of Zinc Deficiency in Vascular Aging and Atherosclerosis"*. Delivered at Department of Biological Sciences Seminar Series, College of Medicine, Florida State University. (Regional)

Salazar, G. (2013). *"Mitochondrial Function, Autophagy and Metal Homeostasis: Novel Cross Talk in Vascular Aging"*. Delivered at Center for Diagnostic and Therapeutics, Georgia State University. (Regional)

[#] Salazar, G. (2012). *"Role of Zinc Homeostasis dysfunction in Vascular Senescence Induced by Angiotensin II"*. Delivered at Department of Biological Sciences, Catholic University of Chile. (International)

[#] Salazar, G. (2012). *"Zinc and oxidative stress in vascular senescence"*. Delivered at Internal Visiting Professor Pulmonary Division, Emory University. (Regional)

[#] Salazar, G. (2011). *"Role of zinc homeostasis in cellular senescence mechanisms induced by angiotensin II"*. Delivered at Department of Nutrition and Health Sciences, University of Nebraska-Lincoln. (National)

[#] Salazar, G. (2011). *"Role of Zinc Homeostasis in Vascular Senescence"*. Delivered at Cardiology Division, Cardiovascular Biology Seminar, Emory University. (Regional)

[#] Salazar, G. (2008). *"Novel Regulation of Metal Transporter Function by Oxidative Stress. Implications of Zinc Homeostasis in endothelial cells"*. Delivered at Cardiology Division, Vascular Biology/Reactive Oxygen Society Seminars, Emory University. (Regional)

[#] Salazar, G. (2006). *"Common Mechanisms of Vesicle Membrane Traffic Regulation by AP-3 and BLOC-1"*. Delivered at Department of Cell Biology, Emory University. (Regional)

Contracts and Grants

Contracts and Grants Funded

Salazar, G (PI), & Arjmandi, BH (Co-I). (Mar 2018–Feb 2021). *Protective Role of Blackberry Polyphenols in Inflammation, Aging and Disease*. Funded by USDA-AFRI. (2018-67017-27518). Total award $500,000.

Zhao, Y (PI), & Salazar, G (Mentor). (Oct 2017–Dec 2017). *Dissertation Award: Contribution of Zinc Transporters to Autophagy and Vascular Senescence*. Funded by College of Human Sciences, Florida State University. Total award $550.

Huang, J (PI), & Salazar, G (Mentor). (Jun 2017–Feb 2018). *Dissertation Award: The Novel Role of p62 in the Regulation of Nox4, ROS levels, Senescence and Atherosclerosis*. Funded by College of Human Sciences, Florida State University. Total award $1,000.

Salazar, G (PI), & Muller-Delp, J (Co-PI). (May 2016–May 2017). *The Role of Adiponectin in Vascular Smooth Muscle Cell Senescence*. Funded by FSU Institute of Successful Longevity. Total award $15,500.

Salazar, G (PI), & Feresin, RG (Co-I). (May 2015–Aug 2015). *COFRS: Determining the Protective Role of Various Berry Polyphenol Extracts in Vascular Senescence of Vascular Smooth Muscle Cells*. Funded by Council on Research and Creativity, Florida State University. Total award $14,000.

Salazar, G. (Apr 2015–Apr 2015). *Funding Agency Travel (FAT) Program*. Funded by Council on Research and Creativity, Florida State University. Total award $1,000.

Knoell, DL (PI), Lippard, S (MPI), Shuttleworth, C (MPI), Pitt, B (MPI), Salazar, G (MPI), Colvin, R (MPI), & Palmer, A (MPI). (Jul 2014–Jun 2015). *International Society for Zinc Biology Conference*. Funded by NIH. (R13GM112419). Total award $5,000.

Salazar, G (PI). (Jul 2014–Jun 2016). *PGC-1alpha in Autophagy and Atherosclerosis*. Funded by American Heart Association. Total award $165,000.

Salazar, G (PI). (May 2014–Aug 2014). *FYAP: Determining the Role of Zinc Metabolism in Vascular Senescence Using Ex-Vivo Animal Models*. Funded by Council on Research and Creativity, Florida Sate University. Total award $20,000.

[#] Salazar, G (PI). (Jul 2012–Jun 2015). *Zinc homeostasis Dysfunction in Vascular Aging*. Funded by American Federation for Aging Research (AFAR). Total award $100,000.

[#] Faundez, V. (PI), & Salazar, G. (Co-I). (2005–2009). *Mechanism of Endosome Trafficking in Neurons*. Funded by NIH. (RO1 NS42599-05). Total award $1,520,200.

Contracts and Grants Pending

Hwang, HS (PI), & Salazar , G (Co-PI). (Jul 2018). *Role of NADPH Oxidases in Stress-Induced Ventricular Arrhythmias*. Submitted to AHA Intitutional Research Enhancement Award ($154,000).

Hwang, HS (PI), & Salazar , G (Co-PI). (Jun 2018). *New Therapeutic Target of Stress-Induced Ventricular Arrythmias*. Submitted to National Institute of Health, R15 ($455,617).

Rao, Q (PI), Salazar, G. (Co-PI), Spicer, M (Co-PI), Farrell, J (Co-PI), Weissert, W (Co-PI), & Rowan, A (Co-PI). (May 2018). *Collaborative Enhancement of Food, Nutrition, Dietetics and Public Health Education*. Submitted to USDA-NIFA ($150,000).

Delp, M (PI), Muller-Delp, J (Co-PI), Ledermann, T (Co-PI), Salazar, G. (Co-PI), & Grywacz, J (Co-PI). (Jul 2017). *Radiation, Simulated Weightlessness and Countermeasures: Effects on Cerebral and Coronary Vascular Function*. Submitted to NASA ($1,349,532).

Contracts and Grants Denied

Salazar, G (PI), Hwang, HS (Co-PI), Muller-Delp, J (Co-PI), & Bhide, P (Co-PI). (Oct 2017). *Nutritional Interventions to Alleviate Cardiovascular Disease Mediated by Tobacco Use (Resubmission)*. Submitted to Florida Department of Health James and Esther King Biomedical Research Program.

Proposal Mean: 4. This proposal will be resubmited in Fall 2018.

Salazar, G. (PI), & Arjmandi, BH (Co-PI). (Aug 2017). *Protective Role of Strawberry Supplementation in Reducing Senescence Markers in Older Adults*. Submitted to California Strawberry Commission.

Huang, J (PI), & Salazar, G. (Sponsor). (Feb 2017). *The Role of p62 in Nox4 Expression and Senescence*. Submitted to AHA Predoctoral Fellowship.

Streamlined.

Salazar, G. (Feb 2017). *The Protective Role of Blackberry in Vascular Aging and Atherosclerosis*. Submitted to AHA-GIA.

Streamlined.

Salazar, G. (PI). (Feb 2017). *Polyphenols in Vascular Function and Disease*. Submitted to NIH R15.

Impact Score: 40.

Pinto, J (PI), Hwang, HS (Co-I), Salazar, G (Co-I), & Muller-Delp, J (Co-I). (Aug 2016). *Troponin I-Mediated Cardiac Myopathy Triggered by Tobacco Products and Cancer Treatments: A New DAMP*. Submitted to James and Esther King Biomedical Reserach Program, Florida Department of Health.

Salazar, G (PI), Hwang, HS (Co-I), Pinto, J (Co-I), & Muller-Delp, J (Co-I). (Aug 2016). *Nutritional Interventions to Alleviate Cardiovascular Disease Mediated by Tobacco Use*. Submitted to James and Esther King Biomedical Reserach Program, Florida Department of Health.

Rank Percentile: 52.1.

Salazar, G. (PI), & Arjmandi, BH (Co-I). (Jul 2016). *Protective Role of Blackberry Polyphenols in Inflammation, Aging and Disease*. Submitted to USDA-AFRI.

Medium Priority, rank 34.

Salazar, G (PI). (Feb 2016). *ZnT3 in Vascular Aging and Disease (resubmission)*. Submitted to NIH R15.

Not scored.

Sathe, S (PD), Rao, Q (Co-PD), Salazar, G (Co-PD), McWey, L (Co-PD), Langston, A (Co-PD), McCormick, C (C0-PD), Magnuson, A (Co-PI), Fisher, H (Co-PI), & Onifade, T (Co-PI). (Jul 2015). *Multi-Disciplinary Approaches to Education and Research Training of Underrepresented Students in Food, Health and Human Sciences*. Submitted to USDA (AFRI-NLGCA).

Rao, Q (PI), Sathe, (Co-PI), & Salazar, G (Co-PI). (Apr 2015). *Quality Assessment of Bioactive Peptides in Intermediate-Moisture Foods During Storage*. Submitted to USDA-AFRI.

Salazar , G. (PI). (Apr 2015). *Protective Role of Blackberry Polyphenols in Inflammation, Aging and Disease*. Submitted to USDA-AFRI.

Ranking: Do Not Fund.

Salazar, G. (PI). (Feb 2015). *ZnT3 in Vascular Aging and Disease*. Submitted to NIH R15.

Impact score: 38.

Salazar, G (PI). (Nov 2014). *The protective Role of Grapes in vascular Senescence*. Submitted to California Table Grape Commision.

Letter of Intent.

Salazar, G. (PI). (Feb 2014). *ZnT3 in Vascular Aging and Disease*. Submitted to NIH RO1.

Impact Score: Not Discussed.

Postdoctoral Supervision

Feresin, R. (Aug 2014–May 2015).

Xiong, S. (2008–12).

Nazarewicz, R. (2008–11).

Highlighted Research

Feresin, R., Huang, J., Klarich, D., Zhao, Y., Pourafshar, S., Arjmandi, B., & Salazar Aranda, G. (2016). *"Blackberry, Raspberry and Blackraspberry Polyphenol Extracts Attenuate Angiotensin II-Induced Senescence in Vascular Smooth Muscle Cells"*.

Featured in the Cover Page of the Journal Food and Function.

Zlatic, S. A., Grossniklaus, E. J., Ryder, P. V., Salazar, G., Matteyses, A., Peden, A. A., & Faundez, V. (2013). *"Chemical-Genetic Disruption of Clathrin Function Spares Adaptor Complex 3-Dependent Endosome Vesicle Biogenesis"*. American Society for Cell Biology.

This paper was highlighted in the American Society for Cell Biology (ASCB) Newsletter on September, 2013 in the section Highlights from Molecular Biology of the Cell, page 50.

Craige, B., Salazar, G., & Faundez, V. (2008). *"Phosphatidylinositol-4-Kinase Type II Alpha Contains an AP-3 Sorting Motif and a Kinase Domain that are both Required for Endosome Traffic". Molecular Biology of the Cell. Apr 19; (4): 1415-1426*. American Society for Cell Biology.

This paper was highlighted in the American Society for Cell Biology (ASCB) Newsletter on April 2008 in the section InCytes from Molecular Biology of the Cell, page 25.

Service

Florida State University

FSU University Service

Grant Reviewer, The Committee on Faculty Research Support (COFRS) (2017–present).

Mentor, Faculty Award (2014–present).

FSU College Service

Marshal, College of Human Sciences Summer Commencement (2014–2015).

FSU Department Service

Member, Graduate Committee (2016–present).

Member, Scholarship Committee (2014–present).

Chair, NFES Nutrition Faculty Search Committee (2017–2018).

Chair, Department Executive Committee (2017).

Member, Department Executive Committee (2014–2016).

Member, NFES Exercise Sciences Search Committee (2014–2016).

Member, NFES Chair Search Committee (2014–2015).

Organizer, NFES monthy seminars (2014–2015).

NFES Representative, FSU Day at the Capital (2014).

The Profession

Editorial Board Membership(s)

Atherosclerosis: Open Access (2015–present).

Guest Reviewer for Refereed Journals

British Journal of Pharmacology (Apr 2018–present).

Traffic (Apr 2018–present).

Circulation Research (Mar 2018–present).

Experimental Gerontology (Jul 2017–present).

International Journal of Molecular Sciences (Sep 2016–present).

European Journal of Cell Biology (Jun 2016–present).

European Journal of Nutrition (Jun 2016–present).

The Journal of Nutrition (Jan 2016–present).

Journal of Cellular Physiology (Mar 2015–present).

Metallomics (2015–present).

Molecular Brain (Feb 2014–present).

Protist (2015).

PharmaNutrition (2014–15).

Antioxidant and Redox Signaling (2013).

Journal of Cardiovascular Pharmacology (2012).

PlosOne (2012).

Current Target Drug Cancer (2011).

Journal of Cell Biology (2004–08).

Molecular Biology of the Cell (2004–08).

Judge for an Exhibition

4th Emerging leaders in Nutrition Sciences Poster Competition. Nutrion 2018 meting, Boston MA: American Society for Nutrition (2018–present).

Poster Competition Reviewer. Experimental Biology: American Society for Nutrition (2017).

Research and Creativity Day. Department of Nutrition, Food and Exercise Sciences: Florida State University (2015).

Reviewer or Panelist for Grant Applications

American Heart Association, Transformational Project Award Basic Science Committee (2018–present).

American Heart Association, Collaborative Science Award Committee (2017–present).

Committee on Faculty Research Support (COFRS), Florida State University (2017–present).

The Austrian Science Fund (FWF) (2018).

National Institute of Health, R13 ZHL1 CSR-I NHLBI Conference Grant Review Panel (2014–2016).

American Heart Association, Cell Transport and Metabolism 1 Study Group (2012–2016).

The Netherlands Organisation for Scientific Research (NWO/ZonMw) Vidi program (2015).

Service to Professional Associations

Member of the Publication Committee, International Society for Zinc biology (2012–present).

Abstract reviewer, 2015 Advances and Controversies in Clinical nutrition, American Society for Nutrition (2015).

Abstract Reviewer, Gerontological Society of America 66th Annual Scientific Meeting (2013–2014).

Member of the Planning Committee for the 2014 annual meeting of the ISZB, International Society for Zinc Biology (ISZB) (2013–2014).

Volunteer in the International Affairs Committee (IAC), Host international students for the 2009 American Society for Cell Biology annual meeting, American Society for Cell Biology (2009).

Service to Other Universities

[#] Poster Judge, *Postdoctoral Research Symposium Day, Emory University* (2013).

[#] Faculty Development Award Subcommittee, *Emory University* (2012–2013).

[#] Poster Judge, *Annual Cardiology Research Symposium, Emory University* (2012).

[#] Poster Judge, *Annual Postdoctoral Fellow Research Symposium, Emory University* (2012).

[#] Poster Judge, *Postdoctoral Research Symposium Day, Emory University* (2010).

[#] Poster Judge, *Annual Department of Medicine Research Day, Emory University* (2009).

[#] Poster Judge, *Student Research Symposium, Emory University* (2009).

[#] Professional activities that occurred prior to my employment at FSU.