

Sarah Ullevig PhD, RD, LD
Curriculum Vitae

Contact Information

Professional:

University of Texas at San Antonio (UTSA)
College of Education and Human Development
Department of Kinesiology, Health, and Nutrition
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Personal:

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San Antonio, TX 78254
210-849-4803

Educational Background

Aug 07-Dec 2012	University of Texas Health Science Center San Antonio, (UTHSCSA) TX Doctor of Philosophy in Biochemistry
Sept 02-June 03	Texas State University, San Marcos, TX Postgraduate Dietetic Internship
Aug 1998-May 02	Texas State University, San Marcos, TX Bachelors of Science in Family and Consumer Sciences in Nutrition and Foods, Minor in Chemistry

Professional Licenses/Certifications

Oct 2003-Present	Registered Dietitian #929286
Oct 2003-Present	Licensed Dietitian, TX DT06826

Professional Employment History

Aug 2013-Present	University of Texas at San Antonio, TX Assistant Professor in the Department of Kinesiology, Health, and Nutrition
Jan 2013-Aug 2013	University of Texas Health Science Center, San Antonio, TX Post-Doctoral Fellow
July 2003-July 2007	Christian Senior Services, San Antonio, TX 07/03-07/07 Registered Dietitian 11/05-07/07 Client Services Manager
July 2003-Nov 2005	St. Luke's Baptist Hospital, San Antonio, TX Clinical Dietitian

Awards and Honors

May 2013	Women's Faculty Association Award for Leadership, UTHSCSA, TX
April 2013	Graduate Student/Postdoctoral Fellow Travel Award, American Society for Biochemistry and Molecular Biology, Experimental Biology, Boston, MA
June 2012	Paul M. Horowitz Award for Outstanding Graduate Student Award, Department of Biochemistry, UTHSCSA, TX
June 2011	Travel Award, The Mary Frances Picciano Dietary Supplement Research Practicum, Office of Dietary Supplements, NIH, Bethesda, MD
Sept 2010-Aug 2011	Translational Science Training (TST) Scholarship, UTHSCSA, TX

Research Peer-Reviewed Publications

Published

1. Zamora DA, Downs KP, **Ullevig SL**, Tavakoli S, Kim HS, Qiao M, Greaves DR, Asmis R. Glutaredoxin 2a Overexpression in Macrophages Promotes Mitochondrial Dysfunction but has no Effect on Atherogenesis in LDL-Receptor Null Mice. *Atherosclerosis*. 2015; Jul: 24 (1):69-78.
2. Kim HS, **Ullevig SL**, Nguyen HN, Vanegas D, Asmis R. Redox Regulation of 14-3-3zeta Controls Monocyte Migration. *Atheroscler Thromb Vasc Biol*. 2014; Jul: 34(7): 1514-21.
3. **Ullevig SL**, Kim HS, Nguyen HN, Hambright WS, Robles A, Tavakoli S, Asmis R. Ursolic Acid Protects Monocytes Against Metabolic Stress-induced Priming and Dysfunction by Preventing Induction of Nox4. *Redox Biology*. 2014; Jan: 2: 256-66.
4. **Ullevig SL**, Kim HS, Asmis R. S-Glutathionylation in Monocyte and Macrophage (Dys)Function. *Int J Mol Sci*. 2013; Jul 24: 25(8): 15212-32.
5. Lee CF, **Ullevig SL**, Kim HS, Asmis R. Regulation of Monocyte Adhesion and Migration by Nox4. *PLOS ONE*. 2013; Jun: 18;8(6): E66964.
6. Tavakoli S, Zamora D, **Ullevig SL**, Asmis R. Bioenergetic Profiles Diverge During Macrophage Polarization: Implications for the Interpretation of Imaging of Atherosclerosis. *J Nucl Med*. 2013; Sept: 54(9): 1661-7.
7. Kim HS, **Ullevig SL**, Zamora DA, Lee CF, Asmis R. Redox Regulation of MAPK Phosphatase 1 Controls Monocyte Migration and Macrophage Recruitment. *Proc Natl Acad Sci USA*. 2012; Oct: 109 (41): E2803-12.
8. Khandelwal AR, Hebert VY, Kleinedler JJ, **Ullevig SL**, Asmis R, Shi R, Dugas TR. Resveratrol and Quercetin Interact to Inhibit Neointimal Hyperplasia in Mice with a Carotid Injury. *J Nutr*. 2012; 142(8): 1487-94.
9. **Ullevig SL**, Zhao Q, Kim HS, Lee CF, Zamora D, Asmis R. NADPH Oxidase 4 Mediates Monocyte Priming and Accelerated Chemotaxis Induced by Metabolic Stress. *Arterioscler Thromb Vasc Biol*. 2012; Feb: 32(2): 415-26.
10. **Ullevig SL**, Zhao Q, Zamora Z, Asmis R. Ursolic Acid Protects Diabetic Mice Against Monocyte Dysfunction and Accelerated Atherosclerosis. *Atherosclerosis*. 2011; Dec: 219(2): 409-16.

Submitted and/or in Revision:

1. Rouse CA, Akhtar F, Montalvo M, **Ullevig SL**, Asmis R, Shoemaker MT, Maffi SK. Fetal Brain Damage after a Single Maternal Alcohol Exposure and Antioxidant Modulation. Submitted to American Journal of Obstetrics and Gynecology November 2015.
2. **Ullevig SL**, Kim HS, Short J, Weintraub S, Asmis R. Novel LC/MS/MS-based Proteomics Approach for the Identification of S-Glutathionylated Proteins in Metabolically Stressed Monocytes. Submitted to Antioxidants and Redox Signaling October 2015, in revision.

In Preparation

1. Nguyen HN, **Ullevig SL**, Kim HS, Asmis, R. Health Implications of Ursolic Acid and its Analogs. In preparation for Molecular Nutrition and Food Research.
2. Nguyen HN, **Ullevig SL**, Kim HS, Asmis R. Structure-Function Analysis of Ursolic acid and its Analogs: Protection of Monocytes from Metabolic Stress-Induced Priming. In preparation for Free Radical Biology and Medicine.
3. **Ullevig SL**, Spitsen E, Shields K, Sosa ET. Combined Efforts of Local Government Health Department and Companies to Reduce Sodium Availability in the Food Environment. In preparation for Diet, Food and Nutrition Environments.
4. Sesatty A, Gao X, **Ullevig SL**. Investigation of Ursolic Acid Supplement Purity. In preparation for the European Journal Medicinal Plants.
5. **Ullevig SL**, Sesatty A, Samsuhadi K, Fogt D. Effects of Acute Cold Exposure on Plasma Inflammatory and Lipid Biomarkers Associated with Cardiovascular Disease. In preparation.
6. Uc E, **Ullevig SL**. Impact of Meals on Wheels Participation on Malnutrition and Food Insecurity in the Homebound Elderly. In Preparation.

Scientific Presentations

Local (University/City/State)

1. Sesatty A, Samsuhadi K, Nguyen P, **Ullevig SL**, Fogt D. Effects of Acute Cold Exposure on Plasma Biomarkers associated with Cardiovascular Disease – Part 2. College of Education and Human Development 2015 Research Colloquium, November 20, 2015. Poster Presentation, Non-Refereed.
2. Uc E, **Ullevig SL**. Impact of Meals on Wheels Participation on Malnutrition and Food Insecurity in the Homebound Elderly. College of Education and Human Development 2015 Research Colloquium, November 20, 2015. Poster Presentation, Non-Refereed.
3. Sosa ET, **Ullevig SL**, Spitsen E. Increasing Low Sodium Option in the Workplace: San Antonio's Sodium Reduction Initiative. San Antonio Military Health System & Universities Research Forum (SURF) July 24, 2015, San Antonio, TX. Oral Presentation, Refereed.
4. De Leon T, **Ullevig SL**. Dietary Supplement and Medication Interactions and the Impact of Education in the Older Adult Population at Congregate Sites. UTSA Undergraduate Research & Creative Inquiry Showcase, April 23, 2015. Poster Presentation, Non-Refereed.

5. **Ullevig SL**, Asmis R. Identification of S-Glutathionylated Proteins in Metabolically Stressed Monocytes by LC/MS/MS. Department of Biochemistry 2012 Annual Retreat, UTHSCSA, Oral and Poster Presentation, Non-Refereed.
6. **Ullevig SL**, Zhao Q, Asmis R. Anti-Inflammatory Phytonutrients, Resveratrol and Ursolic Acid Modulate Monocyte Chemotaxis in vitro and in vivo. Department of Biochemistry Research Day, UTHSCSA, August 1, 2011. Poster Presentation, Non-Refereed.
7. **Ullevig SL**, Zhao Q, Asmis R. Protein –S-Glutathionylation: A Potential Mediator of Monocyte Chemotaxis Induced by Thiol Oxidative Stress. Department of Biochemistry 2009 Annual Retreat, UTHSCSA, Oral and Poster Presentation, Non-Refereed.
8. **Ullevig SL**, Zhao Q, Qiao M, Asmis, R. Thiol Oxidative Stress Induced by Metabolic Disorders Enhances Chemotactic Responses in Monocytes: A New Paradigm for the Development of Chronic Inflammatory Diseases. Biology of Aging Training Program Student Presentation-Barshop Institute, UTHSCSA, December 17, 2008. Oral Presentation, Invited Guest Speaker, Non-Refereed.

National/International: All Refereed

1. **Ullevig SL**, Spitsen E, Uc E, Sosa ET. Public Health and Worksite Partnerships Effectiveness on Reducing Sodium in Menu Options for Worksite Patrons. American Public Health Association Annual Meeting. Chicago, IL, October 31-November 4, 2015. Poster Presentation
2. Nguyen HN, **Ullevig SL**, Kim HS, Asmis, R. Structure-Function Analysis of Ursolic Acid and its Analogs to Identify their Anti-Inflammatory Mechanism of Action. Experimental Biology. Boston, MA, March 28-April 1, 2015. Oral Presentation
3. Nguyen HN, **Ullevig SL**, Kim HS, Asmis, R. Identification of Structural Features of Ursolic Acid Required to Protect Monocytes Against Metabolic Stress-Induced Dysfunction. Experimental Biology. San Diego, CA, April 26-30, 2014. Poster Presentation
4. **Ullevig S**, Asmis R. Novel Proteomics Approach for the Identification of S-Glutathionylated Proteins and Thiol Redox Sensitive Pathways in Monocytes. Molecular Cell Biology of Macrophages in Human Disease, Keystone Symposia, Santa Fe, NM, February 9-14, 2014. Poster Presentation
5. **Ullevig S**, Kim HS, Hambright WS, Tavakoli S, Asmis, R. Ursolic Acid Protects Monocytes Against Priming and Dysfunction Induced by Metabolic Stress by Preventing Induction of Nox4. Society for Free Radical Biology and Medicine (SFRBM) 20th Annual Meeting, San Antonio, TX, November 20-24, 2013. Oral Presentation
6. **Ullevig S**, Kim HS, Hambright WS, Tavakoli S, Asmis, R. Ursolic Acid Protects Monocytes Against Priming and Dysfunction Induced by Metabolic Stress by Preventing Induction of Nox4. Experimental Biology. Boston, MA, April 19-24, 2013. Poster Presentation
7. **Ullevig S**, Asmis R. Novel LC/MS/MS-based Proteomics Approach for the Identification of S-Glutathionylated Proteins: Analysis of Redox Regulation of Metabolic Priming in Monocytes. Experimental Biology. Boston, MA, April 19-24, 2013. Poster Presentation

8. **Ullevig S**, Asmis R. Novel LC/MS/MS-based Proteomics Approach for the Identification of S-Glutathionylated Proteins in Metabolically Stressed Monocytes. Gordon Research Conference: Thiol-Based Redox Regulation & Signaling, The Molecular Underpinnings of Redox Regulation and Oxidative Stress. Lewiston, ME, July 29-August 3, 2012. Poster Presentation
9. Kim HS, **Ullevig S**, Zamora D, Lee CF, Asmis R. Mitogen-Activated Protein Kinase Phosphatase-1 and the Redox Regulation of Monocyte Adhesion and Migration. Arteriosclerosis, Thrombosis and Vascular Biology 2012 Scientific Sessions, Chicago, IL. Poster Presentation
10. **Ullevig S**, Zhao Q, Kim HS, Asmis R. Anti-Inflammatory Phytonutrients, Resveratrol and Ursolic acid, Modulate Monocyte Chemotaxis in vitro and in vivo. Experimental Biology, Washington DC, April 9-13, 2011. Oral Presentation
11. Lee CF, Zhao Q, **Ullevig S**, Kim HS, Asmis R. Induction of NADPH Oxidase 4 by Metabolic Stress Enhances Monocyte Adhesion and Chemotaxis: Role of Redox Signaling in Early Macrophage Recruitment of Atherosclerosis. American Heart Association Scientific Sessions 2011, Orlando, FL. Poster Presentation
12. Zhao Q, **Ullevig S**, Kim HS, Lee CF, Asmis R. A Novel Insight in the Mechanism under Metabolic Disorders Enhancing Macrophage Responsiveness to Chemoattractants. Arteriosclerosis, Thrombosis and Vascular Biology 2011 Scientific Sessions, Chicago, IL, April 28-30, 2011. Poster Presentation
13. Zhao Q, **Ullevig S**, Zamora D, Zhu B, Asmis R. Long-term Oral Rapamycin Administration Delays the Progression of Atherosclerosis Despite Enhancing Macrophage Chemotaxis in LDL Receptor Deficient Mice. Arteriosclerosis, Thrombosis and Vascular Biology 2011 Scientific Sessions, Chicago, IL, April 28-30, 2011. Poster Presentation
14. Zhao Q, **Ullevig S**, Asmis R. The Cellular Thiol Redox State Determines Monocyte Responsiveness to Chemoattractants and Regulates Macrophage Recruitment into Atherosclerotic Lesions. 78th European Atherosclerosis Society Congress, Hamburg, Germany, June 2010. Poster Presentation
15. Lee CF, Zhao Q, **Ullevig S**, Asmis R. Filopodia-Localized NADPH Oxidase 4 in Regulating Metabolic Stress-Induced Hyper-Responsiveness of Monocyte Chemotaxis and Macrophage Recruitment. The Society of Leukocyte Biology Meeting 2010, Vancouver BC, Canada. October 8-9, 2011. Poster Presentation
16. **Ullevig S**, Zhao Q, Asmis R. Protein-S-Glutathionylation Mediates Accelerated Monocyte Chemotaxis Induced by Oxidative Stress. SFRBM 16th Annual Meeting, San Francisco, California, November 18-22, 2009. Poster Presentation
17. Zhao Q, **Ullevig S**, Qiao M, Asmis R. Increased Monocyte Responsiveness to Chemoattractants Induced by Oxidative Stress in Vitro and in Vivo Is Mediated by Protein-S-Glutathionylation. Arteriosclerosis, Thrombosis and Vascular Biology 2009 Scientific Sessions, Washington DC. Poster Presentation
18. **Ullevig S**, Zhao Q, Qiao M, Asmis R. Thiol Oxidative Stress Induced by Metabolic Disorders Enhances Chemotactic Responses In Monocytes: A New Paradigm for the Development of Chronic Inflammatory Diseases. Society for Free Radical Biology and Medicine (SFRBM) 15th Annual Meeting, Indianapolis, Indiana, November 19-23, 2008. Poster Presentation

19. Zhao Q, **Ullevig S**, Qiao M, Asmis R. Enhanced Monocytes Chemotaxis Induced by Thiol Oxidative Stress: A New Paradigm for the Recruitment of Macrophages in Atherosclerosis and Other Chronic Inflammatory Diseases. AHA Scientific Sessions, New Orleans, Louisiana, November 8 – 12, 2008. Poster Presentation

Granting Activities

Pending Research Support

1. **Ullevig SL**, Sosa E. (\$41,202). Eat Lite, Eat Right: Campus Reward Program to Increase College Student Fruit and Vegetable Intake. Allen Foundation, December 31, 2015.
Status: submitted
Role: Principal Investigator, 50% shared credit

Current Research Support

1. Sosa E, **Ullevig SL**. (\$52,613). Evaluation of the Sodium Reduction Initiative Year 3. City of San Antonio, 2015.
Funding dates: August 2015-July 2016.
Status: funded
Role: Co-Investigator, 50% shared credit

Previous Research Support

1. Fogt D, Cooke W, **Ullevig SL**, Espinosa S, Hazuda H, Noel P, Triana JF. (\$30,000) Effect of Early (pre-) Frailty on Cardiovascular Performance and CVD Risk Factors. San Antonio Area Foundation, 2014.
Funding dates: April-September 2015
Role: Co-Investigator, 10% shared credit
2. Sosa E, **Ullevig SL**. (\$50,000). Evaluation of the Sodium Reduction Initiative Year 2. City of San Antonio, 2014.
Funding dates: September 2014-July 2015.
Role: Co-Investigator, 50% shared credit
3. **Ullevig SL**. (\$2,735). Investigation of Ursolic Acid Supplement Purity. COEHD Award 2014-2015.
Funding dates: December 2014-June, 2015
Role: Principal Investigator

Research Support Not Funded

1. **Ullevig SL**, Zhang J. (\$4,999) Effect of Strength and Endurance Training Post-MI in Rats on Thiol Oxidative Stress and Protein-S-Glutathionylation Levels in Cardiac Muscle. Internal Research Awards (INTRA) at UTSA, 2015.
Role: Principal Investigator, 90% shared credit
2. **Ullevig SL**, Fogt D. (\$19,999) Inflammatory and Lipid Biomarkers of Cardiovascular Disease Following Acute Cold Exposure. Grants for Research Advancement and Transformation (GREAT) at UTSA, 2015.
Role: Principal Investigator, 70% shared credit
3. Zhang J, **Ullevig SL**, Ji, L. (1,837,500) Finding the Proper Post-MI Exercise Training Regimen to Improve Cardiac Remodeling. National Heart, Lung, and Blood Institute (R01), 2015.
Role: Co-Investigator, 5% shared credit

4. Sosa E, He M, **Ullevig SL**, Cotto-Moreno S. (\$74,000) Evaluation of the “Team Up for School Nutrition Success Pilot Initiative. The National Food Service Management Institute Research Division, 2014.
Role: Co-Investigator, 20% shared credit
5. Fogt D, Cooke W, **Ullevig SL**, Espinosa S, Hazuda H, Noel P, Triana JF. (\$298,966) Relationship Between Early Frailty and Cardiovascular Performance and CVD Risk Factors. San Antonio Life Sciences Institute (SALSI) grant 2014-2015.
Role: Co-Investigator, 10% shared credit
6. Roman-Shriver C, **Ullevig SL**. (\$143,380). Careers in Dietetics: Enhancing Diversity and Student Success. Texas Higher Education Coordinating Board, Minority Health Research and Education Grant Program, Recruitment and Retention, 2014.
Role: Co-Principal Investigator, 50% shared credit
7. **Ullevig SL**. (\$5,000). Malnutrition in the Homebound Elderly Population of Bexar County: Prevalence and Severity. COEHD Award 2013-2014.
Role: Principal Investigator

Teaching

University of Texas at San Antonio, TX

Semester	Courses Taught/Scheduled to Teach		Format
Spring 2016	NDT 4363	Current Issues in Nutrition	Hybrid
	NDT 5333	Nutritional Supplements and Functional Foods	Face-to-Face
	NDT 5901	Seminar in Dietetics*	Face-to-Face
	NDT 5957	Advanced Dietetics Practicum II*	Face-to-Face
Fall 2015	NDT 3413	Advanced Human Nutrition	Face-to-Face
	NDT 5911	Research Seminar	Face-to-Face
	NDT 5343	Integration of Metabolism	Face-to-Face
	NDT 5947	Advanced Dietetics Practicum I*	Face-to-Face
Summer 2015	NDT 5323	Nutrition Pathophysiology	Face-to-Face
Spring 2015	NDT 3333	Nutrition Counseling and Education	Face-to-Face
	NDT 3343	Nutrition in the Lifespan	Face-to-Face
	NDT 4363	Current Issues in Nutrition	Hybrid
Fall 2014	NDT 3413	Advanced Human Nutrition	Face-to-Face
	HTH 3013	Survey of Human Nutrition	Online
	NDT 2043	Introduction to Nutrition Sciences	Face-to-Face
Spring 2014	NDT 3413	Advanced Human Nutrition	Face-to-Face
	NDT 3333	Nutrition Counseling and Education	Face-to-Face
	NDT 2043	Introduction to Nutrition Sciences	Face-to-Face
Fall 2013	NDT 2043	Introduction to Nutrition Sciences	Face-to-Face
	NDT 3343	Nutrition in the Life Span	Face-to-Face

Bold indicates new course development

*Devoted 25% effort

Honor's Thesis Student Supervision

1. Tracy Deleon, Honor's thesis
Aug 2014-Present "Dietary Supplement and Medication Interactions and the Impact of an Education Class in the Older Adult Population at Congregate Sites."

Spring 2015 Recipient of the Office of the Undergraduate Research's Spring 2015 Undergraduate Research Scholarship

Master's Thesis Student Supervision

1. Ashton Balarin, graduate research assistant, Kinesiology and Health Promotion
Sept 2015-Present Promoting fruit and vegetable consumption on campus through a rewards program.

Master's Thesis Student Committee Member

1. Raymundo Mendoza
2015-Present "Farm to Church Program"
Supervising Professor: Dr. Meize He

Research Assistant Supervision

1. Paul Nguyen, Graduate Research Assistant, Kinesiology and Health Promotion
Sept-Dec 2015 Training in laboratory techniques and research project with cardiovascular biomarkers in cold exposure and frailty.
2. Ashton Balarin, Graduate Research Assistant, Kinesiology and Health Promotion
Sept 2015-Present Thesis student focusing on promoting fruit and vegetable consumption on campus.
3. Eliani Uc, Undergraduate Research Assistant, Nutrition and Dietetics Student
Sept 2014-Present Evaluation of the sodium reduction project with the City of San Antonio. Researcher with the "Malnutrition in the Homebound elderly and the Impact of Meals on Wheels Participation on Dietary Intake and Nutrition Status"

Fall 2015 Placed Second in the Undergraduate Level at the College of Education and Human Development 2015 Research Colloquium, November 20, 2015
4. Ana Sesatty, Undergraduate Research Assistant, Nutrition and Dietetics Student
Sept 2014-July 2015 Training in laboratory techniques and research projects with the phytochemical, ursolic acid and evaluating cardiovascular disease biomarkers in acute cold exposure.
5. Vinerys Rodriguez, Graduate Research Assistant, Kinesiology and Health Promotion
Sept 2013-May 2014 Research and project development for Meals on Wheels community research projects.

Undergraduate Internship Supervision

1. Victoria Utomi, Health Student
Spring 2016 Evaluation of the sodium reduction project with the City of San Antonio.

2. Joseph Chen, Kinesiology Student
Fall 2015 Researcher with the “Malnutrition in the Homebound elderly and the Impact of Meals on Wheels Participation on Dietary Intake and Nutrition Status” and with the “Dietary Supplement and Medication Interactions and the Impact of an Education Class in the Older Adult Population at Congregate Sites.”
3. Robert Garza, Kinesiology Student
Summer 2015 Researcher with the “Malnutrition in the Homebound elderly and the Impact of Meals on Wheels Participation on Dietary Intake and Nutrition Status” and with the “Dietary Supplement and Medication Interactions and the Impact of an Education Class in the Older Adult Population at Congregate Sites.”
4. Alyssa Martinez, Public Health Student
Spring 2015 Researcher with the “Malnutrition in the Homebound elderly and the Impact of Meals on Wheels Participation on Dietary Intake and Nutrition Status” and with the “Dietary Supplement and Medication Interactions and the Impact of an Education Class in the Older Adult Population at Congregate Sites.”
5. Rachel Scott, Public Health Student
Spring 2015 Evaluation of the sodium reduction project with the City of San Antonio. Researcher with the “Dietary Supplement and Medication Interactions and the Impact of an Education Class in the Older Adult Population at Congregate Sites.”
6. Amy Duncan, Public Health Student
Fall 2014 Evaluation of the sodium reduction project with the City of San Antonio. Researcher with the “Malnutrition in the Homebound elderly and the Impact of Meals on Wheels Participation on Dietary Intake and Nutrition Status.”
7. Marvin Dike, Health Student
Fall 2014 Researcher with the “Malnutrition in the Homebound elderly and the Impact of Meals on Wheels Participation on Dietary Intake and Nutrition Status.”
8. Mason Arevalo, Kinesiology Student
Fall 2014 Researcher with the “Malnutrition in the Homebound elderly and the Impact of Meals on Wheels Participation on Dietary Intake and Nutrition Status.”

Independent Study Students

Graduate:

1. Ryan Rabat NDT 5852
Spring 2016 Researcher on the “Inflammatory Biomarkers of Cardiovascular Disease Following Acute Cold Exposure.”
2. Randahl Capurro NDT 5852
Spring 2016 Developing nutrition education sessions for the “The Roadrunner Diabetes Screening and Education Project” in conjunction with Dr. Zenong Yin.

3. Ana Sesatty
July 2016 NDT 5852
Researcher on “Investigation of Ursolic Acid Dietary Supplement Purity.”
4. Brittany Wise
July 2016 NDT 5852
Researcher with the “Malnutrition in the Homebound elderly and the Impact of Meals on Wheels Participation on Dietary Intake and Nutrition Status.”
5. Tracy De Leon
June 2016 NDT 5852
Researcher with the “Dietary Supplement and Medication Interactions and the Impact of an Education Class in the Older Adult Population at Congregate Sites.”
6. Pamela Rodriguez
June 2016 NDT 5852
Researcher with the “Dietary Supplement and Medication Interactions and the Impact of an Education Class in the Older Adult Population at Congregate Sites.”

Undergraduate:

1. Britton Beckerman
Spring 2016 Researcher with the “Malnutrition in the Homebound elderly and the Impact of Meals on Wheels Participation on Dietary Intake and Nutrition Status.”
2. Pamela Rodriguez
Spring 2015 NDT 4952
Researcher with the “Dietary Supplement and Medication Interactions and the Impact of an Education Class in the Older Adult Population at Congregate Sites.”

University of Texas Health Science Center, San Antonio TX

Rotation Student Supervision

Feb-Mar 2013	Nancy Nga Huynh Nguyen, UTHSCSA graduate student (second rotation)
Nov-Dec 2012	Nancy Nga Huynh Nguyen, UTHSCSA graduate student
Sept-Oct 2012	Ana V Chavez-Santoscoy, UTHSCSA graduate student
Jan-Feb 2012	Andrew Robles, UTHSCSA graduate student
Feb-Apr 2011	Erik Medellin, UTSA graduate student
Nov 2010	Rory Johnson, UTHSCSA graduate student
Jan-Feb 2010	Manjula Mummadisetti, UTHSCSA graduate student
Oct-Dec 2009	Jason Plyer, UTHSCSA graduate student
Jun-Aug 2008	Ehrich Pakala, undergraduate in Summer research program (BeSure)

Voelker Academy High School Student Supervision

1. Rebecca Dawes
June 2013, June-August 2012
Project Title: *Change of DNA Methylation on Nox4 Promoter Region by Metabolic Stress.*
Mentored: Poster development and presentation skills, cell culture, protein assay, Western Blot

2. Jessica Anthony

June 2013, June-August 2012, November 20-21, 2012

Project Title: *Ursolic Acid and its Triterpenoid analogs are Natural Inhibitors of Monocyte Dysfunction.*

Mentored: Poster development and presentation skills, cell culture, cell viability assay, protein assay, Western Blot **Jessica placed second at the Jr. Academy of Science Fair and presented at the Regional Science Fair for her project I supervised during Thanksgiving Break.*

3. Jonah Crayton

June 2013, June-August 2012, March 2012 (Spring Break) and June-July 2011

Project Title: *Ursolic Acid and its Triterpenoid Analogs are Natural Inhibitors of Monocyte Dysfunction.*

Mentored: Poster development and presentation skills, cell culture, protein assays, Western Blot, and RNA isolation.

Service

Coordinated Program in Nutrition and Dietetics (CPD), Department of Kinesiology, Health and Nutrition UTSA, San Antonio TX

Sept 2015 - Present	Member, Search Committee for the CPD Director position
June 2015 - Present	Graduate Advisor on Record, CPD program
Oct 2014 - May 2015	Member, Search Committee for the Associate/Full Professor position in the area of Nutrition and Dietetics
Aug 2014 - Present	Faculty Advisor, Dietetic and Nutrition Student Association (DANSA)
May 2014 - Present	Member, CPD Student Application Review and Selection Committee
Aug 2013 - Present	Member, CPD Faculty Academic Review Committee
May 2013 - Present	Member, CPD Advisory Board, UTSA

Department of Kinesiology, Health, and Nutrition, UTSA, San Antonio, TX:

Sept 2015 - Present	Member, Department Faculty Advisory Committee
Sept 2015 - Present	Member, Graduate Studies Committee
Sept 2014-May 2015	Member, Southern Association of College Committee
Sept 2014-May 2015	Member, Academic Policy and Curricula Committee

College of Education and Human Development (COEHD), UTSA, San Antonio, TX:

Oct 2013-Present	Member, COEHD Scholarship Committee
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UTSA, San Antonio, TX:

July 2014-Present	Member, UTSA Brackenridge Road Demonstration Garden Committee,
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Professional Service Activities:

Abstract, Grant, and Poster Review

Nov 2015	Abstract Reviewer, American Society for Nutrition, Experimental Biology Meeting 2016
Oct 2015	Abstract Reviewer, Society for Free Radical Biology and Medicine 22 nd Annual Meeting 2015
May 1, 2015	Faculty Reviewer, Honor's College Undergraduate Research Symposium, UTSA
Sept 2014	Abstract Reviewer, Society for Free Radical Biology and Medicine 21 st Annual Meeting, 2014
July 2014	Grant reviewer, San Antonio Life Science Institute Innovation (SALSI) Challenge, UTSA
Dec 12, 2014	Faculty Reviewer, Honor's College Undergraduate Research Symposium, UTSA

Other:

Sept 2015-Present	Trainer, "The Roadrunner Diabetes Screening and Education Project" in conjunction with Dr. Zenong Yin, UTSA.
Dec 5, 2015	Judge, John Jay Science and Engineering Academy Science Fair, 2015 Engineering Fair, San Antonio, TX, 2012
April 2015	Co-organizer, South Texas Academy of Nutrition and Dietetics Monthly Meeting
April, 16, 2015	Panel member, Science of Teaching Course at UTHSCSA
Sept 28, 2014	Volunteer at South Texas Academy of Nutrition and Dietetics booth, Siclovia, YMCA of Greater San Antonio, Community Event, San Antonio, TX
March 25, 2014	Panel member, Science of Teaching Course at UTHSCSA
Oct 17, 2013	Guest Speaker, Pre-Dietetics Society Meeting, UTSA
March 31, 2012	Judge, Junior Biochemistry division, ExxonMobil Texas Science and

UTHSCSA, San Antonio, TX:

January 2012	Member, Student Services Student Focus Group, UTHSCSA, hosted by Mindstream
Sept 2011-July 2013	Student/Post-doc Member, Parking and Traffic Safety Committee
Feb 2011-Dec 2012	Chair, Horowitz Lecture Selection Committee, Biochemistry Department
Dec-Feb 2010	Student Representative, Search Committee, UTHSCSA Graduate School of Biomedical Sciences Dean
April-May 2009	Student Representative, Search Committee, UTHSCSA Presidential Candidate

Affiliations/Memberships

2010-Present	American Society for Biochemistry and Molecular Biology
2010-Present	American Society for Nutrition
2008-Present	Society for Free Radical Biology and Medicine
2002-Present	Academy of Nutrition and Dietetics
	2014-Present: Integrative and Functional Medicine
	2013-Present: Nutrition and Dietetic Educator and Preceptors
	2007-Present: Research Dietetic Practice Group
2002-Present	South Texas Academy of Nutrition and Dietetics

Professional Development

Nov 17, 2015	Creating a Teaching Philosophy, Faculty Center Workshop, UTSA, TX
Sept 15, 2015	Flipping the Classroom, Faculty Center Workshop, UTSA, TX
Feb 15, 2015	Tests that Grade Themselves, Faculty Center Workshop, UTSA, TX
Sept 2014	Risk Management Training for Student Organization, UTSA, TX
May 2013	Entering Mentoring Certificate course, UTHSCSA, TX
April 2012	Flow Cytometry Core Training, UTHSCSA, TX
Jan-May 2012	Introduction to the Science of Teaching, elective course at UTHSCSA (INTD 6011)
June 6-9, 2011	The Mary Frances Picciano Dietary Supplement Research Practicum, Office of Dietary Supplements, National Institutes of Health, Washington DC
Aug-Dec 2009	Medicinal Plants, audited, taught by Dr. Valerie Sponsel, UTSA (BIO 6973.004)