

CONTACT INFORMATION

John Yu, MD, PhD, MPH, Professor

The University of New Mexico College of Nursing
1 University of New Mexico
MSC09 5350
Albuquerque, NM 87131-001
Office: (505) 272-4258
Email: xiyu@salud.unm.edu
Website:

EDUCATION

2002 - 2006	University of Washington Seattle, WA	Post-Doctoral Fellowship	Specialty: Risk Assessment, Occupational and Environmental Toxicology
1999 - 2002	National Institute of Industrial Health Tokyo, Japan	Post-Doctoral Fellowship	Specialty: Occupational and Environmental Health and Toxicology
1994 - 1999	Nagoya University Nagoya, Japan	PhD	Specialty: Occupational and Environment Health and Toxicology
1988 - 1991	Shanghai Medical University (Now Fudan University) Shanghai, China	MPH	Specialty: Preventive Medicine and Toxicology
1987 - 1988	Yizhen General Hospital Jiangsu, China	Internship	
1983 - 1988	Nanking Medical University Nanking, China	MD	Specialty: Preventive Medicine

PROFESSIONAL EXPERIENCE

Academic Appointments and Research Experience

July 2020 - Present	The University of New Mexico College of Nursing Albuquerque, NM	Professor
April 2018 - 2020	University of Georgia Athens, GA	Associate Professor Department of Environmental Health Science College of Public Health

April 2012 - 2018	University of Georgia Athens, GA	Assistant Professor Department of Environmental Health Science College of Public Health
2006 - 2012	University of Washington Seattle, WA	Director of Lab Research and Public Health Translation Department of Environmental & Occupational Health Sciences
1994 - 1999	Nagoya University Nagoya, Japan	Research Assistant Graduate School of Medicine
1988 - 1994	Shanghai Medical University Shanghai, China	Research Assistant/Lecturer Department of Occupational Health and Toxicology, School of Public Health

AWARDS, HONORS, AND FELLOWSHIPS

2018	Toxicology Sciences	Best Paper Award, Received
2008	Toxicology Sciences Baltimore, MD	Best Paper Award Finalist, Received
2008	The Society of Toxicology, Board of Publications	Honorable Mention in the 2008 Best Paper Award winner for the publication titled, Nominated
2007	The Society of Toxicology Charlotte, NC	The outstanding published paper Award, Received
2006	The Society of Toxicology	Colgate-Palmolive Grant for Alternative Research Award, Received
2001	The Society of Toxicology Nashville, TN	Best Paper Award published in Toxicology Applied, Received

FUNDED RESEARCH & CREATIVE ACTIVITIES

Extramural

- Zychowski, K. E. (Principal Investigator), Yu, X. (Co-Investigator), "Systemic Implications and Novel Mechanisms of Circulating Extracellular Vesicles Following Inhaled Exposures," Sponsored by National Institutes of Health, Federal, \$2611000. (Funded: July 17, 2023 - May 31, 2028).
- Yu, X., "Discovering the Molecular Mechanism BPA analogs BPAF induced multinucleation and Testicular Toxicity (DMBPAF)," Sponsored by NIH, Federal. (Currently Under Review:).
- Yu, X. (Principal Investigator), "Discovering the Molecular Mechanism BPA analogs BPAF induced multinucleation and Testicular Toxicity (DMBPAF)," Sponsored by NIH, Federal. (Currently Under Review:).
- Yu, X. (Co-Investigator), "Impact of Macrophage Carbon Load and Epigenetic Aging on Lung Function Decline and Mortality," Federal. (Currently Under Review:).
- Yu, X. (Co-Investigator), "Lung deposition dose of black carbon as a driver of health disparities," Sponsored by NIEHS, Federal. (Currently Under Review:).
- Yu, X. (Co-Investigator), "New Mexico Integrative Science Program Incorporating Research in Environmental Sciences (NM-INSPIRES)," Sponsored by NIEHS, Federal. (Funded:).
- Yu, X. (Co-Investigator), "UNM Metals Exposure Toxicity Assessment on Tribal Lands in the Southwest (METALS) Superfund Basic Science Research and Training Program (renewal)," Sponsored by NIEHS, Federal. (Funded:).
- Yu, X. (Principal Investigator), "Innovative Mini-Testis model for reproductive toxicity testing: a pathway--based High throughput and High Content Analysis," Sponsored by National Institute of Environmental Health Sciences, Federal, \$1500000. (Funded: 2018 - 2020).
- Yu, L. (Principal Investigator), Yu, X. (Principal Investigator), "Colgate-Palmolive Grant for Alternative Research, Animal free In vitro mini-testis model for reproductive toxicity testing," Sponsored by Society of Toxicology, Private, \$40000. (Funded: 2016 - 2018).
- Yu, X. (Principal Investigator), "Innovative Mini-Testis model for reproductive toxicity testing: a pathway- based High throughput and High Content Analysis," Sponsored by National Institute of Environmental Health Sciences, Federal, \$222150. (Funded: 2016 - 2018).
- Yu, X. (Principal Investigator), "Alternatives Research & Development Foundation, Pathway-based mini-testis model for reproductive toxicity testing," Sponsored by ARDF, Other, \$39500. (Funded: 2015 - 2018).
- Yu, X. (Principal Investigator), "Animal-free 3D min-testis model for reproductive toxicity testing," Sponsored by National Institute for Occupational Safety and Health, Federal, \$412500. (Funded: 2013 - 2016).
- Faustman, E. M. (Principal Investigator), Yu, X. (Co-Investigator), "3D Testicular cells co-culture model for reproductive and developmental toxicity," Sponsored by Food and Drug Administration, Federal, \$756914. (Funded: 2011 - 2012).
- Faustman, E. M. (Principal Investigator), Yu, X. (Co-Investigator), "Center for Child

Environmental Health Risk Assessment," Sponsored by National Institute of Environmental Health Sciences, Federal, \$2263990. (Funded: 2008 - 2012).

Yu, X. (Principal Investigator), "3D testicular cells co-cultures as an in vitro model for assessment of reproductive toxicity," Sponsored by CAAT, Other, \$101044. (Funded: 2008 - 2010).

Faustman, E. M. (Principal Investigator), Yu, X. (Co-Investigator), "Core-Reproductive and Developmental Toxicology," Sponsored by National Institute of Environmental Health Sciences, Federal, \$708416. (Funded: 2005 - 2009).

Faustman, E. M. (Principal Investigator), Yu, X. (Co-Investigator), "Center for Child Environmental Health Risk Assessment," Sponsored by National Institute of Environmental Health Sciences, Federal, \$2313990. (Funded: 2004 - 2008).

Faustman, E. M. (Principal Investigator), Yu, X. (Co-Investigator), "Pacific Northwest Center for Ocean and Human Health," Sponsored by National Institute of Environmental Health Sciences, Federal, \$2542297. (Funded: 2004 - 2008).

Yu, X. (Principal Investigator), "Colgate-Palmolive Grant for Alternative Research," Sponsored by Society of Toxicology, Private, \$72008. (Funded: 2005 - 2007).

Faustman, E. M. (Principal Investigator), Yu, X. (Co-Investigator), "Integration of Genomic and Proteomic Biomarkers for Environmental Health Assessment," Sponsored by U.S. Environmental Protection Agency, Federal, \$491425. (Funded: 2004 - 2007).

Zarbl (Principal Investigator), Yu, X. (Co-Investigator), "Toxicogenomics Consortium, Toxicology Research Core," Sponsored by National Institute of Environmental Health Sciences, Federal, \$525400. (Funded: 2002 - 2007).

Faustman, E. M. (Principal Investigator), Yu, X. (Co-Investigator), "Cell Cycle Regulation in Metal developmental Toxicity," Sponsored by National Institute of Environmental Health Sciences, Federal, \$816016. (Funded: 2002 - 2004).

Intramural

Yu, X. (Principal Investigator), "Internal Faculty Research Award," Sponsored by University of Georgia, Other, \$10000. (Funded: 2014 - 2017).

Yu, X. (Principal Investigator), "Targeting P53-Independent Pathways in cancer cells by arsenic and Chinese Herb," Sponsored by University of Georgia College of Public Health, Other, \$7960. (Funded: 2013 - 2014).

Faustman, E. M. (Principal Investigator), Yu, X. (Co-Investigator), "Project 3: integrative risk assessment methods for engineered nanomaterials," Sponsored by National Institute of Environmental Health Sciences, Federal, \$444749. (Funded: 2010 - 2012).

Yu, X. (Principal Investigator), "Targeting P53-Independent Pathways for Innovative Arsenic Chemotherapy," Sponsored by University of Washington, Other, \$26603. (Funded: 2008 - 2009).

SCHOLARSHIP & PUBLICATIONS

Peer-Reviewed Journal Articles

- Yu, X. Application of artificial intelligence in quantifying lung deposition dose of black carbon in people with exposure to ambient combustion particles. *J Expo Sci Environ Epidemiol*, <https://doi.org/10.1038/s41370-023-00607-0>.
- Li, Y., Li, X., Cournoyer, P., Choudhuri, S., Yu, X., Guo, L., Chen, S. (2023). Cannabidiol-induced transcriptomic changes and cellular senescence in human Sertoli cells. *TOXICOLOGICAL SCIENCES*, 191(2), 227-238.
- El Hayek, Eliane., Castillo, E., In, J. G., Garcia, M., Cerrato, J., Brearley, A., Gonzalez-Estrella, J., Herbert, G., Bleske, B., Benavidez, A., Hsiao, H., Yin, L., Campen, M. J., Yu, X. (2023). Photoaging of polystyrene microspheres causes oxidative alterations to surface physicochemistry and enhances airway epithelial toxicity. *TOXICOLOGICAL SCIENCES*.
- Hu, C., Hsiao, Z. H., Yin, L., Yu, X. (2023). The role of small GTPases in bisphenol AF-induced multinucleation in comparison with dibutyl phthalate in the male germ cells. *TOXICOLOGICAL SCIENCES*, 192(1), 43-58.
- Yu, X. High-Content analysis of testicular toxicity of BPA and its selected analogs in mouse spermatogonial, Sertoli cells, and Leydig cells revealed BPAF induced unique multinucleation phenotype associated with the increased DNA synthesis. *Toxicology in vitro*, 89.
- Hong, X., Shao, N., Yin, L., Li, C., Tao, G., Sun, Y., Qian, K., Yang, J., Xiao, P., Yu, X., Zhou, Z. (2022). Exposure to zinc oxide nanoparticles affects testicular structure, reproductive development and spermatogenesis in parental and offspring male rats. *ANNALS OF TRANSLATIONAL MEDICINE*, 10(13).
- Yin, L., Lin, S., Summers, A. O., Roper, V., Campen, M. J., Yu, X. (2021). Children with Amalgam Dental Restorations Have Significantly Elevated Blood and Urine Mercury Levels. *Toxicology Sciences*, 184(1, November 2021), 104-126.
- Yin, L., Siracusa, J. S., Measel, E., Guan, X., Edenfield, C., Liang, S., Yu, X. (2020). High-Content Image-Based Single-Cell Phenotypic Analysis for the Testicular Toxicity Prediction Induced by Bisphenol A and Its Analogs Bisphenol S, Bisphenol AF, and Tetrabromobisphenol A in a Three-Dimensional Testicular Cell Co-culture Model. *Toxicological Sciences*, 173(2), 313--335.
- Johnson, J. M., Naeher, L. P., Yu, X., Sosnoff, C., Wang, L., Rathbun, S. L., De Jes'us, V\ictor R., Xia, B., Holder, C., Mulenburg, J. L., others. (2019). A biomonitoring assessment of secondhand exposures to electronic cigarette emissions. *International journal of hygiene and environmental health*, 222(5), 816--823.
- (2019). NaCl Nanoparticles as a Cancer Therapeutic. *Adv. Mater.*
- (2019). High-content image-based single-cell phenotypic analysis for the testicular toxicity prediction induced by bisphenol A and its analogs bisphenol S, bisphenol AF, and

- tetrabromobisphenol A in a three-dimensional testicular cell co-culture model. *Toxicological Sciences*.
- (2018). Air monitoring at large public electronic cigarette events. *International journal of hygiene and environmental health*, 221, 541-547.
- (2018). Arsenic-induced apoptosis in the p53-proficient and p53-deficient cells through differential modulation of NFkB pathway. *Food and Chemical Toxicology*, 118, 849-860.
- (2018). Diazinon exposure activated transcriptional factors CCAAT- enhancer-binding proteins a (C/EBPa) and peroxisome proliferator-activated receptor y (PPARy) and induced adipogenesis in 3T3-LI preadipocytes. *Pesticide Biochemistry and Physiology*, 150, 48-58.
- (2018). Effects of Bisphenol A and its Analogs on Reproductive Health: A Mini-Review. *Reproductive Toxicology*, 79, 96-123.
- (2018). Manipulation of Single Cells Using a Ferromagnetic Nanorod Cluster Actuated by Weak AC Magnetic Fields. *Adv. Biosys*.
- (2017). Elevated Nicotine Dependence Scores among Electronic Cigarette Users at an Electronic Cigarette Convention Journal of Community Health. *Journal of Community Health*.
- Yu, X. (2017). From the Cover: An animal-free in vitro testicular cells co-culture model for evaluation male reproductive toxicants. *Tox Sci*.
- (2017). High-content Analysis Provides Mechanistic Insights into the Testicular Toxicity of Bisphenol A and Selected Analogues in Mouse Spe1matogonial Cells. *Toxicol. Sci*, 134, 213-225.
- (2016). Associations of blood mercury, inorganic mercury, methyl mercury and bisphenol A with dental surface restorations in the U.S. population. *Ecotoxicol Environ Saf*.
- (2016). Benzyl butyl phthalate promotes adipogenesis in 3T3-LI preadipocytes: A High Content Cellomics and metabolomic analysis. *Toxicology in vitro*, 32, 297-309.
- (2015). Comparison of toxicogenomic responses to phthalate ester exposure in an organotypic testis co-culture model and responses observed in vivo. *Reproductive Toxicology*, 58, 149-159.
- (2015). Occupational Health Hazards among Healthcare Workers in Kampala, Uganda. *Journal of Environmental and Public Health*.
- (2015). Physiologically based pharmacokinetic modeling for 1- bromopropane in F344 rats using gas uptake inhalation experiments. *Toxicol Sci*.
- (2014). Effect of dipentyl phthalate in 3-dimensional in vitro testis co-culture is attenuated by cyclooxygenase-2 inhibition. *JTEHS*, 6, 161-169.
- (2014). Melphalan, alone or conjugated to an FSH-beta peptide, kills murine testicular cells in

- in vitro and transiently suppresses murine spermatogenesis in vivo. *Theriogenology*, 82, 152-9.
- (2014). Species and sex-dependent toxicokinetics of 1-bromopropane: the role of hepatic cytochrome P450 oxidation and glutathione (GSH). *Xenobiotica*, 44, 644-56.
- (2014). Stage-specific signaling pathways during murine testis development and spermatogenesis: A pathway-based analysis to quantify developmental dynamics. *Reprod Toxicol*, 51C, 31-39.
- (2013). In vitro Testicular Toxicity Models: Opportunities for Advancement via Biomedical Engineering Techniques. *ALTEX*, 30(3), 353-77.
- (2013). Preparation of Rodent Testis Co-Cultures. *Current Protocols in Toxicology*, 16.1, 16-Jan.
- Yu, X. (2013). The glutathione synthesis gene Gclm modulates amphiphilic polymer-coated CdSe/ZnS quantum dot- induced lung inflammation in mice. *PLoS One*.
- (2011). Cadmium-induced p53 dependent activation of stress signaling, accumulation of ubiquitinated proteins and apoptosis in mouse embryonic fibroblast cells. *Toxicol Sci*, 120(2), 403-12.
- (2011). Metals Induced Disruption of Ubiquitin Proteasome System, Activation of Stress Signaling and Apoptosis. *In Cellular Effects of Heavy Metals*, 287-307.
- (2010). A System-Based Comparison of Gene Expression Reveals Alterations in Oxidative Stress, Disruption of Ubiquitin--Proteasome System and Altered Cell Cycle Regulation after Exposure to Cadmium and Methylmercury in Mouse Embryonic Fibroblast. *Toxicol Sci*, 114(2), 356-377.
- (2010). A Systems-Based Approach to Investigate Dose- and Time-Dependent Methylmercury-Induced Gene Expression Response in C57BL/6 Mouse Embryos Undergoing Neurulation. *Birth Defects Research Part B-Developmental and Reproductive Toxicology*, 89(3), 188-200.
- (2010). Arsenic- and cadmium- induced toxicogenomic response in mouse embryos undergoing neurulation. *Toxicol Appl Pharmacol*.
- (2010). Embryonic toxicokinetic and dynamic differences underlying strain sensitivity to cadmium during neurulation. *Reproductive Toxicology*, 29(3), 279-285.
- (2010). Integrating Genetic and Toxicogenomic Information for Determining Underlying Susceptibility to Developmental Disorders. *Birth Defects Research Part a-Clinical and Molecular Teratology*, 88(10), 920-930.
- (2010). Methylmercury induced toxicogenomic response in C57 and SWV mouse embryos undergoing neural tube closure. *Reproductive Toxicology*, 30(2), 284-291.
- (2010). Toxicogenomic profiling in maternal and fetal rodent brains following gestational exposure to chlorpyrifos. *Toxicol Appl Pharmacol*, 245(3), 310-325.

- (2009). Cadmium-Induced Differential Toxicogenomic Response in Resistant and Sensitive Mouse Strains Undergoing Neurulation. *Toxicol Sci*, 107(1), 206-219.
- (2009). Improving in vitro Sertoli cell/gonocyte co- culture model for assessing male reproductive toxicity: Lessons learned from comparisons of cytotoxicity versus genomic responses to phthalates. *Toxicology and Applied Pharmacology*, 239(3), 325-336.
- (2008). Cadmium-induced activation of stress signaling pathways, disruption of ubiquitin-dependent protein degradation and apoptosis in primary rat Sertoli cell- gonocyte cocultures. *Toxicol Sci*, 104(2), 385-396.
- Yu, X. (2008). Gene expression profiling analysis reveals arsenic-induced cell cycle arrest and apoptosis in p53-proficient and p53-deficient cells through differential gene pathways. *Toxicol Appl Pharmacol*, 233(3), 389-403.
- Yu, X. (2006). A system based approach to identify potential signalling pathways during gonad development from microarray data. *Birth Defects Research Part a-Clinical and Molecular Teratology*, 76(5), 339-339.
- Yu, X. (2006). A system-based approach to interpret dose- and time-dependent microarray data: Quantitative integration of gene ontology analysis for risk assessment. *Toxicol Sci*, 92(2), 560-577.
- (2006). Association of cell cycle regulatory proteins with cell cycle exit and differentiation in mouse embryonic midbrain neuronal precursor cells. *Neurotoxicology*, 27(5), 929-930.
- (2006). Cell cycle inhibition by sodium arsenite in primary embryonic rat midbrain neuroepithelial cells. *Toxicol Sc*, 89(2), 475-484.
- (2005). Essential role of extracellular matrix (ECM) overlay in establishing the functional integrity of primary neonatal rat sertoli cell/gonocyte co- cultures: An improved In vitro model for assessment of male reproductive toxicity. *Toxicol Sci*, 84(2), 378-393.
- (2004). A survey on exposure level, health status, and biomarkers in workers exposed to 1-bromopropane. *American Journal of Industrial Medicine*, 45(1), 63-75.
- (2003). Dose-dependent biochemical changes in rat central nervous system after 12-week exposure to 1-bromopropane. *Neurotoxicology*, 24(2), 199-206.
- (2003). Exposure to 1-bromopropane causes ovarian dysfunction in rats. *Toxicol Sci*, 71(1), 96-103.
- (2002). Biochemical changes in the central nervous system of rats exposed to 1-bromopropane for seven days. *Toxicol Sci*, 67(1), 114-120.
- Yu, X. (2002). Stevens-Johnson syndrome accompanied by acute hepatitis in workers exposed to trichloroethylene or tetrachloroethylene. *Sangyo Eiseigaku Zasshi*, 4(2), 33-49.
- (2001). Involvement of Bcl-2 family genes and Fas signaling system in primary and secondary male germ cell apoptosis induced by 2-bromopropane in rat. *Toxicol Appl Pharmacol*,

- 174(1), 35-48.
- (2001). Neurotoxicity of 2-bromopropane and 1-bromopropane, alternative solvents for chlorofluorocarbons. *Environmental Research*, 85(1), 48-52.
- (2001). Urinary 8-oxo-7, 8-dihydro-2'-deoxyguanosine and biopyrrins levels among construction workers with asbestos exposure history. *Industrial Health*, 39(2), 186-188.
- (2000). 1-bromopropane, an alternative to ozone layer depleting solvents, is dose-dependently neurotoxic to rats in long-term inhalation exposure. *Toxicol Sci*, 55(1), 116-123.
- (2000). Reproductive toxicity of 1-bromopropane, a newly introduced alternative to ozone layer depleting solvents, in male rats. *Toxicol Sci*, 54(2), 416-423.
- Yu, X. (1999). 2-bromopropane causes ovarian dysfunction by damaging primordial follicles and their oocytes in female rats. *Toxicol Appl Pharmacol*, 159(3), 185-193.
- (1999). Effect of inhalation exposure to 2-bromopropane on the nervous system in rats. *Toxicology*, 135(3-Feb), 87-93.
- (1999). Flow Cytometric Analysis of the Toxicity of Nitrofen in Cultured Keratinocytes. *Biomed Environ Sci*, 12(2), 144-9.
- (1999). Occupational health survey on workers exposed to 2-bromopropane at low concentrations. *American Journal of Industrial Medicine*, 35(5), 523-531.
- (1998). Physiologically based pharmacokinetic modeling of metabolic interactions between n-hexane and toluene in humans. *Journal of Occupational Health*, 40(4), 293-301.
- (1998). Preliminary report on the neurotoxicity of 1-bromopropane, an alternative solvent for chlorofluorocarbons. *Journal of Occupational Health*, 40(3), 234-235.
- (1998). Urinary 2,5-hexanedione increases with potentiation of neurotoxicity in chronic coexposure to n-hexane and methyl ethyl ketone. *International Archives of Occupational and Environmental Health*, 71(2), 100-104.
- Yu, X. (1997). 2-bromopropane-induced hypoplasia of bone marrow in male rats. *Journal of Occupational Health*, 39(3), 228-233.
- (1997). Disruption in ovarian cyclicity due to 2-bromopropane in the rat. *Journal of Occupational Health*, 39(1), 4-Mar.
- Yu, X. (1997). Histopathologic findings of bone marrow induced by 2-bromopropane in male rats. *Journal of Occupational Health*, 39(2), 81-82.
- (1997). Ovarian toxicity of 2-bromopropane in the non-pregnant female rat. *Journal of Occupational Health*, 39(2), 144-149.
- Yu, X. (1997). Testicular and hematopoietic toxicity of 2-bromopropane, a substitute for ozone layer-depleting chlorofluorocarbons. *Journal of Occupational Health*, 39(1), 57-63.

- (1994). The Influence of in vitro methods and receptor fluids on the percutaneous absorption and validation of a new in vitro model. *Biomedical Environmental Science*, 7, 132-36.
- (1993). Biological monitoring of workers exposed to nitrofen and experimental study on its skin permeability. *Chinese Journal of Preventive Medicine*, 27(4), 288-91.
- (1993). Flow-through diffusion cell as an in vitro model to predict percutaneous absorption of chemicals in vitro. *Chinese Journal of Public Health*, 12(4), 224-246.
- (1993). Percutaneous absorption of nitrofen in vitro: the influence of skin source. *Acta Academiae Medicinae Shanghai*, 20(5), 392-5.
- (1992). Percutaneous absorption of 3H-Huangbo extracts and 3H-Berberine. *Journal of Isotopes*, 5(1), 36-42.
- (1992). The GC/ECD determination of nitrofen in urine. *Chemical Labor Protection*, 13(2), 53-55.

Published Abstracts

- (2018). Bisphenol AF Induces Multinucleation in Mouse Spermatogonial Cells In Vitro the Toxicologist. *Bisphenol AF Induces Multinucleation in Mouse Spermatogonial Cells In Vitro the Toxicologist* (1st ed., vol. 150).
- Yu, X. (2018). Machine Learning-Based High-Content Analysis to Characterize Phenotypes Associated with the Reproductive Toxicity of Bisphenol A, Bisphenol S, Bisphenol AF, and Tetrabromobisphenol A in a Testicular Cell Co-Culture Model. The Toxicologist. *Machine Learning-Based High-Content Analysis to Characterize Phenotypes Associated with the Reproductive Toxicity of Bisphenol A, Bisphenol S, Bisphenol AF, and Tetrabromobisphenol A in a Testicular Cell Co-Culture Model. The Toxicologist* (1st ed., vol. 150).
- Yu, X. (2018). Zinc oxide and titanium dioxide nanoparticles altered blood-testis barrier dynamics in mouse Sertoli cell. The Toxicologist. *Zinc oxide and titanium dioxide nanoparticles altered blood-testis barrier dynamics in mouse Sertoli cell. The Toxicologist* (1st ed., vol. 150).
- (2017). Testicular Toxicity of Bisphenol AF: Induction of Multinucleation of Spermatogonia CURO Symposium. *Testicular Toxicity of Bisphenol AF: Induction of Multinucleation of Spermatogonia CURO Symposium*.
- (2017). An In Vitro Testicular Cells Co-Culture Model for Assessing Testicular Toxicities of Bisphenol A and Its Analogues Using High-Content Analysis. *An In Vitro Testicular Cells Co-Culture Model for Assessing Testicular Toxicities of Bisphenol A and Its Analogues Using High-Content Analysis*.
- (2017). Diazinon Promotes Adipogenesis in 3T3-L1Preadipocytes. *Diazinon Promotes Adipogenesis in 3T3-L1Preadipocytes*.
- (2016). An in vitro Testicular Cells Co-culture Model for Assessing Testicular Toxicities of BPA and its Analogues Using High-content Analysis. *An in vitro Testicular Cells Co-culture*

Model for Assessing Testicular Toxicities of BPA and its Analogues Using High-content Analysis.

- (2016). In Vitro Spermatogenesis Model for Assessing Male Reproductive Toxicity. *In Vitro Spermatogenesis Model for Assessing Male Reproductive Toxicity* (vol. 144, pp. 250).
- (2016). Diazinon Promotes Adipogenesis in 3T3-L1 Preadipocytes CURO Symposium. *Diazinon Promotes Adipogenesis in 3T3-L1 Preadipocytes CURO Symposium*.
- (2016). Cell-based High-content Analysis (HCA) Reveals Differential Effects of BPA and its Selected Analogues on Spermatogonia Stem Cells. *Cell-based High-content Analysis (HCA) Reveals Differential Effects of BPA and its Selected Analogues on Spermatogonia Stem Cells*.
- (2016). Epigenetic Regulation of Chlorpyrifos Induced Adipogenesis Using 3T3-L1 In Vitro Model. *Epigenetic Regulation of Chlorpyrifos Induced Adipogenesis Using 3T3-L1 In Vitro Model*.
- (2016). Epigenetic Regulation of Chlorpyrifos Induced Adipogenesis Using 3T3-L1 In Vitro Model. *Epigenetic Regulation of Chlorpyrifos Induced Adipogenesis Using 3T3-L1 In Vitro Model*.
- (2016). High Content Analysis (HCA) of Effects of Low-dose Cadmium on DNA Damage and Cell Cycle in Spermatogonial Stem Cells. *High Content Analysis (HCA) of Effects of Low-dose Cadmium on DNA Damage and Cell Cycle in Spermatogonial Stem Cells*.
- (2016). High Content Analysis (HCA) of Effects of Low-dose Cadmium on DNA Damage and Cell Cycle in Spermatogonial Stem Cells. *High Content Analysis (HCA) of Effects of Low-dose Cadmium on DNA Damage and Cell Cycle in Spermatogonial Stem Cells*.
- (2016). In vitro "mini-testis" model for male reproductive Toxicity: Opportunities for Advancement via Biomedical Engineering Techniques, the 7th National Congress of Toxicology. *In vitro "mini-testis" model for male reproductive Toxicity: Opportunities for Advancement via Biomedical Engineering Techniques, the 7th National Congress of Toxicology*. Wuhan:.
- (2015). Environmental Exposure to Benzyl Butyl Phthalate Promotes Adipogenesis in the Preadipocyte 3T3-L1. *Environmental Exposure to Benzyl Butyl Phthalate Promotes Adipogenesis in the Preadipocyte 3T3-L1* (vol. 144, pp. 365).
- (2015). Physiologically Based Pharmacokinetic Modeling for 1- Bromopropane in Rat Using Gas Uptake Inhalation Studies. *Physiologically Based Pharmacokinetic Modeling for 1- Bromopropane in Rat Using Gas Uptake Inhalation Studies* (vol. 144, pp. 161).
- (2014). Bisphenol A (BPA) affects the spermatogenesis by disrupting gene regulations in glycomics. Society of Teratology Meeting. *Bisphenol A (BPA) affects the spermatogenesis by disrupting gene regulations in glycomics. Society of Teratology Meeting* (vol. 100, pp. 319-357).
- (2013). GO-Quant Systems-Based Quantitative Analysis of Dynamic Signaling Pathways during Neurodevelopment and Implication for Risk Assessment. *GO-Quant Systems-Based*

- Quantitative Analysis of Dynamic Signaling Pathways during Neurodevelopment and Implication for Risk Assessment* (vol. 132, pp. 154).
- (2013). Quantifying Quantum Dots in Frozen Tissue Sections Using Autometallography. *Quantifying Quantum Dots in Frozen Tissue Sections Using Autometallography* (vol. 132, pp. 508).
- (2013). Testicular Toxicity of Fluorochloridone in Adult SpragueDawley Rats. *Testicular Toxicity of Fluorochloridone in Adult SpragueDawley Rats* (vol. 132, pp. 129).
- (2012). Association between PON I genotype and phenotype and blood cholinesterase activities in farmworkers. *Association between PON I genotype and phenotype and blood cholinesterase activities in farmworkers* (vol. 116, pp. 318).
- (2012). comparative toxicogenomic responses to phthalate ester exposure in an in vitro testis co-culture model and response observed in vivo. *comparative toxicogenomic responses to phthalate ester exposure in an in vitro testis co-culture model and response observed in vivo* (vol. 116, pp. 510).
- Yu, X. (2012). Disposition of amphiphilic polymer-costedCD/SE/ZNS quantum dots and cadmium in the spleen of GCLM heterozygous and wildtype mice. *Disposition of amphiphilic polymer-costedCD/SE/ZNS quantum dots and cadmium in the spleen of GCLM heterozygous and wildtype mice* (vol. 116, pp. 296).
- (2012). Inhibition of cyclooxygenase 2 induced dipentyl phthalate toxicity in a 3-dimentiosanl in vitro rat testis co-culture model: evidence for an alternate mechanism of action. *Inhibition of cyclooxygenase 2 induced dipentyl phthalate toxicity in a 3-dimentiosanl in vitro rat testis co-culture model: evidence for an alternate mechanism of action* (vol. 116, pp. 510).
- (2011). Cytochrome p450 3A5 genotypes is correlated with acetylcholinesterase inhibition levels after exposure to organophosphate pesticides. *Cytochrome p450 3A5 genotypes is correlated with acetylcholinesterase inhibition levels after exposure to organophosphate pesticides* (vol. 115, pp. 453).
- (2011). Differential effect of chloropyrifos on epigenetic markers in proliferating and differentiation human neuronal stem cell. *Differential effect of chloropyrifos on epigenetic markers in proliferating and differentiation human neuronal stem cell* (vol. 115, pp. 539).
- (2010). Integrative Risk Assessment Methods for Engineered Nanomaterials. *Integrative Risk Assessment Methods for Engineered Nanomaterials*. Research Triangle Park, NC:.
- (2010). Poster: (presented by Faustman) Systems- Biology Approach for Characterizing and Assessing the Interaction of Developmental Disease Candidate Genes and Environmental Exposure for Risk Assessment. *Poster: (presented by Faustman) Systems- Biology Approach for Characterizing and Assessing the Interaction of Developmental Disease Candidate Genes and Environmental Exposure for Risk Assessment*. Louisville, KY:.
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Kamijima, M., Ichihara, G., Kito, J., Tsukamura, H., Maeda, K.-i., Yu, X., XIE, Z., NAKAJIMA, T., ASAEDA, N., HISANAGA, N., others. (1997). Ovarian toxicity of 2-bromopropane in the non-pregnant female rat. *Journal of Occupational Health*, 39(2), 144--149.

ICHIHARA, G., ASAEDA, N., KUMAZAWA, T., TAGAWA, Y., KAMIJIMA, M., Yu, X., KONDO, H., NAKAJIMA, T., KITO, J., YU, I. J., others. (1996). Testicular Toxicity of 2-Bromopropane. *Journal of Occupational Health*, 38(4), 205--206.

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Zhang, N., Peng, Q., Zhang, Y., Tu, C., Qin, R., Yu, X., Gong, Z., Jin, X. (1993). Syntheses of [2', 6'-3 H] nitrofen and [2', 6'-3 H] chloronitrofen. *Nuclear Techniques*, 16(1), 47--51.

Other Publications

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Yu, X., Faustman, E., Hong, S., Sidhu, J. (2003). Effects of methyl mercury and cadmium on stress signaling and ubiquitination pathways in a primary Sertoli cell-gonocyte co-culture system. *TOXICOLOGICAL SCIENCES* (vol. 72, pp. 274--274).

Yin, L., Lin, S., Summers, A. O., Roper, V., Campen, M. J., Yu, X. (2022). Children with Amalgam Dental Restorations Have Significantly Elevated Blood and Urine Mercury Levels (vol 184, pg 104, 2021). *Children with Amalgam Dental Restorations Have Significantly Elevated Blood and Urine Mercury Levels (vol 184, pg 104, 2021)* (1st ed., vol. 186, pp. 174-174).

PROFESSIONAL ORGANIZATIONS

Service to Professional Organizations

CDC Safety and Occupational Health Study Section (SOR) Ad Hoc Review Meeting Atlanta, GA	Committee Member
CDC Safety and Occupational Health Study Section (SOR) Ad	Committee Member

	Hoc Review Meeting Atlanta, GA	
	National Institute of Environmental Health Sciences (NIEHS): Study Section for review NIEHS Center Grants	Research Review Panel Member
January 2022 - Present	Society of Toxicology, Board of Publication, Toxicological Science	Committee Member
January 2021 - Present	CDC Safety and Occupational Health Study Section (SOR) Ad Hoc Review Meeting Atlanta, GA	Committee Member
July 2019 - Present	CDC Safety and Occupational Health Study Section (SOH)	Research Review Panel Member
2019 - Present	Society of Toxicology: Development and Reproductive Specialty Section	Junior Counselor
2019 - Present	Critical Reviews in Toxicology	Reviewer/Referee
2018 - Present	Society of Toxicology: Board of Publication, Toxicological Science	Chairperson
2016 - Present	PLOS ONE	Reviewer/Referee
2016 - Present	Reproductive Toxicology	Reviewer/Referee
2014 - Present	Toxicological Research	Reviewer/Referee
2013 - Present	Journal of Occupational Health	Reviewer/Referee
2013 - Present	Toxicological Sciences	Reviewer/Referee
2013 - Present	Toxicology in Vitro	Reviewer/Referee
2011 - Present	Pesticide Biochemistry and Physiology	Reviewer/Referee
January 2021 - December 2021	Society of Toxicology, Board of Publication, Toxicological Science	Committee Chair
July 2019	CDC Safety and Occupational Health Study Section (SOH) Ad. Hoc Review Meeting	Research Review Panel Member
2016 - 2018	Southeastern Regional Chapter, Society of Toxicology	Secretary/Treasurer
October 2017 - November 2017	CDC Safety and Occupational Health Study Section (SOH) Ad. Hoc Review Meeting	Research Review Panel Member
June 2015	CDC Safety and Occupational Health Study Section (SOH) Ad. Hoc Review Meeting	Research Review Panel Member
June 2013	National Institute of Environmental Health Sciences (NIEHS): Study	Research Review Panel Member

Section for review NIEHS Center
Grants

Service to Professional Publications

January 2022 - Present	Society of Toxicology, Board of Publication, Toxicological Science	Committee Member
2019 - Present	Critical Reviews in Toxicology	Reviewer/Referee
2018 - Present	Society of Toxicology: Board of Publication, Toxicological Science	Chairperson
2016 - Present	PLOS ONE	Reviewer/Referee
2016 - Present	Reproductive Toxicology	Reviewer/Referee
2015 - Present	Toxicology in Vitro	Editorial Review Board Member
2014 - Present	Toxicological Research	Reviewer/Referee
2013 - Present	Journal of Occupational Health	Reviewer/Referee
2013 - Present	Toxicological Sciences	Reviewer/Referee
2013 - Present	Toxicology in Vitro	Reviewer/Referee
2011 - Present	Pesticide Biochemistry and Physiology	Reviewer/Referee
January 2021 - December 2021	Society of Toxicology, Board of Publication, Toxicological Science	Committee Chair

Memberships

2012 - Present	American Industrial Hygiene Association
2004 - Present	Teratology Society
2002 - Present	Society of Toxicology

ACADEMIC SERVICE

The University of New Mexico

September 2021 - Present	FS-ITUC	Member
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The University of New Mexico Health Sciences Campus

June 2021 - Present	HSC Council Policy Committee	Member
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The University of New Mexico College of Nursing

September 2021 - Present	Faculty Affairs Committee	Treasurer
July 2020 - Present	Senior Faculty Committee	Member

Other University Service

2014 - 2020	University of Georgia GA	Search Committee Member for Recruiting New Faculty in EHS, Member
2013 - 2020	University of Georgia GA	Graduate Admission Committee of EHS, Member
August 2014 - May 2017	University of Georgia GA	Graduate School Council, Member
2013 - 2016	University of Georgia College of Public Health GA	College of Public Health MPH Educational Committee, Member

TEACHING AND MENTORING**Current Teaching Responsibilities:**

NURS 239: Pathophysiology I	Spring, 2023 Fall, 2022 Spring, 2022 Fall, 2021
NURS 526: Adv Pathophysiology	Summer, 2022 Summer, 2021
NURS 711: Advanced Pathophysiology	Fall, 2023

Past Teaching Responsibilities

EHSC 2020: Introductory Environmental
Health Science
University of Georgia College of Public Health
EHSC 4350/6350: Environmental Chemistry
University of Georgia College of Public Health
EHSC 6910: VPHY Introductory Toxicology
University of Georgia College of Public Health
EHSC 7010: Fundamentals of Environmental
Health Science
University of Georgia College of Public Health
EHSC 7490: Principles of Toxicology
University of Georgia College of Public Health
EHSC 8010/8020: Advanced Topics in
Environmental Health Science
University of Georgia College of Public Health
EHSC 8030: EHS Departmental Seminars
University of Georgia College of Public Health
EHSC 8550: Development and Reproductive
Toxicology
University of Georgia College of Public Health
PHRM 8940: VPHY 8940 Organ Systems

Toxicology

University of Georgia College of Public Health EHSC 7150/7150L: Occupational Hygiene and Safety	Spring, 2020
University of Georgia College of Public Health EHSC 4100/6100/4100/6100L: Industrial Hygiene	Fall, 2019
University of Georgia College of Public Health EHSC 8400: Occupational and Environmental Diseases	Spring, 2019
University of Georgia College of Public Health EHSC 4100/6100/4100/6100L: Industrial Hygiene	Fall, 2018
University of Georgia College of Public Health EHSC 7150/7150L: Occupational Hygiene and Safety	Spring, 2018
University of Georgia College of Public Health EHSC 4100/6100/4100/6100L: Industrial Hygiene	Fall, 2017
University of Georgia College of Public Health EHSC 8400: Occupational and Environmental Diseases	Spring, 2017
University of Georgia College of Public Health EHSC 4100/6100/4100/6100L: Industrial Hygiene	Fall, 2016
University of Georgia College of Public Health EHSC 7150/7150L: Occupational Hygiene and Safety	Spring, 2016
University of Georgia College of Public Health EHSC 4100/6100/4100/6100L: Industrial Hygiene	Fall, 2015
University of Georgia College of Public Health EHSC 8400: Occupational and Environmental Diseases	Spring, 2015
University of Georgia College of Public Health EHSC 4100/6100/4100/6100L: Industrial Hygiene	Fall, 2014
University of Georgia College of Public Health EHSC 7150/7150L: Occupational Hygiene and Safety	Spring, 2014
University of Georgia College of Public Health EHSC 4100/6100/4100/6100L: Industrial Hygiene	Fall, 2013
University of Georgia College of Public Health EHSC 8400: Occupational and Environmental Diseases	Spring, 2013
University of Georgia College of Public Health EHSC 4100/6100/4100/6100L: Industrial Hygiene	Fall, 2012
University of Georgia College of Public Health EHSC 7150/7150L: Occupational Hygiene	Spring, 2012

and Safety
University of Georgia College of Public Health

Guest Lectures

December 2020 - Present	Department of Pharmaceutical Sciences Albuquerque, NM	Advancing the Biomedical Research through the integration of 3D Cell Culture Model and Single Cell-b
October 2020 - Present	Autophagy, Inflammation and metabolism Center (AIM) Albuquerque, NM	Advancing the Biomedical Research through the use of 3D Cell Culture Model and High Content Image An
October 2015	Nanking Medical University Nanking, China	Chemical Risk Assessment: Emerging Alternatives to Ozone-depleting Substances

PRE-DOCTORAL STUDENTS SUPERVISED OR MENTORED:

	Visiting Scientists	Ping Xiao	Shanghai, China
	Visiting Scientists	Other Candidate	Shanghai, China
	Visiting Scientists	Xinyu Hong	Shanghai, China
	Visiting Scientists	Other Candidate	China
2018 - Present	Graduate Student Advisory Committee Member	Davis Reardon	Associate Professor
2018 - Present	Graduate Student Advisory Committee Member	Katherine Anne Watkins	Associate Professor
2018 - Present	Graduate Student Advisory Committee Member	Katie Kearns	Associate Professor
2014 - 2018	Graduate Student Advisory Committee Member	Jona Ogden	Associate Professor
2017	Supervised Research	Adrienne Marguerite Smith	Associate Professor
2017	Supervised Research	Other Candidate	Professor
2017	Supervised Research	John Donald Kotval	Associate Professor
2017	Supervised Research	MPH Candidate	Professor
2017	Supervised Research	Kyle William	Associate Professor
2017	Supervised Research	MPH Candidate	Professor
2017	Undergraduate Research Student	Alan Kim	Associate Professor
2017	Undergraduate Research Student	Candidate	Professor
2017	Undergraduate Research Student	Huang Hannah	Associate Professor
2017	Undergraduate Research Student	Candidate	Professor
2017	Undergraduate Research Student	Marshae Nickleberry	Associate Professor
2017	Undergraduate Research Student	Candidate	Professor
2017	Undergraduate Research Student	Nicole Pemu	Associate Professor
2017	Undergraduate Research Student	Candidate	Professor
2017	Undergraduate Research Student	Ushna Syed	Associate Professor
2017	Undergraduate Research Student	Candidate	Professor
2016 - 2017	Visiting Scientists	Meijun Huo	
2016 - 2017	Visiting Scientists	Other Candidate	
2016 - Present	Graduate Student Advisory Committee Member	Ruth N Wangia	Associate Professor
2016 - Present	Graduate Student Advisory Committee Member	Candidate	Professor

2016	Supervised Research	Andrea Williams MPH Candidate	Associate Professor
2016	Supervised Research	Brittany Stuart MPH Candidate	Associate Professor
2016	Supervised Research	Brooks Bolton Moeller MPH Candidate	Associate Professor
2016	Supervised Research	Megan Jennifer Robertson MPH Candidate	Associate Professor
2016	Supervised Research	Rachael Nicole Parr MPH Candidate	Associate Professor
2016	Undergraduate Research Student	Emma Leah Ospelt Candidate	Associate Professor
2016	Undergraduate Research Student	Jacob Aaron Goodman Candidate	Associate Professor
2016	Undergraduate Research Student	Jacob Steven Siracusa Candidate	Associate Professor
2013 - 2016	Graduate Student Advisory Committee Member	Rabat Wadhwa Desai Candidate	Associate Professor
2015 - 2016	Undergraduate Research Student	Tanzilal Zahan Mowla Candidate	Associate Professor
2015	Supervised Research	Hongye Wei MS Candidate	Associate Professor
2015	Supervised Research	Scott Sapp MPH Candidate	Associate Professor
2015	Undergraduate Research Student	Caroline Marie Hansford Candidate	Associate Professor
2015 - Present	Undergraduate Research Student	Emily Measley Candidate	Associate Professor
2015	Undergraduate Research Student	Vincent Gonzalez Candidate	Associate Professor
2015	Visiting Scientists	Jianhai Zhang Other Candidate	
2013 - 2015	Graduate Student Advisory Committee Member	Chen Chen Candidate	Associate Professor
2013 - 2015	Graduate Student Advisory Committee Member	Jun Zhou Candidate	Associate Professor
2014	Supervised Research	Fauzan Rofiq MPH Candidate	Associate Professor
2014	Supervised Research	Joseph Edwin Sarisky MPH Candidate	Associate Professor
2012 - 2013	Visiting Scientists	Leirui Xu Other Candidate	
2010 - 2012	Graduate Student Advisory Committee Member	H Kim MS Candidate	Assistant Professor
2009 - 2012	Undergraduate Research Student	J Park Other Candidate	Assistant Professor
2008 - 2012	Undergraduate Research Student	RT Ng Other Candidate	Assistant Professor
2009 - 2010	Undergraduate Research Student	H Kim Other Candidate	Assistant Professor
2004 -	Graduate Student Advisory	J Robinson	Assistant

2010	Committee Member	Other Candidate	Professor
2008 -	Undergraduate Research	Q Le	Assistant
2009	Student	Other Candidate	Professor
2008 -	Undergraduate Research	Y. C Hwang	Assistant
2009	Student	Other Candidate	Professor
2008 -	Undergraduate Research	Y. S Hwang	Assistant
2009	Student	Other Candidate	Professor
2007 -	Undergraduate Research	D Masi	Assistant
2008	Student	Other Candidate	Professor
2006 -	Undergraduate Research	T Luu	Assistant
2008	Student	Other Candidate	Professor
2003 -	Graduate Student Advisory	Craig Tin	Assistant
2004	Committee Member	MS Candidate	Professor

DOCTORAL STUDENT DISSERTATIONS AND PROJECTS:

	Visiting Scientists	Ping Xiao Other Candidate	Shanghai, China
	Visiting Scientists	Xinyu Hong Other Candidate	Shanghai, China
2019 - Present	Postdoctoral Research Supervision	Ruomning Wang University of Georgia PhD Candidate	Associate Professor
2019 - Present	Postdoctoral Research Supervision	Xiangyu Zhang University of Georgia PhD Candidate	Associate Professor
2018 - Present	Graduate Student Advisory Committee Member	Davis Reardon University of Georgia Candidate	Associate Professor
2018 - Present	Graduate Student Advisory Committee Member	Katherine Anne Watkins University of Georgia Candidate	Associate Professor
2018 - Present	Graduate Student Advisory Committee Member	Katie Kearns University of Georgia Candidate	Associate Professor
2018 - Present	Postdoctoral Research Supervision	Robert Clayton Edenfield University of Georgia PhD Candidate	Associate Professor
2014 - 2018	Graduate Student Advisory Committee Member	Jona Ogden University of Georgia Candidate	Associate Professor
2017 - Present	Postdoctoral Research Supervision	Jacob Steven Siracusa University of Georgia PhD Candidate	Associate Professor

2017	Supervised Research	Adrienne Marguerite Smith University of Georgia Other Candidate	Associate Professor
2017	Supervised Research	John Donald Kotval University of Georgia MPH Candidate	Associate Professor
2017	Supervised Research	Kyle William University of Georgia MPH Candidate	Associate Professor
2017	Undergraduate Research Student	Alan Kim University of Georgia Candidate	Associate Professor
2017	Undergraduate Research Student	Huang Hannah University of Georgia Candidate	Associate Professor
2017	Undergraduate Research Student	Marshae Nickleberry University of Georgia Candidate	Associate Professor
2017	Undergraduate Research Student	Nicole Pemu University of Georgia Candidate	Associate Professor
2017	Undergraduate Research Student	Ushna Syed University of Georgia Candidate	Associate Professor
2016 - 2017	Supervised Research	Shenxuan Liang University of Georgia PhD Candidate	Associate Professor
2016 - 2017	Visiting Scientists	Meijun Huo Other Candidate	
2016 - Present	Graduate Student Advisory Committee Member	Ruth N Wangia University of Georgia Candidate	Associate Professor
2016	Supervised Research	Andrea Williams University of Georgia MPH Candidate	Associate Professor
2016	Supervised Research	Brittany Stuart University of Georgia MPH Candidate	Associate Professor
2016	Supervised Research	Brooks Bolton Moeller University of Georgia MPH Candidate	Associate Professor
2016	Supervised Research	Megan Jennifer Robertson University of Georgia MPH Candidate	Associate Professor
2016	Supervised Research	Rachael Nicle Parr University of Georgia MPH Candidate	Associate Professor

2016	Undergraduate Research Student	Emma Leah Ospelt University of Georgia Candidate	Associate Professor
2016	Undergraduate Research Student	Jacob Aaron Goodman University of Georgia Candidate	Associate Professor
2016	Undergraduate Research Student	Jacob Steven Syracusa University of Georgia Candidate	Associate Professor
2013 - 2016	Graduate Student Advisory Committee Member	Rabat Wadhwa Desai University of Georgia Candidate	Associate Professor
2015 - 2016	Undergraduate Research Student	Tanzilal Zahan Mowla University of Georgia Candidate	Associate Professor
2015	Supervised Research	Hongye Wei University of Georgia MS Candidate	Associate Professor
2015	Supervised Research	Scott Sapp University of Georgia MPH Candidate	Associate Professor
2015	Undergraduate Research Student	Caroline Marie Hansford University of Georgia Candidate	Associate Professor
2015 - Present	Undergraduate Research Student	Emily Measley University of Georgia Candidate	Associate Professor
2015	Undergraduate Research Student	Vincent Gonzalez University of Georgia Candidate	Associate Professor
2015	Visiting Scientists	Jianhai Zhang Other Candidate	
2013 - 2015	Graduate Student Advisory Committee Member	Chen Chen University of Georgia Candidate	Associate Professor
2013 - 2015	Graduate Student Advisory Committee Member	Jun Zhou University of Georgia Candidate	Associate Professor
2014	Supervised Research	Fauzan Rofiq University of Georgia MPH Candidate	Associate Professor
2014	Supervised Research	Joseph Edwin Sarisky University of Georgia	Associate Professor

2012 - 2013	Visiting Scientists	MPH Candidate Leirui Xu	
2010 - 2012	Graduate Student Advisory Committee Member	Other Candidate H Kim University of Washington	Assistant Professor
2010 - 2012	Graduate Student Advisory Committee Member	MS Candidate S Harris University of Washington	Assistant Professor
2009 - 2012	Graduate Student Advisory Committee Member	PhD Candidate S Wegner University of Washington	Assistant Professor
2009 - 2012	Undergraduate Research Student	PhD Candidate J Park University of Washington	Assistant Professor
2008 - 2012	Undergraduate Research Student	Other Candidate RT Ng University of Washington	Assistant Professor
2007 - 2012	Graduate Student Advisory Committee Member	Other Candidate J Port University of Washington	Assistant Professor
2006 - 2012	Graduate Student Advisory Committee Member	PhD Candidate Z Guerrette University of Washington	Assistant Professor
2009 - 2010	Undergraduate Research Student	PhD Candidate H Kim University of Washington	Assistant Professor
2004 - 2010	Graduate Student Advisory Committee Member	Other Candidate J Robinson University of Washington	Assistant Professor
2008 - 2009	Undergraduate Research Student	Other Candidate Q Le University of Washington	Assistant Professor
2008 - 2009	Undergraduate Research Student	Other Candidate Y. C Hwang University of Washington	Assistant Professor
2008 - 2009	Undergraduate Research Student	Other Candidate Y. S Hwang University of Washington	Assistant Professor
		Other Candidate	

2007 - 2008	Undergraduate Research Student	D Masi University of Washington Other Candidate	Assistant Professor
2006 - 2008	Undergraduate Research Student	T Luu University of Washington Other Candidate	Assistant Professor
2003 - 2004	Graduate Student Advisory Committee Member	Craig Tin University of Washington MS Candidate	Assistant Professor

POST-DOCTORAL FELLOWS SUPERVISED:

2019 - Present	Postdoctoral Research Supervision	Ruomning Wang PhD Candidate	Associate Professor
2019 - Present	Postdoctoral Research Supervision	Xiangyu Zhang PhD Candidate	Associate Professor
2018 - Present	Postdoctoral Research Supervision	Robert Clayton Edenfield PhD Candidate	Associate Professor
2017 - Present	Postdoctoral Research Supervision	Jacob Steven Siracusa PhD Candidate	Associate Professor