

Wang, Jun

Ph.D., P.E., Assistant professor

Department of Occupational and Environmental Health

College of Public Health

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EDUCATION

Ph.D. in Environmental Engineering, University of Florida, 2009-2013

MBA, Master of Business Administration, University of Oklahoma, 2015-

M.S. in Environmental Management and Economics, Nankai University, 2006-2009

B.S. in Environmental Engineering, Nankai University, 2002-2006

RESEARCH INTERESTS

Laboratory for Aerosol Exposure Science and Engineering Control (LAESEC)

- Formation mechanism and exposure measurement of aerosol and other airborne pollutants:
 - From metal processing (welding, cutting, etc.)
 - From low-cost micro-manufacturing (3-D fabrication)
- Pulmonary toxicity (cytotoxicity, bioavailability, respiratory deposition) of aerosols.
- Next-generation engineering detection and control to reduce occupational inhalation exposure.
- Interdisciplinary approach to solve public and environmental health issues:
 - Food safety issues (food containers, contaminated seafood).
 - Integrated worker wellness and health programs (food truck and restaurant workers).
 - International development of occupational safety and health.
 - Apply latest information technologies in engineering and health education.

EMPLOYMENT & EXPERIENCES

2013.8-present Assistant professor, Department of Occupational and Environmental Health, College of Public Health, University of Oklahoma, Oklahoma City, OK.

2009.8-2013.8 Graduate research assistant, Department of Environmental Engineering Sciences, University of Florida, Gainesville, FL.

2006.9-2009.6 Graduate research assistant, College of Environmental Science and Engineering, Nankai University, Tianjin, P.R. China.

CERTIFICATIONS & TRAININGS

Professional Certification

- Certified in Public Health (CPH, NBPHE #12066)
- Professional Engineer (PE, Oklahoma Board #28816)
- Certified Industrial Hygienist (exam scheduled for 10/2017)

Training Completed & Workshops Attended

- OUHSC Faculty Leadership Fellow Program (Oklahoma City, OK, 2016-2017)
- Bayesian Statistics Methods Training (Oklahoma City, OK, 2016.5)
- AIHA Leadership Workshop (Fall Church, VA, 2016.1)
- Ethics for the EHS Professional (Webinar, 2015.10)
- Introduction to Mammalian Cell Culture Techniques (Gainesville, FL, 2011.7)

PROFESSIONAL MEMBERSHIPS & SERVICES

Associations & Conferences

- Air & Waste Management Association (A&WMA, 2008-2014, #1005483)
 - Poster abstract reviewer (2013), platform paper award judge (2014).
 - Secretary, the University of Florida section (2010)
- American Association for Aerosol Research (AAAR, 2010-, #3285378)
 - Committee: education (2015-), internet (2016-).
 - Working groups: control technology (2011-), indoor aerosol and aerosol exposure (2014-), health-related aerosol (2014-).
 - Annual meeting session chair (2012-2014, 2016), student poster judge (2013-2015), tutor lecturer (2016).
 - Founding president, the University of Florida section (2011)
- American Industrial Hygiene Association (AIHA, 2012-, #206993)
 - Conference committee (2017-2020)
 - Secretary (2015), vice chair (2016), chair (2017) aerosol technology committee.
 - Committees: aerosol technology (2013-), nanotechnology (2014-), risk assessment (2012-).
 - American Industrial Hygiene Foundation scholarship advisory committee (2017-)
 - PDC and technical sessions reviewer (2016-), student poster abstract review committee (2016-2017).
 - Annual conference session moderator (2017)
 - Member of Oklahoma Local Section (OK-AIHA, 2015-)
- Association of Environmental Engineering & Science Professors (AEESP, 2015-2017)

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- American Conference of Governmental Industrial Hygienists (ACGIH, 2016-, #316302)
- American Public Health Association (APHA, 2015-2016, #9988492)
 - Sections: environmental (2015-), occupational health & safety (2015-).
 - Student poster judge (2015).
- Chinese-American Professors in Environmental Engineering and Science (CAPEES, 2014-)
- International Society of Exposure Science (ISES, 2013-2016, #2022)
- National Environmental Health Association (NEHA, 2015-, #206800)
- Oklahoma Center for Respiratory & Infectious Diseases (OCRID, 2014-)
- Oklahoma Chinese Professional Association (OKCPA, 2013-)
- Stephenson Cancer Center (SCC, 2014-)
 - Associate member of Cancer Health Disparities Research Program.

Colleges & Local

2016.7	Summer undergraduate research mentor, OK-INBRE
2016.3	Judge, OU GREAT Symposium graduate students oral competition judge
2015.7-2016.7	Mentor, OK-INBRE Summer research program
2015.3	Judge, OU GREAT Symposium postdoctoral fellow oral competition judge
2014.10-present	Member, OU College of Public Health diversity committee.
2014.6-present	Chair, OU College of Public Health awards committee.

Ad-hoc Reviewer

Journals:	Aerosol Science & Technology, Chemical Engineering Journal, Chemical Physics, Chemosphere, Energy & Fuels, Environmental Engineering Research, Environmental Pollution, Environmental Science: Processes & Impacts (formerly known as Journal of Environmental Monitoring), Environmental Technology, Indoor and Build Environment, International Archives of Occupational and Environmental Health, International Journal of Environment and Health, International Journal of Environmental Technology and Management, Journal of Chemical Health and Safety, Journal of Engineering Manufacture, Journal of Nanoparticle Research, Journal of Occupational & Environmental Hygiene, Journal of Physics D: Applied Physics, RSC Advances, PloS One, Toxicology and Industrial Health, Toxicology Research
Grants:	Beijing Natural Science Foundation, CDC/NIOSH intramural grants, National Geographic Society
Publishing:	Elsevier Science & Technology Books

AWARDS & HONORS

Honors

- 2016.7 OU Ben Barnett Memorial fellowship
2012.5 FL-A&WMA scholarship.
2012.3 The HDR Engineering, Inc scholarship.
2011.11 UF College of Engineering outstanding academic achievement award
2011.10 The Elmer L. Hann award from the Society of NAVAL Architects and Marine Engineers (SNAME).
2011.10 UFIC outstanding international student award.
2008.11 Young Voices Award on better air quality (4 awardees worldwide).
2008.6 Nankai University graduate student award 2nd place.

Poster Presentation Award

- 2012.10 31st AAAR annual conference student poster competition winner.
2012.8 2012 SCCAEPa student best research award 3rd place.
2011.9 2011 FL-AIHA fall conference 1st place student poster award.
2010.10 2010 FL-AWMA annual conference 1st place student poster award.

Travel Grants

- 2012.9 AAAR student travel grant.
2012.8 2012 University of Florida Graduate Student Council travel funds.
2011.9 2011 University of Florida Graduate Student Council travel funds.
2011.1 NSF-CMMI travel grant.

GRANTS & PROJECTS

Pending Grants

- K01OH011530 Bridge the gap in occupational metal fume exposure and toxicity assessment
Agency: CDC/NIOSH | Role: Principal Investigator (75%) | 9/1/2017-8/31/2020

Awarded Grants

- C5093101 Fume emission and toxicity from 3-D fabrication
Total amount: \$49,996 | Period: 7/1/2016-6/30/2017
Agency: PHF | Role: Principal Investigator (15%)
- EPA 83563401-0 Balancing sustainability, clean air, healthy learning interiors, and structural safety when designing and building schools
Total amount: \$982,882 | Period: 1/1/2015-12/31/2017
Agency: USEPA | Role: Investigator (6%) | PI: Lisa Holliday 1/1/2015-12/31/2017

Completed Grants

- T42OH008421 Representativeness of chamber sampling in occupational metal fume exposure assessment
Total amount: \$9,914 | Period: 7/1/2015-6/30/2016
Agency: SWCOEH Pilot Project | Role: Principal Investigator (10%)
- C1082808 Characterization of e-cigarette emissions from current generation modifiable systems
Total amount: \$49,544 | Period: 7/1/2014-6/30/2015
Agency: OTRC | Role: Co-Investigator (6%) | PI: Evan Floyd
- BDK75-977-43 Assessment of potential concerns associated with the use of cement kiln dust in FDOT concrete mixes
Period: 4/4/2010-5/31/2013
Agency: FDOT | Role: Graduate Research Assistant | PI: Chang-Yu Wu
- WP-0903 Innovative welding technologies to control hazardous air pollutant (HAP) emissions using silicon additives
Period: 9/1/2009-08/31/2012
Agency: ESTCP | Role: Graduate Research Assistant | PI: Kathleen Paulson

PUBLICATIONS

Peer-reviewed Journal Paper ([Google scholar](#))

* *corresponding author* # *student advised*, \$ *researcher mentored*

1. Floyd, E.; Aryal, S.; **Wang, J.**; Johnson, D., Evaluation of second generation electronic cigarette batteries under representative-use conditions. Submitted to *Nicotine & Tobacco Research*, under review.
2. Li, H.; Zhang, W.; Wang, J.; Feng Y.; Shih, K., Utilization of copper slag as catalyst for Mercury Oxidation in coal combustion flue gas. Submitted to *Journal of Hazardous Materials*, under review.
3. Floyd, E.; **Wang, J.***; Regens, J., Fume emissions from a low-cost 3-D printer with various filaments. *Journal of Occupational and Environmental Hygiene* **2017** 14 (7): 523-533.
4. **Wang, J.***; Li, H.; Bezerra, M.#, Assessment of shooter's task-based exposure to airborne lead and acidic gas at indoor and outdoor ranges. Accepted by *Journal of Chemical Health and Safety*, in press, doi: 10.1016/j.jchas.2016.11.003
5. **Wang, J.***; Hoang, T.#; Floyd E.; Regens, J., Characterization of particulate fume and oxides emission from stainless steel plasma cutting. *Annals of Work Exposures and Health (formerly known as Annals of Occupational Hygiene)* **2017** 61 (3): 311-320
6. Fang, H.\$; **Wang, J.***; Lynch, R., Migration of di(2-ethylhexyl)phthalate (DEHP) and di-n-butylphthalate (DBP) from polypropylene food containers. *Food Control* **2017** 73 Part B: 1298-1302
7. Li, H.; Zhu, L.; **Wang, J.**; Li, L.; Shih, K., Development of nano-sulfide sorbent for efficient removal of elemental mercury from coal combustion fuel gas. *Environmental Science & Technology* **2016** 50 (17): 9551-9557
8. Li, H.; Wu, S; Li, L.; **Wang, J.**; Ma, W.; Shih, K., CuO-CeO₂/TiO₂ catalyst for simultaneous NO reduction and Hg⁰ oxidation at low temperatures. *Catalysis Science & Technology* **2015** 5: 5129-5138.
9. Li, H.; Wu, S.; Wu, C.-Y.; **Wang, J.**; Li, L.; Shih, K., SCR atmosphere induced reduction of oxidized mercury over CuO/CeO₂-TiO₂ catalyst. *Environmental Science & Technology* **2015** 49 (12): 7373-7379.
10. Hayes, J.; **Wang, J.**; Roessler J.; Ferraro C.; Wu, C.-Y.; Deford D.; Townsend T., Evaluation of leaching of trace metals from concrete amended with cement kiln baghouse filter dust. Resources, *Conservation and Recycling* **2015** 94: 92-98.
11. Li, H.; Wu, X.; Wang, M.; **Wang, J.**; Wu, S.; Yao, X.; Li, L., Separation of elemental sulfur from zinc concentrate direct leaching residue by vacuum distillation. *Separation and Purification Technology* **2014** 138: 41-46.
12. **Wang, J.**; Hayes, J.; Wu, C.-Y.; Townsend, T.; Schert J.; Vinson T.; Deliz K.; Bonzongo J.-C.,

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- Characterization of vapor phase mercury released from concrete processing with baghouse filter dust added cement. *Environmental Science & Technology* **2014** 48 (4): 2481-2487.
13. Jin, T.; Qu, L.; Liu, S.; Gao, J.; **Wang, J.**; Wang, F.; Zhang P.; Bai, Z.; Xu, X., Chemical characteristics of particulate matter emitted from a heavy duty diesel engine and correlation among inorganic and PAH components. *Fuel* **2014** 116: 655-661.
 14. **Wang, J.**; Wu, C.-Y.; Franke, G., Effectiveness of amorphous silica encapsulation technology on welding fume particles and its impact on mechanical properties of welds. *Materials & Design* **2014** 54: 79-86.
 15. **Wang, J.**; Jin, L.; Gao, J.; Shi, J.; Zhao, Y.; Liu, S.; Jin, T.; Bai, Z.; Wu, C.-Y., Investigation of speciated VOC in gasoline vehicular exhaust under ECE and EUDC test cycles. *Science of the Total Environment* **2013** 445-446: 110-116.
 16. **Wang, J.**; Kalivoda, M.; Guan J.; Theodore, A.; Sharby, J.; Wu, C.-Y.; Paulson, K., Es-Said, O., Double shroud delivery of silica precursor for reducing hexavalent chromium in welding fume. *Journal of Occupational and Environmental Hygiene* **2012** 9 (12): 733-742.
 17. Zhao, C.; Liu, L.; Zhang, Q.; **Wang, J.**; Li, Y., Photocatalytic conversion of CO₂ and H₂O to fuels by nanostructured Ce-TiO₂/SBA-15 composites. *Catalysis Science & Technology* **2012** 2: 2558-2568.
 18. Hall, D.; Wu, C.-Y.; Hsu, Y.-M.; Stormer, J.; Engling, G.; Capeto, K.; **Wang, J.**, Brown S.; Li, H.-W.; Yu, K.-M., PAHs, carbonyls, VOCs and PM_{2.5} emission factors for pre-harvest burning of Florida sugarcane. *Atmospheric Environment* **2012** 55: 164-172.
 19. **Wang, J.**; Topham, N.; Wu, C.-Y., Determination of silica coating efficiency on metal particles using multiple digestion methods. *Talanta* **2011** 85 (5): 2655-2661.
 20. Topham, N.; **Wang, J.**; Kalivoda, M.; Huang, J.; Yu, K.-M.; Hsu, Y.-M.; Wu, C.-Y.; Oh, S.; Cho, K.; Paulson, K., Control of Cr⁶⁺ emissions from gas metal arc welding using a silica precursor as a shielding gas additive. *Annals of Occupational Hygiene* **2011** 56 (2): 242-252.
 21. Paulson, K.; **Wang, J.**; Topham, N.; Wu, C.-Y.; Alexandrov, B.; Lippold, J.; Es-Said, O., Alternatives for joining stainless steel to reduce Cr(VI) emissions and occupational exposures. *Journal of Ship Production & Design* **2011** 27 (2): 91-97.
 22. Li, W.; Peng, Y.; Shi, J.; Qiu, W.; **Wang, J.**; Bai, Z., Particulate polycyclic aromatic hydrocarbons in the urban Northeast Region of China: Profiles, distributions and sources. *Atmospheric Environment* **2011** 45 (40): 7664-7671.
 23. Yu, K.-M.; Topham, N.; **Wang, J.**; Kalivoda, M.; Tseng, Y.; Wu, C.-Y.; Lee, W.-J.; Cho, K., Decreasing biotoxicity of fume particles produced in welding process. *Journal of Hazardous Materials* **2011** 185 (2-3): 1587-1591.

Books & Chapters

1. Zhipeng Bai, **Jun Wang**, and Yan You, Environmental Risk Assessment. Higher Education Press, Beijing, 2008.12, ISBN 978-7-04-025339-9.

- Zhipeng Bai and **Jun Wang**, Environmental Management. China Chemical Industry Press Ltd., Beijing, 2007.9, ISBN 978-7-122-00893-0.

Reports

- Assessment of potential concerns associated with the use of cement kiln dust in FDOT concrete mixes. FDOT BDK75-977-43, 05/2013.
- Innovative welding technologies to control hazardous air pollutant (HAP) emissions using silicon additives. ESTCP NO. WP-0903, 08/2012.

PRESENTATIONS & TALKS

Presentations and Conference Proceedings

** platform presentation; # poster presentation; \$ poster competition winner*

^ presented on behalf of the first author, % presented by my student or others on behalf of me

- Respirable and ultrafine aerosol emissions from a desktop laser cutter and engraver, AIHCE 2017, Seattle, WA, 2017.6 (No. 927) %
- Particulate hexavalent chromium, aerosol size distribution, and respiratory deposition of pulsed metal inert gas welding fume, AAAR 35th Annual Conference, Portland, OR, 2016.10 (No. 11.CM.4) *
- Aerosol emission from low-cost metal and thermoplastic 3-D fabrication, AAAR 35th Annual Conference, Portland, OR, 2016.10 (No. 8.AE.4) #
- A comparison of respirable welding fume aerosol exposure reduction by low-cost and commercial local exhaust ventilations, AAAR 35th Annual Conference, Portland, OR, 2016.10 (No. 11.CM.3) *
- Effects of pulse parameters on welding fume aerosol size distribution and respiratory deposition, AIHCE 2016, Baltimore, MD, 2016.5 (No. PO-120-08) *
- Aerosol and volatile organic compounds emissions from a low-cost 3-D printer, AIHCE 2016, Baltimore, MD, 2016.5 (No. PO-120-02) *
- Effects of pulse parameters on welding fume aerosol size distribution and respiratory deposition. AAAR 34th Annual Conference, Minneapolis, MN, 2015.10 (No. 8.AE.10) #%
- Volatile organic compounds and aerosol emissions from a low-cost desktop 3-D printer. AAAR 34th Annual Conference, Minneapolis, MN, 2015.10 (No. 2.IA.5) #
- Characterization of metal fume emitted from stainless steel plasma cutting. AIHCE 2015, Salt Lake City, UT, 2015.6. (No. SR-120-06) *
- A preliminary study on respiratory exhaled aerosol diagnosis of pulmonary diseases. OCRID 2nd Annual Research Retreat, Stillwater, OK, 2015.4. (No. 119) #
- Characterization of aerosols generated from stainless steel plasma cutting. AAAR 33rd Annual Conference, Orlando, FL, 2014.10 (No. 2.AE.1) #
- Assessment of lead particle and acidic gas exposure during gun firing. AIHCE 2014, San

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- Antonio, TX, 2014.6. (No. SR-124-04) *
13. Characterization of mercury in baghouse filter dust (BFD) and the release of vapor phase mercury from concrete processing, AIHCE 2014, San Antonio, TX, 2014.6. (No. SR-125-03) *
 14. A novel amorphous silica encapsulation technology for reducing the toxicity of welding fume particles. AIHCE 2014, San Antonio, TX, 2014.6. (No. SR-402-04) #
 15. Assessment of lead particle and acidic gas exposure during gun firing. AAAR 32nd Annual Conference, Portland, OR, 2013.10. (No. 8AE.8) #
 16. Characterization of Hg speciation and release from cement kiln baghouse dust, 106th A&WMA Conference and Expo, Chicago, IL, 2013.6 (No. 12761) *%
 17. Amorphous silica encapsulation on welding fume particles. AAAR 31st Annual Conference, Minneapolis, MN, 2012.10. (No. 8NM.8) #
 18. Development of silica precursor technology on reducing welding fume toxicity. AIHCE 2012, Indianapolis, IN, 2012.6. (No. SR-129-7) *
 19. Development of a novel porous membrane denuder. AIHCE 2012, Indianapolis, IN, 2012.6. (No. SR-128-3) *^
 20. Development of silica precursor Technology on reducing welding fume toxicity. 105th A&WMA Conference and Expo, San Antonio, TX, 2012.6. (No. 41) #%
 21. Decreasing Cr⁶⁺ in stainless steel welding fume using silica precursor as reducer. AAAR 30th Annual Conference, Orlando, FL, 2011.10. (No. 10D.2) *
 22. Reducing Cr⁶⁺ exposure in welding process using silica precursor technology. FL-AIHA Fall Conference, St. Augustine, FL, 2011.9. #
 23. Determination of silica coating efficiency on metal particles using multiple digestion methods. AAAR 30th Annual Conference, Orlando, FL, 2011.10. (No. 8A.4) *
 24. Application of silica precursor to reduce toxic metal emissions from stainless steel welding process. AAAR 29th Annual Conference, Portland, OR, 2010.10. (No. 3D.6) *
 25. Study of air toxics released from the pre-harvest burning of sugarcane. AAAR 29th Annual Conference, Portland, OR, 2010.10. (No. 2C.11) #^
 26. Application of silica precursor to reduce toxic metal emissions from welding process. 2010 FL-A&WMA Annual Conference, Crystal River, FL, 2010.10. #
 27. Application of silica precursor to reduce toxic metal emissions from gas metal arc welding process. 103st A&WMA Conference and Expo, Calgary, Alberta, Canada, 2010.6. (No. 154) *%
 28. Application of silica precursor to reduce toxic metal emissions from gas metal arc welding process. A&WMA International Specialty Conference, Xi'an, China, 2010.5. (pp. 419) *
 29. Study of air toxics released from the pre-harvest burning of sugarcane. A&WMA International Specialty Conference. Xi'an, China, 2010.5. (pp. 346) *^
 30. Conversion from science to policy in Asian Cities. Better Air Quality 2008, Bangkok, Thailand, 2008.11. (No. SW15.4) *
 31. Continuous On-board vehicle emission measurement system. A&WMA Air Quality

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Measurement Symposium, Chapel Hill, NC, 2008.11. *

32. Particulate matters component profile of exhaust emission from heavy duty diesel vehicle at Tianjin, China. 101st A&WMA Conference and Expo, Portland, OR, 2008.6. *

33. Development of hydrocarbon VOCs oil vapor emission control technology and management strategy. VOC Pollution Control Symposium, Beijing, China, 2008.5. *

Invited Talks

** graduate/research seminar talk; # plenary speech \$ professional development course/tutorial*

1. Emerging issues related to aerosols around globe workplace: where do they come from and how do we control them?, 1st International Occupational Health Forum, Beijing, China, 2017.8.22 #
2. Challenges and opportunities: industrial hygiene practices, research, and education in US and China, COPHSA Meeting, Oklahoma City, OK, 2016.10.26 *
3. Aerosols in the workplace: research conducted by industrial hygienists, Oklahoma Christian University, Edmond, OK, 2016.10.7 *
4. Education, practice, and research framework of industrial hygiene: a comparison between US and China, Chongqing Safety Engineering Institute, Chongqing, China, 2016.09.25 *
5. Control of indoor aerosol exposure, AAAR 35th Annual Conference, Portland, OR, 2016.10.17 \$
6. Emerging exposure and risks from low-cost metal and thermoplastic 3-D printers, 2nd China-US Occupational Health Symposium, Guangzhou, Guangdong, China, 2016.7.13 #
7. Representativeness of chamber sampling in occupational metal fume exposure assessment. NIOSH ERC PPRTP Symposium, the University of Texas School of Public Health, Houston, TX. 2016.6.3 *
8. Fume characteristics and controls from innovative welding technology and other metal fabrication processes. Central South University, School of Energy Science and Engineering, Changsha, Hunan, China, 2015.7.19 *
9. Risk assessment lesson learned from BP Deepwater Horizon oil spill. International Symposium on Marine and Aquatic Food Safety Risk Assessment, Qingdao, Shandong, China, 2015.7.14 #
10. Aerosol lung deposition model and its applications in occupational and environmental health, Chinese Research Academy of Environmental Sciences, Beijing, China, 2015.7.10 *
11. Characterization of emerging occupational aerosol exposure & development of next generation engineering controls. University of Arizona, Tucson, AZ, 2014.8.4 *

Media Appearance

1. Interviewed by AIHA Synergist "Pole to pole series", 2016.10.24

COURSE TEACHING

Occupational and Environmental Health, University of Oklahoma Health Sciences Center

Primary instructor

- 2014.1-present **OEH 6553** Occupational & Environmental Toxicology (hybrid)
Offer in Spring every year
* Course changed from 100% in-class to 75%/25% hybrid format on 2018.1
* Course number will change from OEH 6553 to OEH 5553 on 2018.1
- 2014.1-present **OEH 6752** Occupational Hazards Control
* Offer in Spring every year
* Course number will change from OEH 6752 to OEH 5752 on 2018.1
- 2016.9-present **OEH 6683** Applied Modeling Technology in Occupational and Environmental Health Research
* New course developed for doctoral students and offer in Fall biannually.
- 2014.9-2017.7 **OEH 5013** Environmental Health (online)
* Developed as an online core course and started offering in Fall every year till Summer 2017. Course redistributed to other faculty to reduce teaching load in 2017. 9

Guest lecture

- 2014.10-present **OEH 5243** Fundamentals in Industrial Hygiene & Environmental Health Sciences (Lectured "Transport and fate of air pollutants" annually)
- 2014.5-present **OEH 5743** Industrial Hygiene & Environmental Measurements (Lectured "Indoor aerosol sampling" & "Ambient particle measurement" annually)

Environmental Engineering Sciences, University of Florida

- 2012.1-2012.11 **ENV 4041C** Environmental Analysis (Lectured "Ambient PM Sampling")

SUPERVISING & MENTORING

Postdoctoral & Visiting Scholars

Occupational and Environmental Health, University of Oklahoma Health Sciences Center

- Li Fang, Zhoushan Municipal Center for Disease Control and Prevention, 2016-2017
- Heng Wang, Institute of Urban Environment, Chinese Academy of Sciences, 2015-2016
- Haiqin Fang, China National Center for Food Safety Risk Assessment, 2014-2015

Graduate Students

Occupational and Environmental Health, University of Oklahoma Health Sciences Center

Currently advising as committee chair

- Marcio Bezerra (Ph.D. student), expected graduation in 2019
Dissertation short title: "*Innovative assessment and control of Metal Fume*"
Award: 2017 Johnson Family Scholarship (COPH, inaugural)
2017 Glen R. Williamson Memorial Scholarship (AIHA-OK)
2016 Ronald L. Coleman scholarship (COPH)
2015 AAAR travel grant
2015 OSCTR summer research project awardee
- Jacob Bartels (Ph.D. student), expected graduation in 2019
Dissertation short title: "*Oxidative potential of occupational-related aerosols*"
Award: 2017 Azimi Family Scholarship (COPH, inaugural)
2017 OSCTR summer research project awardee
- Kevin O'Neil (M.S. student, NIOSH TPG trainee), expected graduation in 2017
Thesis short title: "*Respirable and ultrafine aerosol emission from laser cutting*"
Award: 2017 Delta Omega Honor Society inductee
2016 ConocoPhillips scholarship (COPH)
- Shalayne Sims (M.S. student, NIOSH TPG trainee), expected graduation in 2018
Thesis short title: "*Welding fume emission from aluminum-TIG welding*"

Graduated

- Timothy Bearden, MPH, US Army, 2017
- Tien Hoang, M.S., NIOSH TPG trainee, 2016
Thesis short title: "*Wellness and exposure of nail salon workers*"
- Robin Reddix, MPH, 2015

Advised as committee member (by last name)

Sarah Abhayagoonawardhana, M.S., Folasade Arkande, M.S., Subekchhya, Aryal, M.S.,
Cory Buchanan, M.S., Clay Enis, M.S., Doga Karyaldiz, M.S., Jack Kerr, M.S., Elizabeth Kruger,

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M.S., Abigail Lansdown, M.S., Michael Long, M.S., Curtis Martin, M.S., Taylor Saley, MPH., Anthony Van, M.S., Laine Wheatley, M.S.

Undergraduate Students

Occupational and Environmental Health, University of Oklahoma Health Sciences Center

- Jose Muniz, B.S., mentored in summer 2016 through OK-INBRE

Environmental Engineering Sciences, University of Florida

- Jessica Sharby, B.S., mentored in 2012
- Jianying Guan, B.S., mentored in 2012
- Mark Kalivoda, B.S., mentored in 2011