

AMINA SALAMOVA
Rollins School of Public Health
Emory University

1518 Clifton Rd, NE
Atlanta, Georgia, 30322 USA

Phone: (812) 855-2926 (office)
Email: amina.salamova@emory.edu

ACADEMIC APPOINTMENTS

Assistant Professor , Gangarosa Department of Environmental Health Rollins School of Public Health Emory University	2022
Associate Scientist , O’Neill School of Public and Environmental Affairs Indiana University Bloomington	2020 – 2021
Assistant Scientist , O’Neill School of Public and Environmental Affairs Indiana University Bloomington	2014 – 2020
Senior Research Scientist , Department of Chemistry Baku State University, Azerbaijan	2000 – 2002

EDUCATION

Post-doctoral training Indiana University Bloomington	2011 – 2014
Ph.D. Environmental Science Indiana University Bloomington	2011
M.S. Environmental Science Indiana University Bloomington	2004
M.S. Organic Chemistry Baku State University, Azerbaijan	2000
B.S. Chemistry Baku State University, Azerbaijan	1998

AWARDS

- Joan Daisey Outstanding Young Scientist Award, International Society of Exposure Science, 2021
- Most read paper, *Environmental Science and Technology Letters*, 2014
- Excellence in Reviewing Award, *Environmental Science and Technology*, 2012
- Muskie Freedom Support Act Graduate Fellowship, United States Department of State, 2002 – 2004

FUNDING

Ongoing:

<u>National Institute of Environmental Health Sciences, R01</u> “Restoring Northeast Cape for the Health and Well-Being of the Yupik Communities of St. Lawrence Island, Alaska” Principal Investigator	2021 – 2026 \$727,563 (total \$2,985,224)
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<u>United States Department of Agriculture</u>	2021 – 2023
“Mapping Potential Human Exposure to Per- and Polyfluoroalkyl Substances (PFAS) from Domestic and Imported Food Packaging”	\$149,278
Co-Principal Investigator	(total \$479,712)
<u>Indiana Clinical and Translational Sciences Institute</u>	2020 – 2022
“Linking Obesity and Environmental Exposures in Rural Indiana”.	\$199,632
Principal Investigator	
<u>Environmental Protection Agency</u>	
“Predicting and Communicating PFAS Exposure Risks from Rural Private Wells”	2020 – 2023
Co-Principal Investigator (PI: J. Gibson)	\$76,147
	(total \$1,610,751)
<u>National Institute of Nursing Research, R21</u>	2019 – 2022
“Assessment of Indoor Exposure to Persistent Organic Pollutants in Assisted Living Facilities in Indiana”	\$435,875
Principal Investigator	
<u>Environmental Protection Agency</u>	2019 – 2024
“Integrated Atmospheric Deposition Network: Five More Years”	\$6,651,888
Co-Principal Investigator (PI: M. Venier)	
<u>National Institute of Environmental Health Sciences, R01</u>	2017 – 2022
“Protecting the Health of Future Generations: Assessing and Preventing Exposures to Endocrine-Disrupting Flame Retardant Chemicals and Polychlorinated Biphenyls in Two Alaska Native Arctic Communities on St. Lawrence Island”	\$490,400
Sub-award Principal Investigator (PI: ACAT)	(total \$3,355,000)
<i>Completed:</i>	
<u>Environmental Protection Agency</u>	2014 – 2019
“Integrated Atmospheric Deposition Network (IADN): Five More Years”	\$6,655,237
Project Director (PI: R. Hites)	
<u>Toxic-Free Future</u> “Brominated and Organophosphate Flame Retardants in Childcare Environments”	2017 – 2019
Principal Investigator	\$6,000
<u>National Institute of Environmental Health Sciences, R15</u>	2016 – 2019
“Assessing Air Pollution Exposures among a Vulnerable Rural Disparities Population”	\$470,625
Co-Investigator (PI: M. Hendryx)	
<u>Indiana University Collaborative Research Grant</u>	
“Human Hair and Nail Analyses as Non-Invasive Biomarkers of Exposure to Brominated and Organophosphate Flame Retardants”	2014 – 2015
Principal Investigator	\$71,581

PEER-REVIEWED PUBLICATIONS

(* indicates senior / corresponding author; + indicates student or post-doctoral advisee author)

1. Zheng, G.⁺; Melo, L.; Chakraborty, R.; Klaunig, J.; **Salamova, A.*** Biotransformation of 2,4,6-tris(2,4,6-tribromophenoxy)-1,3,5-triazine (TTBP-TAZ) can contribute to high levels of 2,4,6-tribromophenol (2,4,6-TBP) in humans. *Environment International*, **2022**, 158, 106943.
2. Zheng, G.⁺; Webster, T.; **Salamova, A.*** Bioaccumulation of quaternary ammonium compounds: Evidence of increased exposure during the COVID-19 pandemic. *Environmental Science and Technology*, **2021**, 55, 14689-14698.
3. Zheng, G.⁺; Schreder, E.; Dampsey, J.; Uding, N.; Chu, V.; Andres, G.; Sathyanarayana, S.; **Salamova, A.*** Per- and polyfluoroalkyl substances (PFAS) in breast milk: Concerning trends for current-use PFAS. *Environmental Science and Technology* **2021**, 55, 7510-7520.
4. Wang, S.⁺; **Salamova, A.**; Venier, M*. The occurrence, spatial and seasonal variations, and gas-particle partitioning of atmospheric current use pesticides (CUPS) in the Great Lake basin. *Environmental Science and Technology* **2021**, 5, 3539-3548.
5. Zheng, G.⁺; Schreder, E.; Dempsey, J.; Uding, N.; Chu, V.; Andres, G.; Sathyanarayana, S.; **Salamova, A.*** Organophosphate esters and their metabolites in breast milk from the United States: Breastfeeding is an important exposure pathway for infants. *Environmental Science and Technology Letters* **2021**, 8, 224-230.
6. Hites, R.A.*; Lehman, D.C.; **Salamova, A.**; Venier, M. Temporal environmental hysteresis: A definition and implications for polybrominated diphenyl ethers. *Science of the Total Environment* **2021**, 753, 141849.
7. Wu, Y.⁺; **Salamova, A.**; Venier, M*. Using diagnostic ratios to characterize sources of polycyclic aromatic hydrocarbons in the Great Lakes atmosphere. *Science of the Total Environment* **2020**, 143240.
8. Zheng, G.⁺; Filippelli, G.; **Salamova, A.*** Increased indoor exposure to commonly used disinfectants during the COVID-19 pandemic. *Environmental Science and Technology Letters* **2020**, 7, 760-765.
9. Zheng, G.⁺; **Salamova, A.*** Are melamine and its derivatives the alternatives for per- and polyfluoroalkyl substance (PFAS) fabric treatments in infant clothes? *Environmental Science and Technology* **2020**, 54, 10207-10216.
10. Sapozhnikova, Y.*; **Salamova, A.**; Haddad, S.; Luers, M.; Brooks, B. Spatial and seasonal occurrence of pesticides and environmental contaminants in fish tissues influenced by snowmelt and municipal effluent discharge. *Science of the Total Environment* **2020**, 737, 140222.
11. Wu, Y.⁺; Venier, M.; **Salamova, A.*** Spatioseasonal variations and partitioning behavior of organophosphate esters in the Great Lakes atmosphere. *Environmental Science and Technology* **2020**, 54, 5400-5408.
12. Zheng, G.⁺; Miller, P.; von Hippel, F.; Buck, C. L.; Carpenter, D.; **Salamova, A.*** Legacy and emerging semi-volatile organic compounds in sentinel fish from an Arctic formerly used defense site in Alaska. *Environmental Pollution* **2020**, 259, 113872.
13. Wang, S.⁺; Romanak, K.; Hendryx, M.; **Salamova, A.***; Venier, M. Associations between thyroid function and exposures to brominated and organophosphate flame retardants in Central Appalachia. *Environmental Science and Technology* **2020**, 54, 325-334.
14. Hendryx, M.*; Wang, S.⁺; Romanak, K.; **Salamova, A.**; Venier, M. Personal exposure to polycyclic aromatic hydrocarbons in Appalachian mining communities. *Environmental Pollution* **2020**, 257, 113501.
15. Zheng, G.⁺; Boor, B.; Schreder, E.; **Salamova, A.*** Indoor exposure to per- and polyfluoroalkyl substances (PFAS) in the childcare environment. *Environmental Pollution* **2020**, 258, 113714.
16. Zheng, G.⁺; Boor, B.; Schreder, E.; **Salamova, A.*** Melamine and its derivatives in U.S. childcare environments. *Chemosphere* **2020**, 244, 125505.
17. Wang, S.⁺; Romanak, K. A.; Stubbings, W. A.⁺; Arrandale, V. H.; Diamond, M. L.; Hendryx, M.; **Salamova, A.**; Venier, M.* Silicone wristbands integrate dermal and inhalation exposures to semi-volatile organic compounds (SVOCs). *Environment International* **2019**, 132, 105104.

18. Venier, M.; **Salamova, A.**; Hites, R. A.* How to distinguish urban vs. agricultural sources of persistent organic pollutants. *Current Opinion in Environmental Science and Health* **2019**, 8, 23-28 (**Invited**).
19. Romanak, K. A.; Wang, S.⁺; Stubbings, W. A.⁺; Hendryx, M.; Venier, M.; **Salamova, A.*** Analysis of brominated and organophosphate flame retardants, and polycyclic aromatic hydrocarbons in silicone wristbands used as personal passive samplers. *Journal of Chromatography A* **2019**, 1588, 41-47.
20. Arnold, K.⁺; Teixeira, J. P.; Mendes, A.; Madureira, J.; Costa, S.; **Salamova, A.*** Semivolatile organic compounds in elderly care facilities: Implications for older adult exposures. *Environmental Pollution* **2018**, 240, 908-915.
21. Stubbings, W. A.⁺; Schreder, E. D.; Thomas, M. B.; Romanak, K.; Venier, M.; **Salamova, A.*** Exposure to brominated and organophosphate flame retardants in childcare environments: Effect of removal of flame-retarded nap mats on indoor levels. *Environmental Pollution* **2018**, 238, 1056-1068.
22. Olukunle, O. I.⁺; Venier, M.; Hites, R. A.; **Salamova, A.*** Atmospheric concentrations of hexabromocyclododecane (HBCDD) in the Great Lakes region. *Chemosphere* **2018**, 200, 464-470.
23. Venier, M.*; Lehman, D. C.; **Salamova, A.**; Hites, R. A. The IADN data visualization tool. *Science of the Total Environment* **2018**, 645, 1617-1619.
24. Olukunle, O. I.⁺; Lehman, D. C.; **Salamova, A.**; Venier, M.; Hites, R. A.* Temporal trends of Dechlorane Plus in air and precipitation collected at four sites near the North American Great Lakes. *Science of the Total Environment* **2018**, 642, 537-542.
25. Wang, S.⁺; **Salamova, A.**; Hites, R. A.; Venier, M.* Spatial and seasonal distributions of current use pesticides (CUPs) in the atmospheric particulate phase in the Great Lakes region. *Environmental Science and Technology* **2018**, 52, 6177-6186.
26. Guo, J.; **Salamova, A.**; Venier, M.; Dryfhout-Clark, H.; Alexandrou, N.; Backus, S.; Bradley, L.; Hung, H.; Hites, R. A.* Atmospheric loadings of persistent organic pollutants to the Great Lakes estimated by the United States' Integrated Atmospheric Deposition and Canada's Great Lakes Basin Monitoring and Surveillance Networks. *Journal of Great Lakes Research* **2018**, 44, 665-677.
27. Terry, P.; Towers, C. V.; Liu, L. Y.⁺; Peverly, A. A.⁺; Chen, J.; **Salamova, A.*** Polybrominated diphenyl ethers (flame retardants) in mother-infant pairs in the Southeastern United States. *International Journal of Environmental Health Research* **2017**, 3, 1-10.
28. Guo, J.; Venier, M.; **Salamova, A.**; Hites, R. A.* Bioaccumulation of Dechloranes, organophosphate esters, and other flame retardants in Great Lakes fish. *Science of the Total Environment* **2017**, 583, 1-9.
29. **Salamova, A.**; Peverly, A. A.⁺; Venier, M.; Hites, R. A.* Spatial and temporal trends of particle phase organophosphate ester concentrations in the atmosphere of the Great Lakes. *Environmental Science and Technology* **2016**, 50, 13249-13255.
30. Liu, L. Y.⁺; Venier, M.; **Salamova, A.**; Hites, R. A.* A novel flame retardant in the Great Lakes atmosphere: 3,3',5,5'-tetrabromobisphenol A bis(2,3-dibromopropyl) ether. *Environmental Science and Technology Letters* **2016**, 3, 194-199.
31. Liu, L. Y.⁺; **Salamova, A.**; Venier, M.; Hites, R. A.* Trends in the levels of halogenated flame retardants in the Great Lakes atmosphere over the period 2005-2013. *Environment International* **2016**, 92, 442-449.
32. Liu, L. Y.⁺; He, K.; Hites, R. A.; **Salamova, A.*** Hair and nails as non-invasive biomarkers of human exposure to brominated and organophosphate flame retardants. *Environmental Science and Technology* **2016**, 50, 3065-3073.
33. Wöhrnschimmel, H.*; Scheringer, M.; Bogdal, C.; Hung, H.; **Salamova, A.**; Venier, M.; Katsoyiannis, A.; Hites, R. A.; Hungerbühler, K.; Fiedler, H. Ten years after entry into force of the Stockholm Convention: What do air monitoring data tell about its effectiveness? *Environmental Pollution* **2016**, 217, 149-158.
34. Venier, M.; **Salamova, A.**; Hites, R. A.* Temporal trends of persistent organic pollutant concentrations in precipitation around the Great Lakes. *Environmental Pollution* **2016**, 217, 143-148.

35. Liu, L.Y.⁺; **Salamova, A.***; He, K.; Hites, R. A.* Analysis of polybrominated diphenyl ethers and emerging halogenated and organophosphate flame retardants in human hair and nails. *Journal of Chromatography A* **2015**, 1406, 251-257.
36. Venier, M.; **Salamova, A.**; Hites, R. A.* Halogenated flame retardants in the Great Lakes environment. *Accounts of Chemical Research* **2015**, 48, 1853-1861. **Invited and ACS Editors' Choice article.**
37. Peverly, A. A.⁺; **Salamova, A.**; Hites, R. A.* Locating POPs sources with tree bark. *Environmental Science and Technology* **2015**, 49, 13743-13748. **Feature article.**
38. **Salamova, A.**; Venier, M.; Hites, R. A.* Revised temporal trends of persistent organic pollutant concentrations in air around the Great Lakes. *Environmental Science and Technology Letters* **2015**, 2, 20-25.
39. Peverly, A. A.⁺; **Salamova, A.**; Hites, R. A.* Air is still contaminated 40 years after the Michigan chemical plant disaster in St. Louis, Michigan. *Environmental Science and Technology* **2014**, 48, 11154-11160.
40. Liu, L.Y.⁺; **Salamova, A.***; Hites, R. A. Halogenated flame retardants in baby food from the United States and from China and the estimated dietary intake by infants. *Environmental Science and Technology* **2014**, 48, 9812-9818.
41. **Salamova, A.***; Hermanson, M. H.; Hites, R. A. Organophosphate and halogenated flame retardants in atmospheric particles from a European Arctic site. *Environmental Science and Technology* **2014**, 48, 6133-6140.
42. Liu, L.Y.; **Salamova, A.**; Hites, R. A.* Interstudy and intrastudy temporal trends of polychlorinated biphenyls, pesticides, and polycyclic aromatic hydrocarbon concentrations in air and precipitation at a rural site in Ontario. *Environmental Science and Technology Letters* **2014**, 1, 226-230.
43. Liu, L.Y.; Kukučka, P.; Venier, M.; **Salamova, A.**; Klánova, J.; Hites, R. A.* Differences in spatio-temporal variations of atmospheric polycyclic aromatic hydrocarbon levels between North America and Europe: Data from two air monitoring projects. *Environment International* **2014**, 64, 48-55.
44. **Salamova, A.**; Ma, Y.; Venier, M.; Hites, R. A.* High levels of organophosphate flame retardants in the Great Lakes atmosphere. *Environmental Science and Technology Letters* **2014**, 1, 8-14.
45. Ma, Y.; **Salamova, A.**; Venier, M.; Hites, R. A.* Has the phase-out of PBDEs affected their atmospheric levels? Trends of PBDEs and their replacements in the Great Lakes atmosphere. *Environmental Science and Technology* **2013**, 47, 11457-11464.
46. **Salamova, A.**; Pagano, J. J.; Holsen, T. M.; Hites, R. A.* Post-1990 temporal trends of polychlorinated biphenyls and organochlorine pesticides in the atmosphere and in fish from Lakes Erie, Michigan, and Superior are similar. *Environmental Science and Technology* **2013**, 47, 9109-9114.
47. **Salamova, A.**; Hites, R. A.* Brominated and chlorinated flame retardants in tree bark from around the globe. *Environmental Science and Technology* **2013**, 47, 349-354.
48. **Salamova, A.**; Hites, R. A.* Dechlorane Plus in the atmosphere and precipitation near the Great Lakes. *Environmental Science and Technology* **2011**, 45, 9924-9930.
49. **Salamova, A.**; Hites, R. A.* Discontinued and alternative brominated flame retardants in the atmosphere and precipitation from the Great Lakes Basin. *Environmental Science and Technology* **2011**, 45, 8698-8706.
50. **Salamova, A.**; Hites, R. A.* Evaluation of tree bark as a passive atmospheric sampler for flame retardants, polychlorinated biphenyls, and organochlorine pesticides. *Environmental Science and Technology* **2010**, 44, 6196-6201.

PRESENTATIONS

(presenter is listed as first author; ⁺ indicates student or post-doctoral advisee)

Salamova, A.; Schreder, E.; Sathyanarayana, S. Per- and polyfluoroalkyl substances (PFAS) in breast milk. Alaska-CHE Webinar Series, June 30, 2021. (**Invited talk**).

Salamova, A. Increased exposure to commonly used disinfectants during the COVID-19 pandemic. ISES Webinar Series, June 24, 2021. (**Invited talk**).

- Salamova, A.** Chemical contaminants in Indiana’s drinking water. Rural Engagement Conference, Indiana University, May 12, 2021. **(Invited talk).**
- Salamova, A.** Human exposure to PFAS. PFAS Coalition, May 5, 2021. **(Invited talk).**
- Salamova, A.** Increased human exposure to quaternary ammonium compounds during the COVID-19 pandemic. Biomonitoring California Scientific Guidance Panel Meeting, March 8, 2021 **(Invited talk).**
- Zheng, G.⁺; **Salamova, A.** “Are melamine derivatives replacements for PFAS treatments in textiles?” Virtual meeting of the Society of Environmental Toxicology and Chemistry. November 15-19, 2020 (Talk).
- Salamova, A.** Zheng, G.⁺; Filippelli, G. “Increased indoor exposure to commonly used disinfectants during the COVID-19 pandemic”. Virtual meeting of the Society of Environmental Toxicology and Chemistry. November 15-19, 2020 (Talk).
- Zheng, G.⁺; Miller, P.; von Hippel, F.; Buck, C. L.; Carpenter, D.; **Salamova, A.** “Semi-volatile organic compounds in sentinel fish on St. Lawrence Island, Alaska”, Virtual meeting of the Society of Environmental Toxicology and Chemistry. November 15-19, 2020 (Talk).
- Zheng, G.⁺; Filippelli, G.; **Salamova, A.** Increased indoor exposure to commonly used disinfectants during the COVID-19 pandemic. Virtual meeting of the International Society of Exposure Science, September 21-22, 2020 (Poster).
- Schreder, E. Zheng, G.⁺; **Salamova, A.** “Indoor exposure to per- and polyfluoroalkyl substances (PFAS): Presence of PFAS in U.S. childcares”, 40th Annual Meeting of the Society of Environmental Toxicology and Chemistry North America, Toronto, Ontario, Canada, November 3-7, 2019 (Talk).
- Wang, S.⁺; Romanak, A.; Hendryx, M.; **Salamova, A.**; Venier, M. “Associations of exposures to flame retardants and thyroid hormones in adults living in central Appalachia”, 40th Annual Meeting of the Society of Environmental Toxicology and Chemistry North America, Toronto, Ontario, Canada, November 3-7, 2019 (Talk).
- Zheng, G.⁺; Schreder, E.; Dempsey, J.; Uding, N.; **Salamova, A.** “Per- and polyfluoroalkyl substances (PFAS) in breast milk from the United States”, 40th Annual Meeting of the Society of Environmental Toxicology and Chemistry North America, Toronto, Ontario, Canada, November 3-7, 2019 (Talk).
- Wu, Y.⁺; **Salamova, A.**; Hites, R.A.; Venier, M. “Precipitation dominates atmospheric deposition of PFASs to the Great Lakes”, 40th Annual Meeting of the Society of Environmental Toxicology and Chemistry North America, Toronto, Ontario, Canada, November 3-7, 2019 (Poster).
- Salamova, A.**; Wang, S.⁺; Romanak, K.; Hendryx, M.; Venier, M. “Indoor ambient and personal exposures to brominated flame retardants and organophosphate esters in Central Appalachia”, International Societies of Exposure Science and Indoor Air Quality and Climate Annual Conference, Kaunas, Lithuania, August 18-22, 2019 (Talk).
- Wu, Y.⁺; **Salamova, A.**; Hites, R.; Venier, M. “Polyfluoroalkyl substances (PFAS) in the Great Lakes atmosphere”, 62nd Annual Conference on Great Lakes Research, International Association on Great Lakes Research, Brockport, New York, June 10-14, 2019 (Talk).
- Salamova, A.**; Zheng, G.⁺; Schreder, E. “Melamine and its derivatives in the U.S. childcare environment”, 9th International Symposium on Flame Retardants, Montreal, Quebec, Canada, May 14-17, 2019 (Talk).
- Wang, S.⁺; Romanak, K.; Hendryx, M.; **Salamova, A.**; Venier, M. “Indoor ambient and personal exposures to brominated flame retardants and organophosphate esters in Central Appalachia”, 9th International Symposium on Flame Retardants, Montreal, Quebec, Canada, May 14-17, 2019 (Talk).
- Wang, S.⁺; Romanak, K.; Hendryx, M.; **Salamova, A.**; Venier, M. “Indoor ambient and personal exposures to brominated flame retardants and organophosphate esters in Central Appalachia”, Emerging Compounds in the Environment, Urbana Champaign, Illinois, May 21-22, 2019 (Talk).
- Zheng, G.⁺; Miller, P.; von Hippel, F.; Buck, C. L.; Carpenter, D.; **Salamova, A.** “Semi-volatile organic compounds in sentinel fish on St. Lawrence Island, Alaska”, Emerging Compounds in the Environment, Urbana Champaign, Illinois, May 21-22, 2019 (Talk).
- Venier, M.; Wang, S.⁺; **Salamova, A.**; Romanak, K.; Stubbings, W.; Hendryx, M.; Arrandale, V.; Diamond, M. “Silicone wristbands as passive samplers for the assessment of exposure to flame retardants and

- polycyclic aromatic hydrocarbons,” 39th Annual Meeting of the Society of Environmental Toxicology and Chemistry North America, Sacramento, California, November 4-8, **2018** (Talk).
- Wang, S.⁺; **Salamova, A.**; Romanak, K.; Stubbings, W.; Hendryx, M.; Arrandale, V.; Diamond, M.; Venier, M. “Silicone wristbands as passive samplers for the assessment of exposure to flame retardants and polycyclic aromatic hydrocarbons,” 38th International Symposium on Halogenated Persistent Organic Pollutants,” Krakow, Poland, August 26-31, **2018** (Talk).
- Venier, M.; Wang, S.⁺; **Salamova, A.**; Romanak, K.; Stubbings, W.; Hendryx, M.; Arrandale, V.; Diamond, M. “Silicone wristbands as passive samplers for the assessment of exposure to flame retardants and polycyclic aromatic hydrocarbons,” International Society of Exposure Science – International Society of Environmental Epidemiology Joint Annual Meeting, Ottawa, Ontario, Canada, August 26-30, **2018** (Talk).
- Salamova, A.**; Stubbings, W.⁺; Romanak, K.; Thomas, M.; Venier, M.; Schreder, E. D. “Exposure to brominated and organophosphate flame retardants in Seattle childcare environments,” International Society of Exposure Science – International Society of Environmental Epidemiology Joint Annual Meeting Ottawa, Ontario, Canada, August 26-30, **2018** (Talk).
- Stubbings, W.⁺; Thomas, M.; Schreder, E. D.; Romanak, K.; Venier, M.; **Salamova, A.** “Exposure to brominated and organophosphate flame retardants in Seattle childcare environments,” 38th Annual Meeting of the Society of Environmental Toxicology and Chemistry North America, Minneapolis, Minnesota, November 12-16, **2017** (Talk).
- Olukunle, O. I.⁺; Venier, M.; **Salamova, A.**; Hites, R. A. “Atmospheric concentrations of HBCDD diastereomers in the Great Lakes,” 38th Annual Meeting of the Society of Environmental Toxicology and Chemistry North America, Minneapolis, Minnesota, November 12-16, **2017** (Poster).
- Wang, S.⁺; **Salamova, A.**; Hites, R. A., Venier, M. “Current use pesticides in the atmosphere of the Great Lakes,” 38th Annual Meeting of the Society of Environmental Toxicology and Chemistry North America, Minneapolis, Minnesota, November 12-16, **2017** (Talk).
- Salamova, A.**; Arnold, K.⁺; Teixeira, J. P.; Mendes, A.; Madureira, J.; Costa, S. “Semivolatile organic compounds (SVOCs) in settled dust in elderly care facilities,” 27th Annual Meeting of the International Society of Exposure Science, Research Triangle Park, North Carolina, October 15-19, **2017** (Poster).
- Salamova, A.**; Pevery, A. A.⁺; Venier, M.; Hites, R. A. “Organophosphate flame retardants in the Great Lakes atmosphere,” 60th Annual Conference on Great Lakes Research, Detroit, Michigan, May 15-19, **2017** (Talk).
- Salamova, A.**; Pevery, A. A.⁺; Venier, M.; Hites, R. A. “Organophosphate flame retardants in the Great Lakes atmosphere,” 253rd American Chemical Society National Meeting, San Francisco, California, April 2-6, **2017** (Talk, invited).
- Venier, M.; Guo, J.; **Salamova, A.**; Hites, R. A. “Bioaccumulation of legacy and emerging flame retardants in the Great Lakes,” 36th International Symposium on Halogenated Persistent Organic Pollutants Dioxin 2016, Florence, Italy, August 28-September 2, **2016** (Talk).
- Salamova, A.**; Pevery, A. A.⁺; Venier, M.; Hites, R. A. “Organophosphate flame retardants in the Great Lakes atmosphere,” 36th International Symposium on Halogenated Persistent Organic Pollutants Dioxin 2016, Florence, Italy, August 28-September 2, **2016** (Talk).
- Salamova, A.**; Liu, L.Y.⁺; He, K.; Hites, R. A. “Organophosphate and brominated flame retardants in human hair and nails,” 26th Annual Meeting of the Society of Environmental Toxicology and Chemistry Europe, Nantes, France, May 22-26, **2016** (Talk).
- Liu, L.Y.⁺; **Salamova, A.**; Venier, M.; Hites, R. A. “Long-term temporal trends of brominated flame retardants in the Great Lakes atmosphere,” 36th Annual Meeting of the Society of Environmental Toxicology and Chemistry, Salt Lake City, Utah, November 1-5, **2015** (Talk).
- Salamova, A.** “Flame retardants: Production and use history and environmental trends,” Baylor University, Texas, October 27, **2015** (Invited seminar).
- Salamova, A.**; Liu, L.⁺; He, K.; Hites, R. A. “Human hair and nails as non-invasive biomarkers of exposure to brominated and organophosphate flame retardants,” 25th Annual Meeting of the International Society of Exposure Science, Henderson, Nevada, October 18-22, **2015** (Talk).

- Liu, L.Y.⁺; **Salamova, A.**; Venier, M.; Hites, R. A. “Long-term trends of flame retardants in the atmosphere around the Great Lakes,” 250th Meeting of the American Chemical Society, Boston, Massachusetts, August 16-20, **2015** (Talk).
- Peverly, A. A.⁺; **Salamova, A.**; Hites, R. A. “Persistent organic pollutants in tree bark,” International Network of Environmental Forensics 2015, Toronto, Ontario, August 3-6, **2015** (Talk).
- Salamova, A.**; Liu, L.Y.⁺; He, K.; Hites, R. A. “Brominated and organophosphate flame retardants in human hair, nails, and blood,” 35th Annual Meeting of the Society of Environmental Toxicology and Chemistry North America, Vancouver, British Columbia, November 9-13, **2014** (Talk).
- Peverly, A.⁺; **Salamova, A.**; Hites, R. A. “Contamination in and around St. Louis, Michigan, from the Velsicol Superfund site: 40 years later,” 35th Annual Meeting of the Society of Environmental Toxicology and Chemistry North America, Vancouver, British Columbia, November 9-13, **2014** (Talk).
- Liu, L. Y.⁺; Ma, Y.; **Salamova, A.**; Venier, M.; Hites, R. A. “Spatiotemporal trends of PBDEs and their replacements in the Great Lakes atmosphere,” 35th Annual Meeting of the Society of Environmental Toxicology and Chemistry North America, Vancouver, British Columbia, November 9-13, **2014** (Poster).
- Salamova, A.**; Hermanson, M. H.; Hites R. A. “Brominated and organophosphate flame retardants in the Arctic’s atmosphere,” 34th International Symposium on Halogenated Persistent Organic Pollutants Dioxin 2014, Madrid, Spain, August 31-September 5, **2014** (Talk).
- Hermanson, M. H.; **Salamova, A.**; M.; Hites R. A. “Brominated and organophosphate flame retardants in the Arctic’s atmosphere,” 14th Annual Workshop on Brominated and Other Flame Retardants, Indianapolis, Indiana, June 22-24, **2014** (Talk).
- Peverly, A. A.⁺; **Salamova, A.**; Hites, R. A. “Brominated and chlorinated pollutants in tree bark from the center of Michigan: Velsicol Superfund site,” 14th Annual Workshop on Brominated and Other Flame Retardants, Indianapolis, Indiana, June 22-24, **2014** (Poster).
- Liu, L. Y.⁺; Ma, Y.; **Salamova, A.**; Venier, M.; Hites, R. A. “Spatiotemporal trends of PBDEs and their replacements in the Great Lakes atmosphere,” 14th Annual Workshop on Brominated and Other Flame Retardants, Indianapolis, Indiana, June 22-24, **2014** (Poster).
- Hermanson, M. H.; **Salamova, A.**; M.; Hites R. A. “Brominated and organophosphate flame retardants in the Arctic’s atmosphere,” DUST 2014, International Conference on Atmospheric Dust, Castellaneta Marina, Italy, June 1-6, **2014** (Talk).
- Salamova, A.**; Hermanson, M. H.; Ma, Y.; Venier, M.; Hites R. A. “Brominated and organophosphate flame retardants in the Arctic’s atmosphere,” 34th Annual Meeting of the Society of Environmental Toxicology and Chemistry North America, Nashville, Tennessee, November 17-21, **2013** (Talk).
- Liu, L.⁺; Kukučka, P.; Venier, M.; **Salamova, A.**; Klánová, J.; Hites R. A. “Differences in spatiotemporal variations of atmospheric polycyclic aromatic hydrocarbon levels between North America and Europe: Data from two air monitoring projects,” 34th Annual Meeting of the Society of Environmental Toxicology and Chemistry North America, Nashville, Tennessee, November 17-21, **2013** (Talk).
- Venier, M.; Ma, Y.; Peverly, A.; **Salamova, A.**; Petrich, N.; Hu, D.; Spak, S.; Hornbuckle, K.; Hites R. A. “Organophosphorus flame retardants in Chicago’s atmosphere,” 34th Annual Meeting of the Society of Environmental Toxicology and Chemistry North America, Nashville, Tennessee, November 17-21, **2013** (Talk).
- Salamova, A.** “Flame retardants: Production and use history and environmental trends.” Environmental Science Seminar, School of Public and Environmental Affairs, Indiana University, Bloomington, Indiana, October 10, **2013** (Seminar).
- Salamova, A.**; Ma, Y.; Venier, M.; Hites, R. A. “Brominated and organophosphate flame retardants in the Great Lakes atmosphere,” 246th Meeting of the American Chemical Society, Indianapolis, Indiana, September 8-12, **2013** (Talk).
- Ma, Y.; **Salamova, A.**; Venier, M.; Hites, R. A. “Has the phase-out of PBDEs affected their atmospheric levels? Trends of PBDEs and their replacements in the Great Lakes atmosphere,” 33rd International

- Symposium on Halogenated Persistent Organic Pollutants and POPs, Daegu, Korea, August 25-30, **2013** (Talk).
- Salamova, A.**; Pagano, J. J.; Holsen, T. M.; Hites R. A. “Post-1990 temporal trends of polychlorinated biphenyls and organochlorine pesticides in the atmosphere and in fish from the Great Lakes Basin are similar,” 56th Annual Conference on Great Lakes Research, International Association for Great Lakes Research, West Lafayette, Indiana, June 2-6, **2013** (Talk).
- Ma, Y.; Petrich, N.; Venier, M.; **Salamova, A.**; Hu, D.; Spak, S.; Hornbuckle, K.; Hites R. A. “Identification and measurement of organophosphorus flame retardants in Chicago’s atmosphere,” 56th Annual Conference of Great Lakes Research, International Association for Great Lakes Research, West Lafayette, Indiana, June 2-6, **2013** (Talk).
- Nettesheim, T. G.; Hites R. A.; Venier, M.; **Salamova, A.**; Liu, L.Y. “Are emission reduction strategies working? An assessment of polycyclic aromatic hydrocarbon data from the Integrated Atmospheric Deposition Network,” 56th Annual Conference on Great Lakes Research, International Association for Great Lakes Research, West Lafayette, Indiana, June 2-6, **2013** (Talk).
- Salamova, A.**; Hites R. A. “Flame retardants in tree bark from around the globe,” Flame Retardant Dilemma Symposium, Green Science Policy Institute, University of California, Berkeley, California, April 12, **2013** (Talk, Invited).
- Salamova, A.**; Hites R. A. “Brominated and chlorinated flame retardants in tree bark around the globe,” 6th International Symposium on Flame Retardants, San Francisco, California, April 7-10, 2013 (Poster).
- Ma, Y.⁺; **Salamova, A.**; Venier, M.; Hites R. A. “Spatial and temporal trends of brominated flame retardants in the Great Lakes atmosphere,” 6th International Symposium on Flame Retardants, San Francisco, California, April 7-10, **2013** (Poster).
- Salamova, A.**; Hites R. A. “Old and new flame retardants in the Great Lakes basin,” Environmental Health Conference 2013, Boston, Massachusetts, March 3-6, **2013** (Talk).
- Hites, R. A.; Venier, M.; **Salamova, A.** “Great Lakes pollution trends in the air,” Tribal Environmental Program Management Conference, Environmental Protection Agency, Chicago, Illinois, February **2013** (Talk).
- Salamova, A.**; Hites R. A. “Dechlorane Plus in the Great Lakes’ air,” 33rd Annual Meeting of the Society of Environmental Toxicology and Chemistry North America, Long Beach, California, November 11-15, **2012** (Talk).
- Salamova, A.**; Hites R. A. “Polychlorinated biphenyls in Great Lakes’ atmosphere,” 7th International Polychlorinated Biphenyl Workshop, Arcachon, France, May **2012** (Talk, invited).
- Salamova, A.**; Hites R. A. “Environmental monitoring networks are important tools to assess chemical regulations: the North American Great Lakes’ Integrated Atmospheric Deposition Network,” 6th World Congress of the Society of Environmental Toxicology and Chemistry, Berlin, Germany, May 20-24, **2012** (Talk).
- Salamova, A.**; Hites R. A. “Tree bark as a green atmospheric sampler,” 6th PhD Workshop, Baku, Azerbaijan, December 23, **2011** (Talk, invited).
- Salamova, A.**; Venier, M.; Hites R. A. “Old and new flame retardants in the Great Lakes basin,” 32nd Annual Meeting of the Society of Environmental Toxicology and Chemistry North America, Boston, Massachusetts, November 13-17, **2011** (Talk).
- Venier, M.; Ma, Y.; **Salamova, A.**; Hites, R. “Alternative flame retardants in the atmosphere near the Great Lakes,” 32nd Annual Meeting of the Society of Environmental Toxicology and Chemistry North America, Boston, Massachusetts, November 13-17, **2011** (Poster).
- Venier, M.; Ma, Y.; **Salamova, A.**; Hites, R. “Identification of old and new flame retardants in the atmosphere: the Integrated Atmospheric Deposition Network,” 31st Symposium of Halogenated Persistent Organic Pollutants, Brussels, Belgium, August 21-25, **2011** (Talk).
- Hites, R. A.; Venier, M.; **Salamova, A.** “New, newer, and newest flame retardants in the environment,” 12th Brominated Flame Retardants Workshop, Boston, Massachusetts, June 5-7, **2011** (Keynote).

- Salamova, A.** “Flame retardants in the atmosphere and tree bark around the Great Lakes,” Environmental Science Seminar, School of Public and Environmental Affairs, Indiana University, Bloomington, Indiana, April 14, **2011** (Seminar).
- Salamova, A.;** Hites R. A. “Levels of flame retardants, polychlorinated biphenyls, and selected organochlorine pesticides in tree bark vs. levels in air and precipitation,” 30th Symposium of Halogenated Persistent Organic Pollutants, San Antonio, Texas, September 12-17, **2010** (Poster).
- Hites R. A.; Venier, M.; **Salamova, A.** “Something about Dechlorane Plus,” 30th Symposium of Halogenated Persistent Organic Pollutants, San Antonio, Texas, September 12-17 **2010** (Talk)
- Hites, R. A.; Venier, M.; **Salamova, A.** “Brominated flame retardants are the new polychlorinated biphenyls,” Department of Chemistry, Southern Illinois University, Carbondale, Illinois, March **2010** (Talk).
- Salamova, A.;** Hites R. A. “Persistent organic pollutants in the atmosphere and tree bark,” 30th Annual Meeting of the Society of Environmental Toxicology and Chemistry North America, New Orleans, Louisiana, November 19-23, **2009** (Talk).
- Hites, R. A.; **Salamova, A.;** Venier, M. “Spatiotemporal analyses of atmospheric concentrations of flame retardants near the U.S. Great Lakes.” 30th Annual Meeting of the Society of Environmental Toxicology and Chemistry North America, New Orleans, Louisiana, November 19-23, **2009** (Talk).
- Salamova, A.;** Hites R. A. “Flame retardants in the atmosphere and tree bark,” 52nd Annual Conference on Great Lakes Research, International Association for Great Lakes Research, Toledo, Ohio, May 18-22, **2009** (Talk).

MENTORING

Post-doctoral associates

- Dr. Staci Capozzi, Indiana University (September 2021 – present)
- Dr. Guomao Zheng, Indiana University (August 2018 – September 2021)
- Dr. Yan Wu, Indiana University (July 2018 – November 2020)
- Dr. Shaorui Wang, Indiana University (February 2017 – February 2020)
- Dr. Olubiyi Olukunle, Indiana University (April 2017 – September 2018)
- Dr. Liang-Ying Liu, Indiana University (April 2014 – August 2016)
- Dr. Angela Pevery, Indiana University (May 2014 – August 2015)

Ph.D. committees

- Maksat Babayev, School of Public Health, Indiana University (November 2020 – present)
- Luma Melo, School of Public Health, Indiana University (September 2019 – August 2021)
- Jessica Craig, School of Public Health, Boston University, outside reader (August 2020)

Master’s thesis committees chaired

- Maksat Babayev, Master of Science in Environmental Science, O’Neill School of Public and Environmental Affairs, Indiana University (January 2019 – May 2020)
- Karen Arnold, Master of Science in Environmental Science, O’Neill School of Public and Environmental Affairs, Indiana University (August 2015 – September 2016)

Undergraduate students mentored

- Sarah DiPlotti, Indiana University (Spring 2020 – present)
- Danielle Johnson, School of Public Health, Indiana University (Fall, 2018)

PROFESSIONAL SERVICE

Conference Sessions Organized and Facilitated

- Co-organized (with E. Ulrich, U.S. EPA) a platform and poster session titled “Human Exposure to Emerging Organic Contaminants”, 41st Annual Meeting of the Society of Environmental Toxicology and Chemistry North America, November 15-19, 2020.
- Co-organized (with H. Stapleton, Duke University, and E. Ulrich, U.S. EPA) a full-day platform and poster session titled “Emerging Environmental Contaminants: Human Exposure and Associated Risks”, 40th Annual Meeting of the Society of Environmental Toxicology and Chemistry North America, Toronto, Ontario, Canada, November 3-7, 2019.
- Co-organized (with S. Simonich, E. Ulrich, E. Furlong, S. Glassmeyer, M. Venier) a full-day platform and poster session titled “Contributions of a Simple Chemist: How Ron Hites Changed Environmental Chemistry”, American Chemical Society Spring 2019 National Meeting, Orlando, Florida, March 31-April 4, 2019.
- Co-organized (with H. Stapleton, Duke University, and E. Ulrich, U.S. EPA) a platform and poster session titled “Human Exposure to Emerging Environmental Contaminants”, 39th Annual Meeting of the Society of Environmental Toxicology and Chemistry North America, Sacramento, California, November 4-8, 2018.
- Co-organized (with S. Usenko, Baylor University) a full-day platform and poster session titled “Emerging Environmental Chemistry: Trends, Transformations, and Fate of Organic Environmental Contaminants,” 38th Annual Meeting of the Society of Environmental Toxicology and Chemistry North America, Minneapolis, Minnesota, November 12-16, 2017.
- Co-organized (with B. Murphy, U.S. EPA, and others) a platform session titled “Discoveries, trends, and implications of chemicals in the Great Lakes” at the 60th Annual Conference on Great Lakes Research, Detroit, Michigan, May 15-19, 2017.
- Co-organized (with E. Ulrich, U.S. EPA and S. Usenko, Baylor University) a platform and poster session titled “Characterization and processes of atmospheric pollutants” at the 34th Annual Meeting of the Society of Environmental Toxicology and Chemistry North America, Nashville, Tennessee, November 17-21, 2013.

Service in Professional Societies

- Member of the Organizing Committee for the Virtual Meeting of the International Society of Exposure Science, August 30 – September 2, 2021.
- Member of the Technical Organizing Committee for the Joint Meeting of the International Societies of Exposure Science and Indoor Air Quality and Climate held in Kaunas, Lithuania on August 18-22, 2019.
- Member of the Technical Organizing Committee for the Joint Meeting of the International Societies of Exposure Science and Environmental Epidemiology held in Ottawa, Ontario, Canada on August 26-30, 2018.
- Member of the local organizing committee for the 14th Annual Workshop on Flame Retardants held in Indianapolis, Indiana, on June 22-24, 2014.
- Member of the Steering Committee for the Chemistry Interest Group in the Society of Environmental Toxicology and Chemistry North America (2015 – 2019).

Service for professional journals

- *Editorial Board: Critical Reviews in Environmental Science and Technology*
- *Peer reviewer* (average of 15 manuscripts annually): Environmental Science and Technology; Environmental Science and Technology Letters; Environmental Toxicology and Chemistry; Science of the Total Environment; Atmospheric Environment; Environmental Science and Pollution Research; Environmental Pollution; Environment International; Chemosphere.

Professional society membership

- American Chemical Society (ACS)
- International Society of Exposure Science (ISES)
- Society of Environmental Toxicology and Chemistry (SETAC)

RESEARCH IN THE MEDIA

- Immigrants in U.S. Detention Exposed to Hazardous Disinfectants Every Day. *Scientific American*, September 17, 2021.
- IU scientist awarded \$2.9M grant to study effects of toxins on Indigenous Arctic communities. *Herald Times*, September 10, 2021.
- IU scientist awarded \$2.9M grant to study effects of toxins on Indigenous Arctic communities. *Indy Star*, September 10, 2021.
- \$2.9M NIH grant funds study of toxic pollutants' effects on Indigenous community in Alaska. *News at IU Bloomington*, July 28, 2021.
- Seattle study of breast milk from 50 women finds chemical used in food wrappers, firefighting foam. *Seattle Times*, July 26, 2021.
- Per- and polyfluoroalkyl substances in breast milk. Covered or mentioned in over 5000 articles and social media posts, including the Guardian, Reuters, Daily Mail, Independent, the Hill, C&EN, and others. May 2021.
- Food packaging safety. *IU Research Impact*, March 17, 2021.
- Rise in quats observed during coronavirus crisis. *Chemical and Engineering News*, September 14, 2020.
- Research on dust samples from homes before and after the pandemic. ALL IN, NPR, September 11, 2020.
- Purdue, Indiana University get grants to study PFAS in rural water. *NPR*, September 7, 2020.
- Indiana universities receive grants to study PFAS impact on water quality, *Indiana Environmental Reporter*, August 31, 2020.
- EPA awards \$1.6M for IU research on synthetic chemical exposure in rural drinking water. *News at IU Bloomington*, August 27, 2020.
- Cleaning products used to stop spread of COVID may be harmful on their own, study finds. *Newwise*, August 26, 2020.
- IU research reveals downside to disinfectant cleaners. *B96.9FM*, August 26, 2020.
- IU research reveals downside to disinfectant cleaners. *Newsbreak*, August 25, 2020.
- Cleaning products used to stop spread of COVID may be harmful on their own, study finds. *O'Neill School*, August 25, 2020.
- Cleaning products at child care centers could expose kids to toxic PFAS. *Indiana Environmental Reporter*, March 4, 2020.
- New study suggests PFAS in floor waxes are making daycares dirty. *Toxic-Free Future*, March 2, 2020.
- Cleaning products could expose children to dangerous contaminants at child care facilities. *IU Bloomington Newsroom*, March 2, 2020.
- Gustavus residents test blood for PFAS. *Juneau Empire*, November 18, 2019.
- Indiana University researchers monitor airborne pollution in Great Lakes, *Indiana Environmental Reporter*, October 3, 2019.
- IU researchers work to monitor airborne pollution in Great Lakes, *The Herald Times*, October 11, 2019.
- EPA awards nearly \$6 million to IU scientists for airborne pollutant monitoring of Great Lakes. *News at IU Bloomington*, September 26, 2019.
- Nap mats in child-care centers in Seattle contain toxic chemicals. *Natural News*, June 6, 2018.
- Study: Giving children flame-retardant free nap mats reduces harmful exposures. *Environmental Working Group*, May 21, 2018.

- Nap mats at some Seattle child-care centers contain potentially harmful chemicals. *Seattle Times*, April 24, 2018; *CT Post*, April 25, 2018.
- Benzene, polychlorinated biphenyls, and industrial chemistry: A narrative bibliography. *Discard Studies*, October 16, 2017.
- Study: Banned since 2004, toxic flame retardants persist in U.S. newborns. *Environmental Working Group*, July 11, 2017.
- Banned chemicals pass through umbilical cord from mother to baby, research finds. *IU Bloomington Newsroom*, June 29, 2017; *Science Daily*, *Medical Express*, *FIGO*, and other online outlets.
- It's all in the wrist: IU researchers to use bracelets to study health risks in coal communities. *IU Bloomington Newsroom*, October 13, 2016; *Everything IU*, *National Human Genome Research Institute*, *4-trader*, October 20, 2016.
- Organophosphates from flame retardants widely found in hair and nail samples. *Medical Research*, March 4, 2016.
- IU Researchers conduct study of flame retardant chemicals in nails, hair. *Indiana Daily Student*, March 2, 2016.
- IU researchers discover that human hair and nails can tell toxic secrets. *IU Bloomington Newsroom*, March 2, 2016. *Featured in: Medical Xpress, Science Codex, EurekAlert!* and other online outlets.
- EPA boosts Indiana research efforts, *Inside INdiana Business*, January 6, 2015.
- EPA funds Great Lakes environment study by Indiana University scientists, *IU Bloomington Newsroom*, January 6, 2015.
- Now it's air pollution in St. Louis. *Morning Sun*, September 18, 2014.
- Decades later contamination persists at Michigan Superfund site. *Environmental Protection Online*, September 17, 2014.
- Study: Flame retardants in baby food well below unsafe levels. *Food Safety News*, September 15, 2014.
- Global flame retardant levels indicated in tree bark samples. *IU Chemistry*, Association of Indiana University Chemists Alumni Journal, Vol 58, Fall 2013.
- A breath of fireproof air? *Washington Toxics Coalition*, October 15, 2013.
- US study raises questions over organophosphate persistence. *Chemical Watch*, *Global Risk and Regulation News*, October 3, 2013.
- Alternative flame retardants detected in outdoor air. *Chemical and Engineering News*, October 1, 2013.
- Flame retardants in consumer products are linked to health and cognitive problems. *Washington Post*, April 15, 2013.
- Tree bark shows global spread of toxic chemicals. *Voice of America*, March 15, 2013.
- Finding pollutants in tree bark, *Chemical and Engineering News*, January 4, 2013.
- Indiana University study finds flame retardant pollutants at far-flung locations, *Indiana University News Room*, January 8, 2013.