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EDUCATION

Stanford University	Ph.D., Civil and Environmental Engineering <i>Minor: Chemistry</i> Advisor: Prof. William A. Mitch Thesis Title: Nitrogenous Disinfection Byproducts: Identifying Formation Pathways and Developing Engineering Controls in Impaired and Recycled Water	June 2016
Yale University	M.S., Environmental Engineering	May 2013
University of Cincinnati	B.S., Civil Engineering	June 2011

PROFESSIONAL EXPERIENCE

UNIVERSITY OF SOUTHERN CALIFORNIA Los Angeles, CA Assistant Professor <i>Astani Department of Civil and Environmental Engineering</i>	(January 2017-)
STANFORD UNIVERSITY Stanford, CA Postdoctoral Associate <i>Department of Civil and Environmental Engineering</i>	(July 2016 – December 2016)
Graduate Research Assistant <i>Department of Civil and Environmental Engineering</i>	(July 2013 – June 2016)
YALE UNIVERSITY New Haven, CT Graduate Research Assistant <i>Department of Chemical and Environmental Engineering</i>	(August 2011 – June 2013)
U.S. ENVIRONMENTAL PROTECTION AGENCY Cincinnati, OH Undergraduate Research Assistant (Trainee/contractor) <i>Office of Research and Development</i>	(January 2008 – July 2011)
UNIVERSITY OF CINCINNATI Cincinnati, OH Undergraduate Research Assistant (REU) <i>Department of Civil and Environmental Engineering</i>	(Summer 2007)

PUBLICATIONS

Peer-Reviewed Journal Articles (*indicates undergraduate advisee; **indicates graduate advisee)

1. Harb, M.; Zarei-Baygi, A.; Wang, P.; BouNehme Sawaya, C.; **McCurry, D.L.**; Stadler, L.; Smith, A. Antibiotic transformation and associated microbial activity in an anaerobic membrane bioreactor. *Submitted*.
2. **Shi, J.L.; **Plata, S.L.; *Kleimans, M.; Childress, A.E.; **McCurry, D.L.** Formation and Fate of Nitromethane in Ozone-Based Water Reuse Processes. *In Revision*.
3. Choe, J.K.; Hua, L.-C.; Komaki, Y.; Simpson, A.M.-A.; **McCurry, D.L.**; Mitch, W.A. Evaluation of Histidine Reactivity and Byproduct Formation during Peptide Chlorination, **2021**, *55*, 1790-1799.
4. #Hua, L.C.; **#Kim, E.; **McCurry, D.L.**; Huang, C.; Mitch, W.A. Novel Chlorination Byproducts of Tryptophan: Initial High-Yield Transformation Products Versus Small Molecule DBPs. *Environmental Science and Technology Letters*, **2020**, *7*, 149-155. # = equal contributions
5. **Shi, J.L.; **McCurry, D.L.** Transformation of *N*-methylamine Drugs during Wastewater Ozonation: Formation of Nitromethane, an Efficient Precursor to Halonitromethanes. *Environmental Science and Technology*, **2020**, *54*, 2182-2191.
6. McKenna, E.; Thompson, K.; Taylor-Edmonds, L.; **McCurry, D.L.**; Hanigan, D. Summation of Disinfection By-product CHO Cell Relative Toxicity Indices: Sampling Bias, Uncertainty, and a Path Forward. *Environmental Science: Processes & Impacts*, **2020**, *22*, 708-718.
7. Krasner, S.W.; Westerhoff, P.; Mitch, W.A.; Hanigan, D.; **McCurry, D.L.**; von Gunten, U. Behavior of NDMA Precursors at 21 Full-Scale Water Treatment Facilities. *Environmental Science: Water Research and Technology*, **2018**, *4*, 1966-1978.
8. *Huang, M.E.; **Huang, S.; **McCurry, D.L.** Re-examining the Role of Dichloramine in High-Yield NDMA Formation from *N,N*-dimethyl- α -arylamines. *Environmental Science and Technology Letters*, **2018**, *5*, 154-159. (Cover Article of March 2018 Issue of *ES&T Letters*)
9. **McCurry, D.L.**, Ishida, K.P., Oelker, G.L., Mitch, W.A. Reverse Osmosis Shifts Chloramine Speciation Causing Re-Formation of NDMA during Potable Reuse of Wastewater. *Environmental Science and Technology*, **2017**, *51*, 8589-8596.
10. **McCurry, D.L.**, Krasner, S.W., Mitch, W.A. Control of Nitrosamines During Non-Potable and de Facto Wastewater Reuse with Medium Pressure Ultraviolet Light and Preformed Monochloramine. *Environmental Science: Water Research and Technology*, **2016**, *2*, 502-510. (Editor's Choice Paper for 2016)
11. **McCurry, D.L.**, *Quay, A.N., Mitch, W.A. Ozone Promotes Chloropicrin Formation by Oxidizing Amines to Nitro Compounds. *Environmental Science and Technology*, **2016**, *50*, 1209-1217.
12. Chuang, Y.H., **McCurry, D.L.**, Tung, H.H., Mitch, W.A. Formation Pathways and Tradeoffs Between Haloacetamides and Haloacetaldehydes During Combined Chlorination and Chloramination of Lignin Phenols and Natural Waters. *Environmental Science and Technology*, **2015**, *49*, 14432-14440.
13. **McCurry, D.L.**, Krasner, S.K., von Gunten, U.; Mitch, W.A. Determinants of Disinfectant Pretreatment Efficacy for Nitrosamine Control in Chloraminated Drinking Water. *Water Research*, **2015**, *84*, 161-170.

14. **McCurry, D.L.**, Bear, S.E., Bae, J., Sedlak, D.L., McCarty, P.L., Mitch, W.A. Superior Removal of Disinfection Byproduct Precursors and Pharmaceuticals from Wastewater in a Staged Anaerobic Fluidized Membrane Bioreactor Compared to Activated Sludge. *Environmental Science and Technology Letters*, **2014**, *1*, 459-464.
15. Krasner, S.W., Mitch, W.A., **McCurry, D.L.**, Hanigan, D., Westerhoff, P. Formation, precursors, control, and occurrence of nitrosamines in drinking water: A review. *Water Research*, **2013**, *47*, 4433-4450.
16. Sivey, J.D., Howell, S.C., Bean, D.J., **McCurry, D.L.**, Mitch, W.A., and Wilson, C.J. Role of lysine during protein modification by HOCl and HOBr: halogen-transfer agent or sacrificial antioxidant? *Biochemistry*, **2013**, *52*, 1260-1271.
17. Pressman, J.G., **McCurry, D.L.**, Parvez, S., Teuschler, L.K., Rice, G.E., Miltner, R.J., Speth, T.F. Validation of Disinfection Byproduct Formation in Reverse-Osmosis Concentrated and Lyophilized Natural Organic Matter. *Water Research*, **2012**, *46*, (16), 5343-5354.
18. **McCurry, D.L.**, Speth, T.F., Pressman, J.G. Lyophilization and Reconstitution of Reverse-Osmosis Concentrated Natural Organic Matter from a Drinking Water Source. *Journal of Environmental Engineering*, **2012**, *138* (4), 402-410.
19. Nadagouda, M.N., Pressman, J. White, C., Speth, T.F., **McCurry, D.L.** Novel thermally stable poly(vinyl chloride) composites for sulfate removal. *Journal of Hazardous Materials*, **2011**, *188*, 19-25.

Other Publications

1. McKenna, E.; Sharma, P.; **McCurry, D.**; Hanigan, D. A Layman's Guide to Non-target and High-resolution Mass Spectrometry. *Journal of the American Water Works Association*, **2020**, *112*, 32-41.
2. Krasner, S.W.; Shirkhani, R.; Westerhoff, P.; Hanigan, D.; Mitch, W.A.; **McCurry, D.L.**; Chen, C.; Skadsen, J.; von Gunten, U. "Controlling the Formation of Nitrosamines During Water Treatment." Final Report of Water Research Foundation Project #4370, **2015**.

PRESENTATIONS

Invited Lectures

"Disinfection Byproduct Formation in Drinking Water and Recycled Wastewater" University of British Columbia WESTalks Series (hosted jointly with McGill University), delivered remotely, October 8th, 2020.

"Understanding and Preventing Disinfection Byproduct Formation during Wastewater Reuse" Department of Chemical and Environmental Engineering, University of Arizona, Tucson, AZ, November 8th, 2019.

"Environmental Mass Spectrometry at USC" Agilent Technologies, Santa Clara, CA, October 17th, 2019.

"Environmental Organic Chemistry for Safe Water Reuse: Identifying Precursors and Formation Pathways of Priority Disinfection Byproducts in Recycled Water" Department of Civil and Environmental Engineering, University of Colorado, Boulder, Boulder, CO, September 6th, 2019.

"Understanding and Preventing N-DBP Formation in Recycled Wastewater" Trussell Technologies, Pasadena, CA, November 9th, 2018.

“Applying Environmental Analytical Chemistry to Understand and Minimize Disinfection-Associated Carcinogens in Drinking Water and Recycled Wastewater” Los Angeles Metropolitan Mass Spectrometry Society, Los Angeles, CA, August 23rd, 2018.

“Understanding and Minimizing Disinfection-Associated Carcinogens in Drinking Water and Recycled Wastewater” CEE Department Seminar, University of Nevada, Reno, November 29th, 2017.

“Understanding and Minimizing Disinfection-Associated Carcinogens in Drinking Water and Recycled Wastewater” CEE Department Seminar, University of California, Los Angeles, June 1st, 2017.

Conference Oral Presentations (*Indicates Speaker)

Kim, E.*; **McCurry, D.L.**, “Aqueous contaminant oxidation with heterogenous metal catalysts and dissolved oxygen.” American Chemical Society National Meeting, delivered remotely (originally scheduled for San Francisco, CA), August 17th-20th, 2020.

Shi, J.L.*; **McCurry, D.L.**, “Formation and fate of nitromethanes during wastewater reuse processes.” American Chemical Society National Meeting, delivered remotely (originally scheduled for San Francisco, CA), August 17th-20th, 2020.

McCurry, D.L.* “Advances in DBP measurement and control enabled by GC headspace sampling,” (Invited Presentation). American Water Works Association Annual Convention & Exposition, Orlando, FL, June 16th, 2020. (Not given due to conference cancellation)

McCurry, D.L.*, Shi, J.L. "Formation of Nitromethane during Wastewater Ozonation and Implications for Direct Potable Reuse." American Chemical Society National Meeting, Philadelphia, PA, March 22-26th, 2020. (Not given due to conference cancellation)

McCurry, D.L.*, Shi, J.L. “Transformation of *N*-methylamine stimulant drugs to (halo)nitromethanes during wastewater reuse.” American Chemical Society National Meeting, San Diego, CA, August 25-29th, 2019.

Shi, J.L., **McCurry, D.L.*** “Transformation of Methamphetamine and Analogues to (Halo)nitromethane Carcinogens by Water Treatment with Ozone/Chlorine.” International Water Association Leading Edge Technology Conference, Edinburgh, UK, June 10th-14th, 2019.

McCurry, D.L.*, Huang, S., Huang, M.E. “Nitrosamine Formation Pathway Re-revisited: Importance of Dichloramine and Relevance to Water Reuse.” American Chemical Society National Meeting, Boston, MA, August 19-23rd, 2018.

McCurry, D.L.*, Mitch. W.A. “RO-induced shifts in chloramine chemistry cause nitrosamine regrowth at potable reuse plants.” International Water Association International Conference on Water Reclamation and Reuse, Long Beach, CA, July 23-27th, 2017.

McCurry, D.L.*, Mitch. W.A. “Preventing Regrowth of Nitrosamines in Wastewater Reuse by Manipulating Chloramine Chemistry.” American Chemical Society National Meeting, San Francisco, CA, April 2-6th, 2017.

McCurry, D.L.* “Formation of Chloropicrin by Ozone and Chlorine: Precursors and Reaction Pathway” American Water Works Association Water Quality Technology Conference, Indianapolis, November 15, 2016.

McCurry, D.L.*, Mitch. W.A. “Polychromatic Light for Nitrosamine Control in Recycled Wastewater.” American Chemical Society National Meeting, San Diego, CA, March 13-17, 2016.

McCurry, D.L.*, Quay, A.N., Mitch. W.A. “Primary and Secondary Amines Are Key Precursors of Halonitroalkanes, via Amine Ozonation to Nitro Compounds.” Gordon Research Seminar on Drinking Water Disinfection Byproducts, South Hadley, MA, Aug. 8-9, 2015.

McCurry, D.L.*, Mitch. W.A. “Ozone promotes chloropicrin formation in natural waters by oxidizing amines to nitro compounds.” American Chemical Society National Meeting, San Francisco, CA, August 11, 2014.

McCurry, D.L.*, Krasner, S.K., Mitch, W.A. “Preoxidative control of nitrosamine formation in chloraminated drinking water.” American Water Works Association Water Quality Technology Conference, Long Beach, CA, November 6, 2013.

McCurry, D.L.*, Sivey, J.D., Mitch, W.A. “Understanding oxidative protein damage with LC/MS and computational redesign.” Stanford Sunlight Symposium, Stanford, CA, April 2, 2013.

Pressman, J.G.* **McCurry, D.L.**, Parvez, S., Rice, G.E., Teuschler, L.K., Miltner, R.J., Speth, T.F. “Lyophilization, Reconstitution, and DBP formation in RO Concentrated NOM from a Drinking Water Source.” American Water Works Association Annual Conference and Exposition, Dallas, TX, June 10-14, 2012.

Parvez, S.* **McCurry D.L.**, Rice, G.E., Teuschler, L.K., Speth, T.F., Miltner, R.J., Pressman, J.G. “Comparison of Chemical Composition of Complex Disinfection Byproduct (DBP) Mixtures Produced by Different Treatment Methods.” Society for Risk Assessment Annual Meeting 2011, Charleston, SC, Dec. 4-7, 2011.

AWARDS/RECOGNITION

Invited speaker for the 2021 GRC on Water Disinfection, Byproducts and Health (Conference postponed to 2023)	2021
Honorable Mention for 2021 James J. Morgan Early Career Award	2021
NSF Faculty Early Career Development (CAREER) Award	2020
Rose Hills Foundation Research Fellowship	2019
Outstanding Young Engineer Award from Orange Country Engineering Council	2018
Editor’s Choice Paper in <i>ES:WRT</i> (McCurry et al., <i>ES:WRT</i> , 2016 , 2, 502.)	2017
Outstanding Reviewer for <i>Environmental Science: Water Research and Technology</i>	2017
NSF Graduate Research Fellowship	2012-2015
3 rd Place Student Oral Presentation, DBP Symposium, ACS National Meeting	2014
Student Poster Award, GRC Conference on Disinfection Byproducts	2012

Charles Deere Wiman Memorial Fellowship, Yale University	2011-2013
Yale University Fellowship	2011-2012
USEPA Traineeship	2008-2011
Civil and Environmental Engineering Departmental Scholarship	2008
1st place Civil Engineering NSF-REU Project at U. Cincinnati	2007

TEACHING

COURSES

Introduction to Environmental Engineering (CE 110) USC Co-instructor (1/6 th share) Enrollment: 18; Evaluations: TBD	(Fall 2020)
Aquatic Chemistry (ENE 562) University of Southern California Enrollment: 50; Evaluations: TBD	(Fall 2020)
Environmental Engineering Principles (ENE 200) University of Southern California Enrollment: 22; Evaluations: <i>Instructor: 4.4/5, Course: 4.2/5.</i>	(Spring 2020)
Aquatic Chemistry (ENE 562) University of Southern California Enrollment: 18; Evaluations: <i>Instructor: 4.5/5, Course: 4.6/5.</i>	(Spring 2019)
Environmental Organic Chemistry (ENE 599) University of Southern California Enrollment: 12; Evaluations: <i>Instructor: 4.6/5, Course: 4.5/5.</i>	(Fall 2018)
Aquatic Chemistry (ENE 562) University of Southern California Enrollment: 16; Evaluations: <i>Instructor: 4.9/5, Course: 4.8/5.</i>	(Spring 2018)
Aquatic Chemistry (ENE 599) University of Southern California Enrollment: 27; Evaluations: <i>Instructor: 4.8/5, Course: 4.7/5.</i>	(Spring 2017)

RESEARCH MENTORSHIP

CURRENT POSTDOCTORAL RESEARCHERS

Dr. Jean Van Buren (USC ENE postdoc) Project: DBP precursor identification in wastewater by chemical derivatization and high-resolution mass spectrometry	(Dec. 2019-)
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CURRENT PhD STUDENTS

Marella Schammel (USC ENE Ph.D Student)	(Fall 2020-)
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Project: Halogenation of parabens by free and combined chlorine: kinetics, pathways, products, and implications for greywater reuse

Zakiyyah Brown (USC ENE Ph.D Student) (Fall 2018-)

Project: Development of an ICP-MS based total organic halogen method and application to potable reuse of wastewater.

Euna Kim (USC ENE Ph.D Student) (Fall 2018-)

Project: Catalytic oxidation of trace organic contaminants in recycled water with heterogeneous metal catalysts and molecular oxygen.

Jiaming (Lily) Shi (USC ENE Ph.D Student) (Fall 2017-)

Project: Formation and fate of nitro compounds during water treatment and reuse with ozone

Sophia L. Plata (USC ENE Ph.D Student) (Fall 2015-)

(co-advised with Amy Childress)

Project: Disinfection challenges associated with treating blended seawater and wastewater upstream of membrane processes

CURRENT UNDERGRADUATES

Georgia Cardosa (USC B.S. Student) (Summer 2020-)

Project: Catalytic oxidation of trace organic contaminants in recycled water with heterogeneous metal catalysts and molecular oxygen.

Marco Kleimans (USC B.S./M.S. Student) (Fall 2019-)

Project: Transformation of stimulant drugs during wastewater reuse.

Katarina Stanley (USC B.S. Student) (Spring 2019-)

Project: Catalytic oxidation of trace organic contaminants in recycled water with heterogeneous metal catalysts and molecular oxygen.

PAST STUDENTS

Miranda Leibig (USC B.S. Student) (Fall 2018-Spring 2019)

Project: Transformation of stimulant drugs during wastewater reuse.

Current position: B.S./M.S. Student, CEE, USC

Xinle (Grace) Yao (USC B.S. Student) (Spring 2018-Summer 2019)

Project: 1) Transformation of parabens during greywater reuse. 2) Development of a new combined THM/HAA GC/MS analytical method.

Current position: M.S. Student, Stanford

Codi Weisz (USC B.S. Student) (Fall 2018-Spring 2019)

Project: Transformation of parabens during greywater reuse.

Current position: B.S. Student, CEE, USC

Shiyang (Gary) Huang (USC M.S. Student) (Summer 2017-Spring 2018)

Project: Clarifying the formation mechanism of nitrosamines during chloramination

Current position: Ph.D Student, University of New South Wales, Sydney, AU.

Jill Leva (USC B.S./M.S. Student) (Summer 2017)

Project: Environmental applications of oxygen activation with metals
Current position: Air quality consulting engineer, Ramboll, Los Angeles, CA

Meredith Huang (USC B.S. Student) (Spring, Fall 2017)
Project: Clarifying the formation mechanism of nitrosamines during chloramination
Current position: J.D. Student, UC Berkeley

HIGH SCHOOL STUDENTS

Gillian Roy (Spring 2018-Spring 2019); Andrew Sung (Summer 2019); Max Edelstein (Summer 2019);
Scarlett Pinkey (Summer 2020); Grace Kim (Fall 2019-Spring 2020)

BEFORE USC

Adam M.-A. Simpson (Stanford M.S. Student) (Fall 2016)
Project: Formation mechanisms of beta-cyanoalaine and lysine nitrile by halogenation
Current position: Ph.D. Student, Stanford University

Amanda N. Quay (Stanford Undergraduate) (Spring 2014-Spring 2016)
Project 2: Oxidative control of membrane fouling during wastewater recycling
Project 1: Formation mechanism of chloropicrin by ozone/chlorine
Current position: Ph.D. Student, Stanford University

Kala Viswanathan (Stanford M.S. Student) (Spring, Fall 2014)
Project: Formation of oxidative byproducts of histidine
Current position: Energy Fellow, NRDC, San Francisco

SELECTED AWARDS TO MENTORED STUDENTS

- 2021 Provost's Undergraduate Research Fellowship to Georgia Cardosa
- 2020 Provost's Undergraduate Research Fellowship to Georgia Cardosa
- 2020 NSF Graduate Research Fellowship to Marella Schammel
- 2020 American Water Works Association (CA-NV Section) Graduate Scholarship to Euna Kim
- 2020 Provost's Summer Research Fellowship to Marco Kleimans
- 2020 Provost's Undergraduate Research Fellowship to Katarina Stanley
- 2019 T.F. Yen Fellowship to Lily Shi (one per year in CEE Department)
- 2019 NSF Graduate Research Fellowship to Zakiyyah Brown
- 2019 Provost's Undergraduate Research Fellowship to Katarina Stanley
- 2018 CEE Master's Student Research Award (one per year in CEE department) to Gary Huang
- 2017 Provost's Undergraduate Research Fellowship to Meredith Huang

RESEARCH SUPPORT

National Science Foundation, CHE-2003472, 9/1/20– 8/31/23, \$368,804 (USC Share: \$195,129), "Collaborative Research: Parabens as a Tool for Interrogating Halogenation in Environmental Systems: Products and Pathways." USC PI: McCurry; Towson U. PI: John Sivey, Towson co-PI: Keith Reber

National Science Foundation, CBET-1944810, 3/15/20– 2/28/25, \$532,777, "CAREER: Establishing a New Retrosynthetic Framework for Identifying Precursors of Priority Disinfection Byproducts in Recycled Wastewater."

Orange County Water District, 7/1/19 – 6/30/20, \$30,000, "Development of a new mass spectrometry-based total organic chlorine analytical method to assess the safety of the UV/chlorine advanced oxidation process."

Rose Hills Foundation, 9/1/2019 – 8/31/21, \$150,000, "Transformation of Stimulant Drugs to Genotoxic Byproducts during Water Reuse and Implications for Public Health in Southern California."

Foundation for Cross-Connection Control and Hydraulic Research, 1/1/18 – 12/31/19, \$39,452, "Formation of the Carcinogen Chloropicrin from Methamphetamine and Other Stimulant Drugs during Water Treatment."

ACADEMIC SERVICE

Within USC

CEE Faculty Merit Review Committee	(2021)
CEE Standing Curriculum Committee	(2019-Present)
Traveling Mentor for USC EWB Trip to Antigua, Guatemala (May 8-14 th , 2019)	(2019)
Faculty Advisor for USC Engineers Without Borders	(2017-Present)
Organizer, USC CEE PhD Student Recruiting Weekend	(2017-Present)
Viterbi EXPO lab tours (5x)	(2019)
Explore USC scholarship interviews (8x)	(2019)
Curriculum and Practical Training (CPT) advisor for Shuyang Kao	(2017-2018)

PhD Screening Exam Committees:

Bianca Costa [Advisor: Smith] (2021)
 Shounak Joshi [Advisor: Childress] (2021)
 Zakiyyah Brown [Advisor: McCurry] (2020)
 Euna Kim [Advisor: McCurry] (2019)
 Maria Morvillo [Advisor: de Barros] (2019)
 Jinwoo Im [Advisor: de Barros] (2018)
 Lily Shi [Advisor: McCurry] (2018)
 Sophia Plata [Advisor: Childress] (2017)

PhD Qualifying Exam Committees:

Phillip Wang [Advisor: Smith] (2021)
 Ehsan Soleimani [Advisor: Sioutas] (2020)
 Xin Wei [Advisor: Childress] (2020)
 Jiaming (Lily) Shi [Advisor: McCurry] (2020)
 Jinwoo Im [Advisor: de Barros] (2019)

Ali Zarei Bagyi [Advisor: Smith] (2019)
 Sophia Plata [Advisor: Childress] (2019)
 Siming Chen [Advisor: Smith] (2018)
 Yamrot Amha [Advisor: Smith] (2018)
 Ryan Gustafson [Advisor: Childress] (2017)
 Chris Morrow [Advisor: Childress] (2017)

PhD Thesis Defense Committees:

Ali Zarei Bagyi [Advisor: Smith] (2020)
 Siming Chen [Advisor: Smith] (2019)
 Yamrot Amha [Advisor: Smith] (2019)
 Ryan Gustafson [Advisor: Childress] (2019)
 Chris Morrow [Advisor: Childress] (2018)

Outside of USC

Symposium Organizer, American Chemical Society National Meeting, ENVR Section (2020)

Member, Organic Contaminants Committee, American Water Works Association (2018-Present)

NSF Proposal Review Panelist for SBIR (6×), ENE (1x), and ECS (1×) programs (2016-Present)

Journal Reviewer (~15/yr): *Environ. Sci. Technol.*; *Environ. Sci. Technol. Letters*; (2014-Present)
Water Research; *J. Separation Science*; *Chemosphere*; *J. Haz. Mat.*; *Environmental Science: Water Research & Technology*; *J. Am Water Works Assn.*; *Water*; *Environmental Pollution*; *Separation and Purification Technology*; *Current Opinion in Environmental Science & Health*.

Proposal ad hoc reviewer for State of Minnesota, Canada Foundation for Innovation, (2019)
 and Israel Science Foundation

PAC Member, Water Environment & Reuse Foundation (Project U3R16) (2017-2018)

Founder, Stanford Environmental Engineering Program Student Seminar Series (2015)

Environmental and Water Studies Graduate Student Committee, Stanford CEE (2014-2016)

Book Chapter Reviewer, *ACS Books* (2014)

PROFESSIONAL REGISTRATION

Engineer Intern (EIT), State of Ohio (May 2011)

PRESS

“Prozac and methamphetamine likely responsible for toxins in tap water.” Katrina Krämer, [Chemistry World](https://www.chemistryworld.com/news/prozac-and-methamphetamine-likely-responsible-for-toxins-in-tap-water/4011268.article) (Royal Society of Chemistry), March 2nd, 2020, <https://www.chemistryworld.com/news/prozac-and-methamphetamine-likely-responsible-for-toxins-in-tap-water/4011268.article>

“There Are Carcinogens in Tap Water, But Don't Freak Out Too Much.” Beth Skwarecki, [Lifehacker](https://vitals.lifehacker.com/there-are-carcinogens-in-tap-water-but-dont-freak-out-1838258808), Sept. 19th, 2019, <https://vitals.lifehacker.com/there-are-carcinogens-in-tap-water-but-dont-freak-out-1838258808>