

Mindy Levine

University of Rhode Island, Department of Chemistry, 140 Flagg Road, Kingston, RI 02881;
Phone: 401-874-4243; Email: mlevine@chm.uri.edu; m_levine@uri.edu; mindy.levine@gmail.com

PROFESSIONAL EXPERIENCE

University of Rhode Island

Kingston, RI

Assistant Professor of Chemistry

July 2010-June 2016

Associate Professor of Chemistry

July 2016-present

EDUCATION

2008-2010 NIH Post-Doctoral Research Fellow, Massachusetts Institute of Technology, Cambridge, MA
2008 Ph.D., Columbia University, Graduate School of Arts and Sciences, New York, NY
2005 M.S., Columbia University, Graduate School of Arts and Sciences, New York, NY
2003 B.A., Columbia University, Columbia College, New York, NY

HONORS/AWARDS

2018 Jonathan Sessler Early Career Research Prize in Supramolecular Organic Chemistry
2018 Science Advocate, Society for Science and the Public
2018 Chair, Northeastern Section of the American Chemical Society
2017 Selected Young Observer, International Union of Pure and Applied Chemistry (IUPAC)
2017 Chair-Elect, Northeastern Section of the American Chemical Society
2016 Stanley C. Israel Award for Increasing Diversity in the Chemical Sciences
2016 Outstanding Graduate Student Mentor, University of Rhode Island College of Arts and Sciences
2016 Keynote Speaker, ACS Women Chemists Committee Regional Meeting
2016 ACS Women Chemists Committee Rising Star Award
2016 Northeast Section Younger Chemist Crossing Borders Awardee
2016 Rhode Island Business Competition Semi-Finalist
2014 University of Rhode Island Early Career Research Excellence Award
2014 Featured Academic Young Investigator, Organic Division of the ACS
2013 Thieme Chemistry Journal Award
2013 Arno Heyn Award for Volunteer Work to NESACS
2012 Younger Chemists Committee CIBA Travel Award
2010 Younger Chemists Committee Leadership Development Award
2010 National Postdoctoral Association Travel Award
2008 NIH Postdoctoral Research Fellowship.
2008 Pegram Award for Excellence in Research
2007 Women Chemists Committee Eli Lilly Travel Award
2005 Novartis Graduate Fellowship in Organic Chemistry

RESEARCH EXPERIENCE

2016- Tenured Associate Professor, University of Rhode Island, Department of Chemistry, Kingston, RI
2010-2016 Tenure-Track Assistant Professor, University of Rhode Island, Department of Chemistry, Kingston, RI
2008-2010 NIH Post-Doctoral Research Fellow, Massachusetts Institute of Technology, Cambridge, MA
2004-2008 Graduate Research Assistant, Columbia University Department of Chemistry, New York, NY
2003 Undergraduate Intern, Wyeth Pharmaceutical Company, Pearl River, NY
2002 Undergraduate Intern, Columbia University Department of Chemistry, New York, NY
1998 Research Intern, Schneider Children's Hospital, Queens, NY

TEACHING EXPERIENCE

2016- Tenured Associate Professor, University of Rhode Island, Kingston, RI

2010-present Tenure-Track Assistant Professor, University of Rhode Island, Kingston, RI
2007-2008 Adjunct Professor, Yeshiva University, New York, NY
2004-2008 Graduate and Undergraduate Mentor, Columbia University, New York, NY
2004-2005 Graduate Teaching Assistant, Columbia University, New York, NY
2003 Undergraduate Teaching Assistant, Columbia University, New York, NY

SELECTED LEADERSHIP EXPERIENCE

2018 Chair, Northeastern Section of the American Chemical Society
2017 Co-Organizer and Panelist “How to Succeed in Graduate School”
2017 Moderator and Co-Organizer, “STEM The Wage Gap” Panel Discussion
2017 NSF Panel Reviewer, Center for Chemical Innovations Panel
2017 Outreach Coordinator, Gross Science Night at the University of Rhode Island
2017 Organizer, Science Day at Striar Hebrew Elementary School (100 students)
2017 Member, University of Rhode Island Arts and Sciences Diversity Committee
2017 Co-Organizer, How to Negotiate for Your First Employment in STEM
2017 Member, University of Rhode Island Intellectual Property Committee
2016 Outreach Coordinator, The Greene School, East Greenwich, RI (80 students)
2016 Founder, Graduate Women in Chemistry Group, Kingston, RI
2016 Organizer, “Careers in Chemistry,” a two-part panel discussion series, Kingston, RI
2016 Mentor, American Chemical Society Postdoc to Faculty (P2F) Workshop, Philadelphia, PA
2016- Founder, Coordinator and Leader, Sugar Science Day for High School Girls
2016 Outreach Coordinator, The MET School, Providence, RI (3 workshops for 30 students each)
2016 Chair-Elect, Northeastern Section of the American Chemical Society (NESACS)
2016 Symposium Organizer, Middle Atlantic Regional Meeting (MARM), New York, NY
2016 Panel Reviewer, NSF-MSN Panel
2016 Ad-hoc Reviewer, SBCA Panel, NIGMS, San Diego CA
2016 Founder, Coordinator, and Leader, Sugar Science Day for High School Girls
2016 Session Chair, Division of Organic Chemistry, 251st ACS National Meeting, San Diego, CA
2016 Session Chair, Division of Organic Chemistry, 252nd ACS National Meeting, Philadelphia, PA
2016 Member, Arts and Sciences College Committee on Diversity
2016 Candidate, Chair Elect, Northeast Section of the American Chemical Society, Boston, MA
2015 Session Chair, Division of Organic Chemistry, 250th ACS National Meeting, Boston, MA
2015 Organizer, “How to Prepare for Chemistry Careers” 3-part panel sessions
2015 Outreach Coordinator, Striar Hebrew Academy, Sharon, MA
2014 Outreach Coordinator, Johnston Library, Johnston, RI
2014 South Kingstown High School Science Day Leader, South Kingstown, RI
2014 Arno Heyn Award Committee, Northeastern Section of the American Chemical Society
2014 Session Chair, Division of Organic Chemistry, 248th ACS National Meeting, San Francisco, CA
2014 Panel Reviewer, NSF-MSN Panel
2014 Nominating Committee Member, Northeastern Section of the American Chemical Society
2013 Work-Life Expert Panelist, Symposium on Careers in Chemistry, Tufts University
2013 Science Day Host, Cranston High School, Cranston, RI
2013- Founder, Coordinator, and Leader, Chemistry Camp for Middle School Girls
2013 Partner in the URI Collaboration for the Exploration of Math and Sciences (CEMS) Initiative
2013 Science Workshop Leader, The Greene School, West Greenwich, RI
2012 Panel Reviewer, NSF/NCI PESO Grant Panel Session
2012 Committee member for Organic Faculty Search Committee, University of Rhode Island
2012- GRRL Tech Workshop Leader, University of Rhode Island, Kingston, RI
2012 Co-Organizer, “How to Succeed in Graduate School”
2011- Founder, Mentor and Coordinator, ACS Project SEED, University of Rhode Island, Kingston, RI
2011- Member of the Work-Life Committee, University of Rhode Island

2010- Fellowship Coordinator, Graduate Women in Science Fellowships Committee, Boston, MA
2008- Editor and Web Coordinator, Northeastern Section of the American Chemical Society (NESACS)
2008- Feature Writer, *The Nucleus*, Publication of the American Chemical Society Northeastern Section

RESEARCH FUNDING AS AN INDEPENDENT RESEARCHER

2018 Awarded a Grant from the Rhode Island Foundation. Amount: \$76,000. Time period: 3/1/18-8/31/19. Title: Detection of Steroids and HGH Using Color-Changing Cyclodextrin Systems

2018 Awarded a \$3000 Grant as a Science and the Public Advocate

2018 Awarded a \$1500 Undergraduate Research Grant from the University of Rhode Island to support Adelaide Levinson's work on Rational Flame Retardant Development

2018 Awarded a \$3000 Project Completion Grant from the University of Rhode Island

2018 Awarded \$5000 from the Pfizer Community Grant Program to support Chemistry Camp 2019

2018 Awarded funding from the Rhode Island American Chemical Society in support of Chemistry Camp for Girls; Amount: \$500; Time period: April 2018

2018 Awarded funding as a co-PI on the Rhode Island NSF EPSCOR Grant. Amount: \$42,000; Time period: 1/1/18-8/31/18. Title: RI Consortium for Coastal Ecology Assessment, Innovation, and Modeling.

2018 Awarded a Grant from the Champlin Foundation. Amount: \$163,000; Time period: 1/1/18-12/31/18. Title: Chemistry from the Back Row: Engaging Students Using a Suite of State-of-the-Art Chemical Instruments for the Real-Time Visualization of Chemical Reactions and Phenomena.

2018 Awarded an Undergraduate Research Grant from the University of Rhode Island. Amount: \$1500; Time period: 1/1/18-6/30/18. Title: Detection of Toxic Chemicals in Tampons and Other Feminine Hygiene Products.

2017 Awarded a Proposal Development Research Grant from the University of Rhode Island Council for Research. Amount: \$14,250; Time period: 7/1/17-6/30/18. Title: Development of Boron-Based Flame Retardants for Cotton Textiles.

2017 Awarded a Contract from Lanxess Corporation. Amount: \$80,702; Time period: 1/1/17-6/30/18. Title: Cyclodextrin-Based Complexation of Small Molecules for Improved Toxicant Degradation and Water Purification Efforts.

2017 Awarded a Project Completion Grant. Amount: \$3000; Time period: 5/1/17-6/30/17

2016 Awarded a contract from International Dioxide, Inc. Amount: \$7018; Time period: 5/1/16-8/31/16.

2016 Awarded NSF-EPSCOR funding for Summer Research Program. Time period: 5/1/16-7/31/16.

2016 Expanded Scope of Work Supplement to, "CAREER: Cyclodextrin-Promoted Energy Transfer: From Fundamental Molecular Interactions to Complex System Performance; Funding agency: NSF-MSN; Amount: \$68,667.

2016 Awarded a grant from the Rhode Island Science and Technology Advisory Council. Amount: \$99,520; Time period: 1/26/16-12/31/16. Title: Development of a Cyclodextrin-Based Sensor

2016 Awarded a grant from the Pfizer Community Grant Program. Amount: \$5000; Time period: April 2016.

2015 Awarded a Multi-PI Grant from the National Science Foundation Major Research and Instrumentation (MRI) Program. Amount: \$202,993; Time period: 9/1/15-8/31/18. Title: MRI: Acquisition of a 400 MHz NMR Spectrometer for Chemistry and Chemical Forensics

2015 Awarded a Grant from the National Science Foundation, Macromolecular, Supramolecular, and Nanochemistry Division. Amount: \$459,732 (direct); Time period: 3/1/15-2/28/20. Title:

CAREER: Cyclodextrin-Promoted Energy Transfer: From Fundamental Molecular Interactions to Complex System Performance

- 2014** Awarded a Multi-PI Grant from the Champlin Foundations. Amount: \$155,000; Time period: 1/1/2015-12/31/2015. Title: An Advanced Hyperspectral Imaging System
- 2014** Awarded a Grant from the Rhode Island Foundation. Amount: \$15,000 (direct); Time period: 3/1/14-2/28/15. Title: Tuning Fluorescence Energy Transfer for Carcinogen Detection and Medical Diagnostics
- 2014** Awarded a Grant from the National Cancer Institute. Amount: \$239,250 (direct); Time period: 5/1/14-4/30/16. Title: (PQA4) Detecting Carcinogens in Complex Environments via Energy Transfer
- 2013** Awarded a Multi-PI Grant from the Champlin Foundations. Amount: \$135,000; Time period: 1/1/2014-12/31/2014; All funding shared for instrumentation purchases. Title: Advanced Instrumentation for Probing Structure and Physiological Function of Purified Target Molecules
- 2013** Awarded a Council for Research Proposal Development Grant. Amount: \$15,000; Time period: 7/1/2013-6/30/2014. Title: Detecting Small Molecule Carcinogens with Supramolecular Organic Chemistry
- 2012** Awarded a Multi-PI Grant from the Gulf of Mexico Research Initiative. Amount: \$213,816 to M. Levine; \$1,097,900 total. Time period: 10/1/2013-4/30/2015. Title: Multifunctional Colloidal Particles as Dispersants for Maximizing Biodegradation of Crude Oil.
- 2012** Awarded a Grant from the Dreyfus Foundation Special Grant Program in the Chemical Sciences. Amount: \$15,112; Time period: 1/1/2013-4/30/2014. Title: Chemistry Camp Over Spring Break.
- 2012** Awarded a Grant from the URI Foundation. Amount: \$2804; Time period: 1/1/2012-12/31/2012; Title: Using a MicroLab Spectrometer to Measure the Properties of a Fluorescent Organic Dye.
- 2010** Awarded a Grant from the Rhode Island INBRE Research Center. Amount: 353,152; Time period: 2/1/2011-4/30/2013. Title: Synthesis of New Polyamines for siRNA Complexation and Delivery.
- 2010** Awarded a Grant from the URI Foundation. Amount: \$3450; Time period: 2/1/2011-1/31/2012. Title: Thin Film Applications of Organic Polymers in an Undergraduate Teaching Laboratory.

PUBLICATIONS AS AN INDEPENDENT RESEARCHER

1. Mako, T. L.; Racicot, J. M.; Levine, M. "Supramolecular Luminescent Sensors." *Chem. Rev.* **2019**, *invited manuscript submitted*.
2. DiScenza, D. J.; Lynch, J.; Feder, E.; Levine, M. "Detection of Bisphenol A and Derivatives in Human Urine via Cyclodextrin-Promoted Fluorescence Modulation." *Anal. Methods* **2018**, *revision submitted*.
3. Levine, M. Chapter in "Mom the Chemistry Professor: Volume 2," Springer, August **2018**, *publication expected*.
4. DiScenza, D. J.; Smith, M. A.; Intravaia, L. E.; Levine, M. "Efficient Detection of Phthalate Esters in Human Saliva via Fluorescence Spectroscopy." *Anal. Lett.* **2018**, *accepted*; DOI: 10.1080/00032719.2018.1471086.
5. DiScenza, D. J.; Lynch, J.; Verderame, M.; Smith, M. A.; Levine, M. "Cyclodextrin-Promoted Fluorescence Detection of Aromatic Toxicants and Toxicant Metabolites in Commercial Milk Products." *Food Anal. Methods* **2018**, *Ahead of Print*; DOI: 10.1007/s12161-018-1228-8.
6. Levine, M.; DiScenza, D. J. "Sweet, Sweet Science: Addressing the Gender Gap in STEM Disciplines Through a One-Day High-School Program in Sugar Chemistry." *J. Chem. Educ.* **2018**, *Ahead of Print*; DOI: 10.1021/acs.jchemed.7b00900.
7. Chaudhuri, S.; Verderame, M.; Mako, T. L.; Bandara, Y. M. N. D. Y.; Fernando, A. I.; Levine, M. "Synthetic β -Cyclodextrin Dimers for Squaraine Binding: Effect of Host Architecture on Photophysical Properties, Aggregate Formation, and Chemical Reactivity." *Eur. J. Org. Chem.* **2018**, *2018*, 1964-1974.
8. DiScenza, D. J.; Lynch, J.; Verderame, M.; Serio, N.; Prignano, L.; Gareau, L.; Levine, M. "Efficient

Fluorescence Detection of Aromatic Toxicants and Toxicant Metabolites in Human Breast Milk.” *Supramol. Chem.* **2018**, *30*, 267-277.

9. DiScenza, D. J.; Culton, E.; Verderame, M.; Lynch, J.; Levine, M. “Towards Rational Chemosensor Design through Improved Understanding of Experimental Parameter Variation and Tolerance in Cyclodextrin-Promoted Fluorescence Detection.” *Chemosensors* **2017**, *5* (4), 34.

10. Chaudhuri, S.; DiScenza, D. J.; Smith, B.; Yocum, R.; Levine, M. “Array-Based Detection of Isomeric and Analogous Analytes Employing Synthetically Modified Fluorophore Attached β -Cyclodextrin Derivatives.” *New J. Chem.* **2017**, *41*, 14431-14437.

11. DiScenza, D. J.; Lynch, J.; Miller, J.; Verderame, M.; Levine, M. “Detection of Organochlorine Pesticides in Contaminated Marine Environments via Cyclodextrin-Promoted Fluorescence Modulation.” *ACS Omega* **2017**, *2*, 8591-8599.

12. Tamgho, I.-S.; Chaudhuri, S.; Verderame, M.; DiScenza, D. J.; Levine, M. “A Highly Versatile Fluorenone-Based Macrocycle for the Sensitive Detection of Polycyclic Aromatic Hydrocarbons and Fluoride Anions.” *RSC Adv.* **2017**, *7*, 28489-28493.

13. DiScenza, D. J.; Serio, N.; Gareau, L.; Roque, J.; Verderame, M.; Levine, M. “Cyclodextrin-Promoted Detection of Aromatic Toxicants and Toxicant Metabolites in Urine.” *Anal. Chem. Lett.* **2016**, *6*, 345-353.

14. DiScenza, D. J.; Verderame, M.; Levine, M. “Detection of Benzene and Alkylated Benzene Derivatives in Fuel Contaminated Environments.” *CLEAN - Soil, Air, Water* **2016**, *44*, 1621-1627.

15. Talbert, W.; Jones, D.; Morimoto, J.; Levine, M. “Turn-On Detection of Pesticides via Reversible Fluorescence Enhancement of Conjugated Polymer Nanoparticles and Thin Films.” *New J. Chem.* **2016**, *40*, 7273-7277.

16. Chaudhuri, S.; Zaki, H.; Levine, M. “An Environmentally Friendly Procedure for the Aqueous Oxidation of Benzyl Alcohols to Aldehydes with Dibromodimethylhydantoin (DBDMH) and Cyclodextrin.” *Synth. Commun.* **2016**, *46*, 636-644.

17. DiScenza, D. J.; Levine, M. “Sensitive and Selective Detection of Alcohols via Fluorescence Modulation.” *Supramol. Chem.* **2016**, *28*, 881-891.

18. DiScenza, D. J.; Levine, M. “Selective Detection of Non-Aromatic Pesticides via Cyclodextrin-Promoted Fluorescence Modulation.” *New J. Chem.* **2016**, *40*, 789-793.

19. Serio, N.; Levine, M. “Solvent Effects in the Extraction and Detection of Polycyclic Aromatic Hydrocarbons from Complex Oils in Complex Environments.” *J. Inclusion Phenom. Macrocyclic Chem.* **2016**, *84*, 61-70.

20. Serio, N.; Roque, J.; Badwal, A.; Levine, M. “Rapid and Efficient Pesticide Detection via Cyclodextrin-Promoted Energy Transfer.” *Analyst* **2015**, *140*, 7503-7507.

21. Levine, M.; Serio, N.; Radaram, B.; Chaudhuri, S.; Talbert, W. “Addressing the STEM Gender Gap by Designing and Implementing an Educational Outreach Chemistry Camp for Middle School Girls.” *J. Chem. Educ.* **2015**, *92*, 1639-1644.

22. Radaram, B.; Levine, M. “Rationally Designed Supramolecular Organic Hosts for Benzo[a]pyrene Binding and Detection.” *Eur. J. Org. Chem.* **2015**, *2015*, 6194-6204.

23. Serio, N.; Moyano, D. F.; Rotello, V. M.; Levine, M. “Array-Based Detection of Persistent Organic Pollutants via Cyclodextrin Promoted Energy Transfer.” *Chem. Commun.* **2015**, *51*, 11615-11618.

24. Serio, N.; Levine, M. “Efficient Extraction and Detection of Aromatic Toxicants from Crude Oil and Tar Balls using Multiple Cyclodextrin Derivatives.” *Marine Pollution Bull.* **2015**, *95*, 242-247.

25. Marks, P.; Radaram, B.; Levine, M.; Levitsky, I. A. “Highly Efficient Detection of Hydrogen Peroxide in Solution and in the Vapor Phase via Fluorescence Quenching.” *Chem. Commun.* **2015**, *51*, 7061-7064.

26. Chaudhuri, S.; Phelan, T.; Levine, M. “Cyclodextrin-Promoted Diels Alder Reactions of a Polycyclic Aromatic Hydrocarbon under Mild Reaction Conditions.” *Tetrahedron Lett.* **2015**, *56*, 1619-1623.

27. Serio, N.; Chanthalya, C.; Peters, S.; Levine, D.; Levine, M. “2-Hydroxypropyl beta-Cyclodextrin for the

Enhanced Performance of Dual Function Extraction and Detection Systems in Complex Oil Environments.” *J. Inclusion Phenom. Macrocyclic Chem.* **2015**, *81*, 341-346.

28. Serio, N.; Prignano, L.; Peters, S.; Levine, M. “Detection of Medium-Sized Polycyclic Aromatic Hydrocarbons via Fluorescence Energy Transfer.” *Polycyclic Aromatic Compounds* **2014**, *34*, 561-572.

29. Radaram, B.; Levine, M. “A Green Bromination Method for the Synthesis of Benzylic Dibromides.” *Tetrahedron Lett.* **2014**, *55*, 4905-4908.

30. Serio, N.; Chanthalya, C.; Prignano, L.; Levine, M. “Cyclodextrin-Promoted Energy Transfer for Broadly Applicable Small-Molecule Detection.” *Supramol. Chem.* **2014**, *26*, 714-721.

31. Radaram, B.; Mako, T.; Levine, M. “Sensitive and Selective Detection of Cesium via Fluorescence Quenching.” *Dalton Trans.* **2013**, *42*, 16276-16278.

32. Serio, N.; Chanthalya, C.; Prignano, L.; Levine, M. “Cyclodextrin-Enhanced Extraction and Energy Transfer of Carcinogens in Complex Oil Environments.” *ACS Applied Materials Interfaces* **2013**, *5*, 11951-11957.

33. Gharavi, J.; Marks, P.; Moran, K.; Kingsborough, B.; Verma, R.; Chen, Y.; Deng, R.; Levine, M. “Chiral Cationic Polyamines for Chiral Microcapsules and siRNA Delivery.” *Bioorg. Med. Chem. Lett.* **2013**, *23*, 5919-5922.

34. Radaram, B.; Potvin, J.; Levine, M. “Highly Efficient Non-Covalent Energy Transfer in All-Organic Macrocycles.” *Chem. Commun.* **2013**, *49*, 8259-8261.

35. Mako, T.; Levine, M. “Synthesis of a Fluorescent Conjugated Polymer in the Undergraduate Organic Teaching Laboratory.” *J. Chem. Educ.* **2013**, *90*, 1376-1379.

36. Marks, P.; Cohen, S.; Levine, M. “Highly Efficient Quenching of Nanoparticles for the Detection of Electron-Deficient Nitroaromatics.” *J. Polym. Sci. A Polym. Chem.* **2013**, *51*, 4150-4155.

37. Serio, N.; Miller, K.; Levine, M. “Efficient Detection of Polycyclic Aromatic Hydrocarbons and Polychlorinated Biphenyls via Three-Component Energy Transfer.” *Chem. Commun.* **2013**, *49*, 4821-4823.

38. Levine, M.; Marks, P. “Fluorophores, Fluorescent Polymers, and Energy Transfer in an Undergraduate Laboratory Setting.” *ACS Symposium Series* **2012**, *1108*, 27-49.

39. Mueller, P.; Fronczek, F. R.; Smith, S. J.; Mako, T.; Levine, M. “Two Polymorphs of 1,8-Dichloroanthracene.” *Acta Cryst. C* **2013**, *69*, 199-203.

40. Marks, P.; Levine, M. “Synthesis of a Near-Infrared Emitting Squaraine Dye in an Undergraduate Organic Laboratory.” *J. Chem. Educ.* **2012**, *89*, 1186-1189.

41. Mako, T.; Marks, P.; Cook, N.; Levine, M. “Fluorescent Detection of Polycyclic Aromatic Hydrocarbons in Ternary Cyclodextrin Complexes.” *Supramol. Chem.* **2012**, *24*, 743-747.

42. Marchetti, L.; Levine, M. “Biomimetic Catalysis.” *ACS Catal.* **2011**, *1*, 1090-1118.

PRESENTATIONS AS AN INDEPENDENT RESEARCHER

1. “On Breastfeeding, Supramolecular Chemistry, and Long Commutes: Life as an Associate Professor, Wife, and Busy Mother of Three.” Levine, M. *Oral presentation invited abstract accepted*, 256th ACS National Meeting, Boston **2018**.

2. “A Highly Interdisciplinary Cyclodextrin-MOF Experiment for the Senior Undergraduate Chemistry Laboratory.” Levine, M.; Jones, D. R.; Mako, T. L. *Oral presentation abstract accepted*, 256th ACS National Meeting, Boston **2018**.

3. “Higher Order Cyclodextrin Architectures: Synthesis, Binding, and Colorimetric Detection Applications.” Levine, M. *Oral presentation abstract accepted*, 256th ACS National Meeting, Boston **2018**.

4. “Supramolecular Complexation in Cyclodextrin Cavities: From Fundamental Intermolecular Interactions to Complex Sensor Performance.” *Award address abstract accepted*, 13th International Symposium on Macrocyclic and Supramolecular Chemistry, Quebec City 2018.

5. "The Synthesis and Characterization of Novel Fluorene-Containing Conjugated Polymers." Jones, D. R.; Levine, M. *Poster presentation abstract accepted*, 256th ACS National Meeting, Boston **2018**.
6. "The Synthesis of Novel Fluorescent Polymers for the Fluorescence Detection of Bisphenol A and its Derivatives." Jones, D. R.; Levine, M. *Poster presentation abstract accepted*, 20th Northeast Student Chemistry Research Conference, Boston **2018**.
7. "Synthetic Procedures for Higher Order Cyclodextrin Architectures." Levine, M. *Poster presentation abstract accepted*, Gordon Research Conference on Organic Reactions and Process, Easton **2018**.
8. "Cyclodextrin Complexation: From Solution-State Complexes to Paper-Based Devices." Levine, M. *Invited talk*, Weizmann Institute of Science, Rehovot **2018**.
9. "Design, Implementation, and Evaluation of an Interdisciplinary Undergraduate Laboratory Experiment in Paper-Based Devices for Synthetic Analyte Detection." Mako, T. L.; Levine, M. *Poster presentation abstract accepted*, 256th ACS National Meeting, Boston **2018**.
10. "Highly Sensitive, Colorimetric, Paper-Based Devices for the Detection of Nitrate in Marine Ocean Environments." Mako, T. L.; Racicot, J. M.; Levine, M. *Poster presentation abstract accepted*, 256th ACS National Meeting, Boston **2018**.
11. "Modification of Cellulose with Cyclodextrin Derivatives for Solid State Detection of Toxicants." Racicot, J. M.; Mako, T. L.; Levine, M. *Poster presentation abstract accepted*, 256th ACS National Meeting, Boston **2018**.
12. "Synthesis and Evaluation of Novel Triazine Based Aromatic Boronic Acids Functionalized on Cellulose for Flame Retardancy." Cromwell, B.; Levinson, A.; Levine, M. *Poster presentation abstract accepted*, 256th ACS National Meeting, Boston **2018**.
13. "Detection of Organochlorine Pesticides in Contaminated Marine Environments via Cyclodextrin-Promoted Fluorescence Modulation." DiScenza, D. J.; Levine, M. *Oral presentation abstract accepted*, 256th ACS National Meeting, Boston **2018**.
14. "Advocacy, Action, and Aggravation as a Female Associate Chemistry Professor, Mother, and Wife." *Invited talk*, Tel Aviv University, Tel Aviv **2018**.
15. "Sweet, Sweet Science: Addressing the Gender Gap in STEM Disciplines through a One-Day High School Program in Sugar Chemistry." DiScenza, D. J.; Levine, M. *Poster presentation abstract submitted*, 256th ACS National Meeting, Boston **2018**.
16. "Microfluidic Devices for the Colorimetric Detection of Nutrients in Seawater." Mako, T. L.; Racicot, J. M.; Levine, M. *Poster presentation abstract submitted*, C-AIM Research Symposium, Kingston **2018**.
17. "Supramolecular Chemistry and Device Development Based on Cyclodextrin Chemistry." *Invited talk scheduled*, Technion University, Haifa **2018**.
18. "Practical Detection Applications Enabled Through Supramolecular Chemistry." Levine, M. *Invited oral presentation*, Dartmouth College, November **2017**.
19. "Undergraduate Research at the University of Rhode Island: What You Need to Know to Get Started." Levine, M. *Invited oral presentation*, First Undergraduate Research Conference, University of Rhode Island, September **2017**.
20. "Cyclodextrin-Promoted Detection of Aromatic Toxicants and Toxicant Metabolites in Human Breast Milk." DiScenza, D. J.; Levine, M. *Poster presentation*, 254th ACS National Meeting, Washington DC, August **2017**.
21. "Cyclodextrin Supramolecular Complexes for the Detection of Delta-9-tetrahydrocannabinol in Saliva." Smith, M.; Levine, M. *Poster presentation*, 254th ACS National Meeting, Washington DC, August **2017**.
22. "The Synthesis of Novel Fluorescent Polymers for the Fluorescent Detection of Bisphenol A and its Derivatives." Jones, D. R.; Levine, M. *Poster presentation*, 254th ACS National Meeting, Washington DC, August **2017**.

23. "Prospective Look at the Potential of Boron Containing Moieties as Flame Retardants for Cotton." Cromwell, B.; Levine, M. *Poster presentation*, 254th ACS National Meeting, Washington DC, August **2017**.
24. "Functionalized Organic Macrocycles for Tunable Anion and PAH Detection." Levine, M. *Oral presentation*, 254th ACS National Meeting, Washington DC, August **2017**.
25. "Synthetic Macrocycles and Polymer Architectures." Levine, M. *Poster presentation*, Gordon Research Conference on Molecular Devices and Switches, New Hampshire, July **2017**.
27. "Cyclodextrin-Promoted Detection of Aromatic Toxicants and Toxicant Metabolites in Human Breast Milk." DiScenza, D. J.; Levine, M. *Poster presentation*, Gordon Research Seminar on Molecular Devices and Switches, New Hampshire, July **2017**.
27. Detection of Organochlorine Pesticides in Contaminated Biological Systems via Cyclodextrin-Promoted Fluorescence Modulation." Julie Lynch, Dana J. DiScenza, Molly Verderame, 10th Annual RI SURF Conference, Kingston, RI July **2017**.
28. "Detection of BPA in Marine Environments through use of Conjugated Fluorescent Polymer System" Ryan Vallee, Dan Jones, Mindy Levine 10th Annual RI SURF Conference, Kingston, RI July **2017**.
29. "How to Succeed In Graduate School." *Invited speaker*, Boston University Women in Chemistry Luncheon, July **2017**.
30. "Supramolecular Organic Chemistry for Practical Detection Applications." *Invited seminar*, Bar Ilan University, June **2017**.
31. "Macrocycle-Promoted Energy Transfer: From Fundamental Science to Applied, Practical Detection Applications." Levine, M. *Invited seminar*, Russell Sage College, April **2017**.
32. "Detection of Organochlorine Pesticides in Contaminated Marine Systems via Cyclodextrin-Promoted Fluorescence Modulation." Lynch, J.; DiScenza, D. J.; Verderame, M.; Levine, M. *Poster presentation*, 19th Annual Northeast Student Chemistry Research Conference, April **2017**.
33. "Prospective Look at the Potential of Boron Containing Moieties as Flame Retardants for Cotton and Cotton-Based Textiles." Cromwell, B.; Levine, M. *Poster presentation*, 19th Annual Northeast Student Chemistry Research Conference, April **2017**.
34. "Cyclodextrin-Based Systems for Toxicant Detection and Environmental Remediation." Levine, M. *Invited seminar*, University of Delaware, February **2017**.
35. "Non-Covalent Energy Transfer for Practical Detection Applications." Levine, M. *Invited seminar*, University of New Hampshire, November 2016.
36. "Cyclodextrin-Based Energy Transfer: From Fundamental Science to Detection Applications." Levine, M. *Invited seminar*, Rhode Island College, November **2016**.
37. "Balancing the Equation of Parenting, Professorship, and Personal Satisfaction as a Female Chemistry Professor." *Keynote address*, 41st Northeast Regional Meeting (NERM), Binghamton, October **2016**; NERM-68.
38. "New Methods for the Detection of Environmental Toxicants in Anthropogenically- and Naturally-Contaminated Environments." Levine, M. *Oral presentation*, 6th EuChems Conference, Seville, Spain, September **2016**.
39. "Cyclodextrin-Based Systems for Toxicant Detection and Environmental Remediation." Levine, M. *Invited seminar*, Clark University, Worcester, September **2016**.
40. "Cyclodextrin-Based Systems for Toxicant Detection and Environmental Remediation." Levine, M. *Invited seminar*, University of Massachusetts Lowell, September **2016**.
41. "New Applications of Cyclodextrin-Promoted Non-Covalent Interactions in Complex Systems." Levine, M.; DiScenza, D.; Verderame, M. *Oral presentation*, 252nd ACS National Meeting, Philadelphia, August **2016**; ORGN-666.
42. "Rapid Detection of Environmentally Persistent Pesticides via Fluorescence Enhancement of Conjugated

Polymer Nanoparticles and Thin Films.” Jones, D.; Levine, M. *Poster presentation*, 252nd ACS National Meeting, Philadelphia, August **2016**; ORGN-523.

43. “Synthesis of Fluorophore Appended Cyclodextrins and Higher Order Architectures for Improved Sensing and Understanding of Molecular Interactions.” Chaudhuri, S.; Levine, M. *Poster presentation*, 252nd ACS National Meeting, Philadelphia, August **2016**; ORGN-520.

44. “Detection of Benzene and Alkylated Benzene Derivatives in Fuel Contaminated Environments via Cyclodextrin-Promoted Fluorescence Modulation.” DiScenza, D.; Verderame, M.; Levine, M. *Poster presentation*, 252nd ACS National Meeting, Philadelphia, August **2016**; ENVR-659.

45. “Understanding Fluorescence Energy Transfer for Toxicant Detection and Environmental Monitoring Efforts.” Verderame, M.; DiScenza, D.; Serio, N.; Levine, M. *Poster presentation*, 252nd ACS National Meeting, Philadelphia, August **2016**; ENVR-670.

46. “Cyclodextrin-Based Arrays for Improved Selectivity in Aromatic Analyte Detection.” DiScenza, D. J.; Feder, E.; Levine, M. *Poster presentation*, 252nd ACS National Meeting, Philadelphia, August **2016**.

47. “Synthesis of BODIPY-Appended beta-Cyclodextrin Sensors for Improved Understanding of Molecular Interactions.” Rix, G.; Chaudhuri, S.; Levine, M. *Poster presentation*, EPSCOR Conference, Kingston, July **2016**.

48. “Detection and In-Situ Fluorescence-Based Monitoring of Hydrocarbon Food Sources in Complex Marine Environments.” Miller, J. L.; DiScenza, D. J.; Levine, M. *Poster presentation*, EPSCOR Conference, Kingston, July **2016**.

49. “The Fluorescent Detection of BPA and Learning Organic Synthetic Techniques.” Ngan, J.; Jones, D.; Levine, M. *Poster presentation*, INBRE Conference, Kingston, July **2016**.

50. “Synthetically Modified Cyclodextrin for Sensing and Catalysis.” Chaudhuri, S.; Levine, M. *Poster presentation*, Graduate Research Symposium in Organic Chemistry, Philadelphia, July **2016**.

51. “Synthetic Macrocycles and New Reaction Methodology. Levine, M.; Tamgho, I.-S.; Radaram, B.; Jones, D.; Chaudhuri, S. *Poster presentation*, Gordon Research Conference on Organic Reactions and Processes, Easton, July **2016**.

52. “Detection of Benzene and Alkylated Benzene Derivatives in Fuel Contaminated Environments via Cyclodextrin-Promoted Fluorescence Modulation.” DiScenza, D. J.; Verderame, M.; Levine, M. *Poster presentation*, 71st Northwest Regional Meeting of the American Chemical Society, Anchorage, June **2016**; NORM-24.

53. “Understanding Fluorescence Energy Transfer for Toxicant Detection and Environmental Monitoring Efforts.” Verderame, M.; DiScenza, D. J.; Serio, N.; Levine, M. *Poster presentation*, 71st Northwest Regional Meeting of the American Chemical Society, Anchorage, June **2016**; NORM-2.

54. “Cyclodextrin-Promoted Energy Transfer for Non-Covalent Interactions and Toxicant Detection.” Levine, M.; DiScenza, D. J.; Serio, N. *Oral presentation*, 44th Middle Atlantic Regional Meeting of the American Chemical Society, Riverdale, June **2016**; MARM-62.

55. “Cyclodextrin Complexation: From Fundamental Science to Applied Toxicant Detection.” Levine, M. *Invited presentation*, 36th Reaction Mechanisms Conference, St. Louis, June **2016**.

56. “Cyclodextrin Complexation: From Fundamental Science to Applied Toxicant Detection.” Levine, M. *Invited seminar*, University of Massachusetts Boston, April **2016**.

57. “Array-Based Detection of Polycyclic Aromatic Hydrocarbons in Plasma for Environmental Detection Applications.” Gareau, L.; DiScenza, D. J.; Levine, M. *Poster presentation*, RI-EPSCOR Research Symposium, Narragansett, April **2016**.

58. “Rapid Detection of Environmentally Persistent Pesticides via Fluorescence Enhancement of Conjugated Polymer Nanoparticles and Thin Films.” Jones, D.; Talbert, W.; Morimoto, J.; Levine, M. *Poster presentation*, RI-EPSCOR Research Symposium, Narragansett, April **2016**.

59. "Detection of Benzene and Alkylated Benzene Derivatives in Fuel Contaminated Environments via Cyclodextrin-Promoted Fluorescence Modulation." DiScenza, D. J.; Verderame, M.; Levine, M. *Oral presentation*, Northeast Student Chemistry Research Conference, Boston, April **2016**.
60. "Rapid Detection of Environmentally Persistent Pesticides via Fluorescence Enhancement of Conjugated Polymer Nanoparticles and Thin Films." Jones, D.; Morimoto, J.; Talbert, W.; Levine, M. *Poster presentation*, Northeast Student Chemistry Research Conference, Boston, April **2016**.
61. "Detection of Bisphenol Derivatives by Organic Polymer-Derived Nanoparticles." Badwal, A.; Jones, D.; Levine, M. *Poster presentation*, Northeast Student Chemistry Research Conference, Boston, April **2016**.
62. "Cyclodextrin Complexation: From Fundamental Science to Applied Toxicant Detection." Levine, M. *Invited seminar*, Brown University, March **2016**.
63. "Array-Based Detection of Carcinogens and Carcinogen Metabolites in Breast Milk." Gareau, L.; Cook, N.; Prignano, L.; Levine, M. *Poster presentation*, 251st ACS National Meeting, San Diego, March **2016**; ENVR-513.
64. "Synthetic Polymers and Macrocycles for Enhanced Supramolecular Complexation and Detection." Levine, M.; Radaram, B.; Tamgho, I.-S. *Oral presentation*, 251st ACS National Meeting, San Diego, March **2016**; ORGN-356.
65. "On Supramolecular Organic Chemistry, Breastfeeding, and Commuting: Life as a Chemistry Professor, Mom of Three, and Half of a Dual Career Couple." Levine, M. *Award address*, 251st ACS National Meeting, San Diego, March **2016**; WCC-9.
66. "Cyclodextrin Complexation: From Fundamental Science to Applied Toxicant Detection." Levine, M. *Invited seminar*, Seton Hall University, March **2016**.
67. "Cyclodextrin Complexation: From Fundamental Science to Applied Toxicant Detection." Levine, M. *Invited seminar*, West Virginia University, March **2016**.
68. "Cyclodextrin Complexation: From Fundamental Science to Applied Toxicant Detection." Levine, M. *Invited seminar*, Carnegie Mellon University, March **2016**.
69. "Non-Covalent Interactions for Toxicant Detection and Oil Remediation." Levine, M. *Invited seminar*, University of California Riverside, February **2016**.
70. "Cyclodextrin-Complexation: From Fundamental Science to Applied Toxicant Detection." Levine, M. *Invited seminar*, University of California Los Angeles, February **2016**.
71. "Non-Covalent Interactions for Toxicant Detection and Oil Remediation." Levine, M. *Invited seminar*, University of California San Diego, February **2016**.
72. "Cyclodextrin Complexation: From Fundamental Science to Applied Toxicant Detection." Levine, M. *Invited seminar*, University of Southern California, February **2016**.
73. "Detection of PAHs via Energy Transfer using Mixed Cyclodextrins Solutions." Smith, B.; Serio, N.; Levine, M. *Poster presentation*, Gulf of Mexico Oil Spill and Ecosystem Conference, Tampa, February **2016**.
74. "Cyclodextrin-Based Systems for Environmental Remediation Applications." Levine, M.; Serio, N.; Smith, B.; Prignano, L.; Chanthalya, C. *Poster presentation*, Gulf of Mexico Oil Spill and Ecosystem Conference, Tampa, February **2016**.
75. "Cyclodextrin-Based Systems for Carcinogen Detection and Environmental Remediation." Levine, M. *Invited seminar*, Coast Guard Academy, February **2016**.
76. "Cyclodextrin-Based Systems for Carcinogen Detection and Environmental Remediation." Levine, M. *Invited seminar*, Bridgewater State University, November **2015**.
77. "Cyclodextrin-Based Energy Transfer: From Fundamental Science to Applied Toxicant Detection." Levine, M. *Invited seminar*, Barnard College, September **2015**.
78. "Cyclodextrin-Promoted Energy Transfer as a Tool for Probing Noncovalent Interactions." Levine, M. *Oral presentation*, 250th ACS National Meeting, Boston, August **2015**; ORGN-336.

79. "Fluorescent Conjugated Polymer Nanoparticles for the Sensitive Detection of Aromatic Analytes." Levine, M.; Talbert, W.; Marks, P. *Oral presentation*, 250th ACS National Meeting, Boston, August **2015**; POLY-55.
80. "Chemistry Camp for Middle School Girls." Levine, M.; Serio, N.; Radaram, B.; Chaudhuri, S.; Talbert, W. *Oral presentation*, 250th ACS National Meeting, Boston, August **2015**; CHED-470.
81. "Selective Detection of Aliphatic Alcohols via Proximity-Induced Fluorescence Modulation." DiScenza, D. J.; Levine, M. *Poster presentation*, 250th ACS National Meeting Boston, August **2015**; ENVR-200.
82. Detection of Polycyclic Aromatic Hydrocarbons via Three-Component Energy Transfer in Urine." Gareau, L.; Serio, N.; Levine, M. *Poster presentation*, INBRE Conference, Kingston, July **2015**.
83. "Detection of PAHs via Three-Component Energy Transfer in Human Breast Milk." Prignano, L.; Levine, M. *Poster presentation*, INBRE Conference, Kingston, July **2015**.
84. "Results of Summer Research Conducted by High School Students in the Levine Laboratory." Feder, E.; Mendonca, J.; Pouliot, A.; Zaki, H.; Levine, M. *Poster presentation*, INBRE Conference, Kingston, July **2015**.
85. "Cyclodextrin-Based Systems for Proximity-Induced Energy Transfer." Levine, M.; Serio, N. *Poster presentation*, Gordon Research Conference on Artificial Molecules, Switches, and Motors, Easton, June **2015**.
86. "Supramolecular Chemistry: From Carcinogen Detection to Oil Remediation." Levine, M. *Invited seminar*, Hunter College, May **2015**.
87. "Functional Supramolecular Architectures for Toxicant Detection in Complex Environments." Levine, M. *Invited seminar*, New York University, May **2015**.
88. "Cyclodextrin-Based Energy Transfer: From Fundamental Science to Detection Applications." Levine, M. *Invited seminar*, Yeshiva University, May **2015**.
89. "Macrocyclic-Promoted Energy Transfer for Broad-Based Toxicant Detection." Levine, M. *Invited seminar*, Stony Brook University, May **2015**.
90. "Highly Efficient Detection of Hydrogen Peroxide in Solution and in the Vapor Phase via Fluorescence Quenching." Radaram, B.; Levitsky, I. A.; Levine, M. *Oral presentation*, Northeast Student Regional Conference, Boston, April **2015**.
91. "Array-Based Detection of Carcinogens and Carcinogen Metabolites in Urine." Gareau, L.; Serio, N.; Prignano, L.; Levine, M. *Poster presentation*, 249th ACS National Meeting, Denver, March **2015**; ENVR-417.
92. "Functional Supramolecular Architectures for Toxicant Detection in Complex Environments." Levine, M. *Invited seminar*, Worcester Polytechnic Institute, March **2015**.
93. "Functional Supramolecular Architectures for Toxicant Detection in Complex Environments." Levine, M. *Invited seminar*, Columbia University, March **2015**.
94. "Macrocyclic Interactions: From Fundamental Science to Applied Performance." Levine, M. *Invited seminar*, UNC Greensboro, March **2015**.
95. "Cyclodextrin-Based Energy Transfer: From Fundamental Science to Detection Applications." Levine, M. *Invited seminar*, Bryant University, March **2015**.
96. "Multi-Functional Cyclodextrin-Based Systems for the Environmental Remediation of Oil Spills." Levine, M.; Serio, N. *Poster presentation*, 2015 Gulf of Mexico Oil Spill and Ecosystem Science Conference, Houston, January **2015**.
97. "Using Cyclodextrins for Pollutant Extraction and Array-Based Detection via Ternary Complex Formation in Complex Environments." Serio, N.; Levine, M. *Poster presentation*, 2015 Gulf of Mexico Oil Spill and Ecosystem Science Conference, Houston, January **2015**.
98. "Cyclodextrin Complexation: From Carcinogen Detection to Oil Spill Remediation." Levine, M. *Invited seminar*, Tufts University, January **2015**.
99. "Supramolecular Organic Chemistry for Carcinogen Detection Applications." Levine, M. *Oral presentation*, 8th

Meeting of the Biology New England South (BioNES), Bristol, December **2014**.

100. "Detection of Aliphatic Alcohols in Complex Environments." DiScenza, D. J.; Levine, M. *Oral presentation*, 8th Meeting of the Biology New England South (BioNES), Bristol, December **2014**.

101. "Array-Based Detection of Carcinogens and Carcinogen Metabolites in Urine." Roque, J.; Levine, M. *Oral presentation*, 8th Meeting of the Biology New England South (BioNES), Bristol, December **2014**.

102. "Macrocycle-Promoted Energy Transfer for Toxicant Detection." Levine, M. *Invited seminar*, Brandeis University, Waltham **2014**.

103. "Energy Transfer in Complex Environments." Levine, M. *Invited seminar*, Northeastern University, Boston **2014**.

104. "Detecting Small-Molecule Toxicants Using Fluorescent Organic Chemistry." Levine, M. *Invited seminar*, Connecticut College, New London **2014**.

105. "Fluorescent Energy Transfer for Toxicant Detection." Levine, M. *Invited seminar*, Union College, Schenectady **2014**.

106. "Macrocycle-Promoted Energy Transfer for Broad-Based Toxicant Detection." Levine, M. *Oral presentation*, 248th ACS National Meeting, San Francisco **2014**; ORGN-308.

107. "Benzylic Bromination by 1,3-Dibromo-5,5-dimethylhydantoin." Radaram, B.; Levine, M. *Poster presentation*, 248th ACS National Meeting, San Francisco **2014**; ORGN-994.

108. "Toxicant Detection in Complex Biological Environments." Prignano, L.; Levine, M. *Poster presentation*, 248th ACS National Meeting, San Francisco **2014**; CHED-209.

109. "Organic Macrocycles and Their Role in Supramolecular Energy Transfer." Levine, M. *Poster presentation*, GRC Organic Reactions and Processes, Smithfield **2014**.

110. "Cyclodextrin-Mediated Supramolecular Catalysis of Diels-Alder Reactions involving Polycyclic Aromatic Hydrocarbons." Chaudhuri, S.; Phelan, T.; Levine, M. *Poster presentation*, Northeast Student Chemistry Research Conference, Boston **2014**.

111. "Developing a Series of Arene-Containing Metallo-Macrocycles for the Sequestration and Sensing of PAHs." Talbert, W.; Morimoto, J.; Levine, M. *Poster presentation*, Northeast Student Chemistry Research Conference, Boston **2014**.

112. "Facile Detection of PAHs via Three-Component Energy Transfer in Complex Biological Environments." Gareau, L.; Prignano, L.; Serio, N.; Levine, M. *Poster presentation*, Northeast Student Chemistry Research Conference, Boston **2014**.

113. "Facile Detection of PAHs via Three-Component Energy Transfer in Complex Environments for Oil Spill Response." Serio, N.; Levine, M. *Poster presentation*, 2014 Gulf of Mexico Oil Spill and Ecosystem Conference, Mobile **2014**.

114. "A Dual Function System for the Sequestration and Detection of Oil-Spill Related Polycyclic Aromatic Hydrocarbons." Levine, M.; Serio, N.; Prignano, L.; Chanthalya, C. *Poster presentation*, 2014 Gulf of Mexico Oil Spill and Ecosystem Conference, Mobile **2014**.

115. "Proximity-Induced Fluorescence Energy Transfer for Toxicant Detection." Levine, M. *Invited seminar*, Boston University, Boston **2013**.

116. "Highly Efficient Energy Transfer in Electronically-Dissymmetric Macrocycles." Radaram, B.; Levine, M. *Oral Presentation*, Northeast Regional Meeting (NERM), New Haven, October **2013**; NERM-91.

117. "Females in Academia: On Being a Mother, Wife, and Assistant Chemistry Professor." Levine, M. *Invited talk*, 246th ACS National Meeting, Indianapolis **2013**; WCC-8.

118. "Synthesis of a Suite of Electronically Dissymmetric Macrocycles." Levine, M. *Poster presentation*, Gordon Research Conference in Organic Reactions and Processes, Smithfield, RI, July **2013**.

119. "Array-Based Detection of Carcinogenic Polycyclic Aromatic Hydrocarbons (PAHs) and Toxic Polychlorinated Biphenyls." Serio, N.; Miller, K.; Mako, T.; Levine, M. *Oral presentation*, 245th ACS National Meeting, New Orleans, April **2013**; ORGN-744.
120. "Electronically Dissymmetric Fluorescent Organic Macrocycle for the Detection of Polycyclic Aromatic Hydrocarbons." Chaudhuri, S.; Radaram, B.; Levine, M. *Poster presentation*, 245th ACS National Meeting, New Orleans, April **2013**; ORGN-596.
121. "Synthesis of an Electronically Dissymmetric Macrocycle." Radaram, B.; Levine, M. *Poster presentation*, 245th ACS National Meeting, New Orleans, April **2013**; ORGN-675.
122. "Synthesis of a Fluorescent Conjugated Polymer in the Undergraduate Teaching Laboratory." Mako, T.; Levine, M. *Poster presentation*, 245th ACS National Meeting, New Orleans, April **2013**; CHED-529.
123. "Chiral Polymer-Derived Microcapsules as New Chiral Reactors." Levine, M.; Marks, P. *Invited talk*, 245th ACS National Meeting, New Orleans, April **2013**; POLY-197.
124. "Synthesis of a Boron-Based Organometallic Near-IR Emitting Fluorescent Macrocycle." Mako, T.; Levine, M. *Poster presentation*, 245th ACS National Meeting, New Orleans, April **2013**; ORGN-595.
125. "Organic Nanotechnology for Oil Spill Detection and Environmental Remediation." Levine, M. *Oral presentation*, RIN2 seminar series, Kingston, March **2013**.
126. "Progress Toward the Synthesis of Fluorescent Organic Macrocycles." Cook, N.; Levine, M. *Poster presentation*, 243rd ACS National Meeting, San Diego **2012**; ORGN-137.
127. "Progress Towards the Synthesis of a Chiral Fluorescent Polyamine." Suits, M.; Levine, M. *Poster presentation*, Northeast Undergraduate Research Symposium, Maine **2012**.
128. "Energy Transfer Between Polycyclic Aromatic Hydrocarbons and Fluorophores in the Presence of Macrocycles." Mako, T.; Levine, M. *Poster presentation*, Northeast Undergraduate Research Symposium, Maine **2012**.
129. "Design and Synthesis of a Dissymmetric Organic Macrocycle." Rhadaram, B.; Levine, M. *Poster presentation*, Northeast Student Undergraduate Research Conference, Boston **2012**.
130. "A Suite of Dissymmetric Organic Macrocycles." Levine, M.; Rhadaram, B.; Potvin, J. *Poster presentation*, Gordon Research Conference, Smithfield **2012**.
131. "High School Researchers at the University of Rhode Island." Cohen, S.; Natale, J.; DeMarco, E.; Lucht, B.; DeBoef, B.; Levine, M. *Poster presentation*, Summer Undergraduate Research Fellows Conference, Kingston **2012**.
132. "Progress Towards the Synthesis of a Chiral Fluorescent Polyamine." Suits, M.; Flynn, K.; Levine, M. *Poster presentation*, Summer Undergraduate Research Fellows Conference, Kingston **2012**.
133. "Synthesis of Organic Conjugated Polymers in an Undergraduate Teaching Laboratory." Levine, M.; Marks, P. *Oral presentation*, 244th ACS National Meeting, Philadelphia **2012**; CHED-95.
134. "Synthesis of Fluorescent Macrocycles and Polymers by Click Chemistry." Levine, M.; Potvin, J.; Cook, N. *Oral presentation*, 244th ACS National Meeting, Philadelphia **2012**; ORGN-661.
135. "Synthesis of Chiral Polyethyleneimines for RNA Complexation and Delivery." Gharavi, J.; Moran, K.; Levine, M. *Poster presentation*, 244th ACS National Meeting, Philadelphia **2012**; POLY-271.
136. "Synthesis of a Self-Assembled Near-Infrared Emitting Macrocycle." Mako, T.; Levine, M. *Poster presentation*, 244th ACS National Meeting, Philadelphia **2012**; ORGN-766.
137. "Energy Transfer from a Variety of Polycyclic Aromatic Hydrocarbons to Fluorophores." Miller, K.; Levine, M. *Poster presentation*, 244th ACS National Meeting, Philadelphia **2012**; ORGN-771.
138. "Fluorescent Organic Nanoparticles with Significant Visible Light Absorption for Cancer Imaging and Detection." Marks, P.; Levine, M. *Poster presentation*, 244th ACS National Meeting, Philadelphia **2012**; ORGN-640.

139. "Design and Synthesis of a Dissymmetric Organic Macrocycle." Radaram, B.; Levine, M.; Potvin, J. *Poster presentation*, 244th ACS National Meeting, Philadelphia **2012**; ORGN-658.
140. "Synthesis and DNA Binding of Chiral Cationic Polyamines." Levine, M. *Oral presentation*, Frontiers in Pharmaceutical Sciences Conference, Kingston, September **2012**.
141. "Design and Synthesis of a Dissymmetric Organic Macrocycle." Radaram, B.; Levine, M. *Poster presentation*, Frontiers in Pharmaceutical Sciences Conference, Kingston, September **2012**.
***Awarded poster competition.**
142. "Supramolecular Organic Chemistry in Explosive Detection, Catalysis, and Cancer Treatment." Levine, M. *Invited seminar*, Colby College, September **2012**.
143. "Progress on the Synthesis of a Fluorescent Organic Macrocycle." Cook, N.; Sherman, M.; Levine, M. *Poster presentation*, 38th Northeast Regional Meeting of the American Chemical Society, Rochester, September **2012**; NERM-399.
144. "Fluorescent Nanoparticles in an Undergraduate Teaching Laboratory." Mako, T.; Levine, M. *Poster presentation*, 5th Annual IMNI celebration, Brown University, November **2012**.
***Awarded poster competition.**
145. "Macrocycle Chemistry for Oil Spill Detection and Cleanup." Levine, M. *Invited seminar*, Stonehill College, December **2012**.
146. "Chiral Amines: From Outer Space to Cellular Delivery." *Invited Talk*, University of Massachusetts Boston, **2011**.
147. "Fluorescent Polymers and Macrocycles in Turn-on Detection Schemes." *Invited Talk*, Providence College, **2011**.
148. "Progress in the Synthesis of an all-Organic Dissymmetric Macrocycle." Flynn, K.; Levine, M. *Poster presented*, Northeast Undergraduate Research and Development Symposium, **2011**.
149. "Energy Transfer in Nanoparticles and Ternary Complexes." Levine, M.; Mako, T.; Flynn, K.; Marks, P. *Poster presented*, Rhode Island Nanoscience Consortium, **2011**.
150. "All-Organic Macrocycles for Sensing and Catalysis." Levine, M.; Flynn, K. *Poster presented*, National Organic Symposium, Princeton, **2011**.
151. "Supramolecular Organocatalysis of Challenging Diels-Alder Reactions." Levine, M.; Flynn, K. *Poster presented*, GRC in Organic Reactions and Processes, **2011**.
152. "Synthesis and siRNA Delivery of Polyethyleneimines." Suits, M.; Gharavi, J.; Levine, M. *Poster presented*, Summer Undergraduate Research Fellowship (SURF) INBRE conference, Kingston, **2011**.
153. "Synthesis of Chiral Cationic Polyamines." Gharavi, J.; Levine, M. *Poster presentation*, 4th Northeast Regional IDEa Meeting, Newport **2011**.
154. "Adventures in Supramolecular Organic Chemistry." *Seminar presented*, University of Rhode Island Summer Seminar Series, Kingston **2011**.
155. "Synthesis and siRNA Binding Studies of Chiral Cationic Polyamines." *Platform presentation*, 4th Northeast Regional IDEa Meeting, Newport **2011**.
156. "Synthesis of Dissymmetric Organic Macrocycle for Sensing and Catalysis." Flynn, K.; Levine, M. *Poster presentation*, 242nd ACS National Meeting, Denver, **2011**; CHED-218.
157. "Organic Near-Infrared Squaraine Dyes in an Undergraduate Teaching Laboratory." Levine, M.; Marks, P. *Oral presentation*, 242nd National Meeting, Denver, **2011**; CHED-269.
158. "Energy Transfer in Ternary Macrocycle Complexes." Mako, T.; Levine, M. *Poster presentation*, 242nd National Meeting, Denver, **2011**; ORGN-496.
159. "Synthesis of Fluorescent Organic Macrocycles." Levine, M.; Cook, N.; Potvin, J. *Oral presentation*, 242nd

National Meeting, Denver, **2011**; ORGN-565.

160. "Synthesis and siRNA Complexation Abilities of Chiral Cationic Polyamines." Levine, M.; Gharavi, J.; Sherman, M. *Oral presentation*, 242nd ACS National Meeting, Denver, **2011**; POLY-493.

161. "Supramolecular Macrocycles for Sensing and Catalysis." *Invited Talk*, Roger Williams College, **2011**.

162. "Chiral Cationic Polymers for siRNA Delivery." Moran, K.; Levine, M. *Poster presentation*, 6th BioNES Meeting, Roger Williams University, **2011**.

MANUSCRIPT REFEREE

2018: *Journal of Molecular Structure; Artificial Cells, Nanomedicine, and Biotechnology; Nanomedicine; African Journal of Engineering; Sensors; Current Microwave Chemistry*

2017: *Supramolecular Chemistry, Advanced Materials, Journal of the American Chemical Society, Journal of Inclusion Phenomena and Macrocyclic Chemistry, Journal of Chemical Education, Frontiers in Chemistry, ACS Nano, Chemical Communications, Carbohydrate Polymers, Natural Products Research, RSC Advances, Crystal Engineering Communications*

2016: *Journal of the American Chemical Society, Bioconjugate Chemistry, Advanced Materials, Chinese Journal of Catalysis, Journal of Marine Science and Engineering, Recent Innovations in Chemical Engineering, Computers and Electronics in Agriculture, Biosensors and Bioelectronics, Organic Letters, ACS Sensors, Journal of Chemical Education, Advanced Materials, Letters in Organic Chemistry, Polymer International, Journal of Inclusion Phenomena and Macrocyclic Chemistry*

2015: *Journal of the American Chemical Society, Talanta, Journal of Chemical Education, Advances in Polymer Technology, Journal of Molecular Recognition*

2014: *Journal of the American Chemical Society, Supramolecular Chemistry, ACS Applied Materials and Interfaces, Organic and Biomolecular Chemistry, Journal of Chemical Education*

2013: *New Journal of Chemistry, Chemical Communications, Journal of Organic Chemistry, Current Organic Chemistry, Journal of Royal Society Interfaces, ACS Sustainable Chemistry & Engineering, Organic and Biomolecular Chemistry, Molecular Pharmaceutics*

2012: *Journal of Biological Research, Journal of Organic Chemistry, Macromolecules*

2011: *ACS Catalysis*

2010: *Chemical Physics Letters*

2009: *Supramolecular Chemistry*

SELECTD PUBLICITY

1. "An Empirical Formula," *South County Life Magazine*, March **2018**.

2. "Champlin Foundation Awards More Than \$600,000 For Educational Tools, Technology." *URI Foundation* December **2017**.

3. "URI Chemistry Professor, Graduate Students Devise Formula for Birthday Party Business." *Providence Journal* July **2017**.

4. "URI Chemistry Professor, Students Launch Birthday Business." *URI Press Release*, July **2017**.

5. "Science can be the Life of the Party." *Narragansett Times*, July **2017**.

6. "A Mentor's Lab." Featured podcast, *URI EPSCOR Series*, July **2017**.

7. "The Science of Solutions," *URI Momentum*, Spring **2017**.

8. "Using Sugar to Stimulate Girls' Interest in Science." *WPRI.com*, February **2016**.

9. "URI Chemistry Professor Mindy Levine to Offer Sugar Science Day, Feb. 17." *URI Press Release*, February **2016**.

10. "Levine Guides Girls into Science." *Providence Business News*, November **2015**.

11. "URI's Levine Receives Rising Star Award." *Providence Business News*, October **2015**.

12. "Mindy Levine, Assistant Professor of Chemistry at URI, Wins National Rising Star Award." *URI Press Release*, October **2015**.

13. "Tiny Weapons: Nanoparticles Combat Big Oil Spills." *URI Momentum Research Magazine*, March **2015**.

14. "URI Chemistry Professor Awarded Prestigious 'Early Career' Grant for Research on Molecular

Communication.” *URI Press Release*, February **2015**.

15. “URI Assistant Professor Awarded \$650K Research Grant.” *Providence Business News*, February **2015**.

16. “Excellence is Recognized at the University of Rhode Island.” *URI Press Release*, May **2014**.

17. “URI to Host Chemistry Camp for Middle School Girls, Apr. 21-25.” *URI Press Release*, March **2014**.

18. “URI to Hold Chemistry Camp for Middle School Girls.” *Providence Journal*, March **2014**.

19. “URI Researchers Developing Tiny Weapons to Combat Big Oil Spills.” Research featured on URI Website, January **2014**.

20. “Formula for a Cool Camp: Mindy Levine’s Chemistry Camp for Middle-School Girls.” Featured in *URI Quadangles*, October **2013**.

21. “Sharon Professor Develops Chemistry Camp for Girls at URI.” Sharon MA Patch, December **2012**.