

Curriculum Vitae

Laura N. Vandenberg

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PROFESSIONAL EXPERIENCE

University of Massachusetts, Amherst, School of Public Health & Health Sciences
Associate Dean for Undergraduate Academic Affairs, 2020 – present

**University of Massachusetts, Amherst, School of Public Health & Health Sciences
Department of Environmental Health Sciences, Amherst MA**
Associate Professor, 2018 – present
Graduate Program Director, 2015 – 2020
Assistant Professor, 2013 – 2018

**University of Massachusetts, Amherst
Graduate Program in Neuroscience & Behavior**
Associate Member, 2014 – present

**Tufts University, Department of Biology and Center for Regenerative &
Developmental Biology, Medford MA**
Postdoctoral Fellow, 2008 – 2013

Harvard University School of Dental Medicine, Boston MA
Research Associate in Developmental Biology, 2008

**The Forsyth Institute, Center for Regenerative & Developmental Biology, Boston
MA**
Postdoctoral Fellow, 2007 – 2008

EDUCATION

**Tufts University School of Medicine, School of Graduate Biomedical Sciences,
Boston MA**
PhD, Cell, Molecular & Developmental Biology, 2007
*Dissertation title: "Developmental Origins of Adult Disease: Xenoestrogens and Breast
Cancer Risk"*

Cornell University, Ithaca NY
BS, Biology, Concentration in Genetics & Developmental Biology, 2003
Thesis title: "Two cleavage products of Acp26Aa can independently induce ovulation"

AWARDS & HONORS

2020-2021	Nominee, Distinguished Teaching Award, UMass Amherst
2020	Recipient, UMass Flex Funding Award
2019	Named a "Global Highly Cited Researcher" by Clarivate Analytics, owner of <i>Web of Science</i> , for the period 2008-2018
2019	Nominee, SPHHS Outstanding Teaching Award, UMass Amherst
2018-2019	Teaching for Inclusion, Diversity and Equity (TIDE) Ambassador, UMass Center for Teaching Excellence and Faculty Development
2018	Nominee, Manning Prize (UMass Teaching Award)
2017	Named a " <i>Pioneer Under 40 in Environmental Public Health</i> " by the Collaborative on Health & the Environment [one of 20 junior scientists selected by senior leaders in environmental health sciences]
2017	Recipient, Leadership in Science Award, Massachusetts Clean Water Action
2017-2018	Nominee, Distinguished Teaching Award, UMass Amherst
2017	Nominee, SPHHS Outstanding Teaching Award, UMass Amherst
2016	Recipient, Jean & Leslie Douglas Pearl Award, Cornell Douglas Foundation
2016-2017	Nominee, Distinguished Teaching Award, UMass Amherst (Finalist)
2016	Shoolman Visiting Professor, Massachusetts General Hospital
2015-2019	Recipient, NIEHS K22 Award
2015-2016	Family Research Scholar, UMass Center for Research on Families
2014-2015	Nominee, Distinguished Teaching Award, UMass Amherst (Finalist)
2013-2014	Recipient, UMass Flex Funding Award
2010	Recipient, Science Communication Fellowship, Environmental Health News
2009-2011	Recipient, NIH NRSA Postdoctoral Fellowship (F32)
2007	Recipient, Endocrine Society Travel Award
2006	Recipient, Tufts University Sackler School Travel Award
2006	Recipient, Outstanding Trainee Award, Gordon Conference, Environmental Endocrine Disruptors
2005-2006	Recipient, Sackler School Dean's Fellowship in Cancer Research, Tufts University School of Medicine
2003	Cornell University, graduation <i>Magna Cum Laude</i> and <i>Distinction in Research (Undergraduate research honors in the College of Agriculture and Life Sciences)</i>

2002-2003 Howard Hughes Research Scholar, Cornell University
A highly competitive undergraduate summer research program designed to foster interest and aptitude in research in the biological sciences.

INVITED SEMINARS

Vandenberg LN. An introduction to endocrine disrupting chemicals. BizNGO Annual Meeting. *Boston, MA, December 2019.*

Vandenberg LN. Avoiding toxic substances can lead to real benefits... but how do we do it? Parsons Healthy Materials Lab Health Symposium. *Parsons School of Design, New York, NY, November 2019.*

Vandenberg LN. Endocrine disrupting chemicals and the breast: Lessons for the global community. 2st African Meeting on Endocrine Disruptors. *University of Pretoria Future Africa Campus, South Africa, November 2019.*

Vandenberg LN. Endocrine disrupting chemicals: Regulation, Industry and Manufactured Doubt. 2st African Meeting on Endocrine Disruptors, Student & Trainee Mini-symposium. *University of Pretoria Future Africa Campus, South Africa, November 2019.*

Vandenberg LN. We are all exposed to chemicals in plastic... are we fine? The Plastic Health Summit. *Amsterdam, Netherlands, October 2019.*

Vandenberg LN. Chronic diseases associated with food packaging chemical exposures. UNWRAPPED Conference: The health risks of plastics and food packaging chemicals. *Scotts Valley, CA, June 2019.*

Vandenberg LN. Endocrine disruption and the developing brain: Insights from rodents. Tongji University Symposium on Endocrine Disruptors. *Shanghai, China, June 2019.*

Vandenberg LN. Plastic bodies in a plastic world: what environmental contaminants tell us about development. New York University School of Medicine, Department of Pediatrics, Division of Environmental Pediatrics Seminar Series. *New York, NY, May 2019.*

Vandenberg LN. Endocrine disruption and the developing brain: Insights from rodents. NYU Center for the Investigation of Environmental Hazards, Environment and the Brain Symposium. *New York, NY, May 2019.*

Vandenberg LN. Endocrine disruptors and health. Annual Assembly of the Belgian Superior Health Council. *Brussels, Belgium, May 2019.*

Vandenberg LN. Xenoestrogens and the mother: disruption of maternal-infant care by environmental chemicals. University of Illinois – Urbana-Champaign Interdisciplinary Toxicology Program Seminar Series. *Urbana-Champaign, IL, November 2018.*

Vandenberg LN. Chemical mixtures from fracking and altered mammary gland development. Breast Cancer and Environment Research Program (BCERP) Annual Meeting. *Washington, DC, November 2018.*

Vandenberg LN. Transmission of effects from environmental chemical exposures through disruptions to maternal health and behavior. World Federation of Scientists 51st Annual Meeting on Planetary Emergencies. *Erice, Sicily, Italy, August 2018.*

Vandenberg LN. Glyphosate and glyphosate-based herbicides: a case study for understanding modern safety evaluations in a global context. 14th International Congress of the European Association for Veterinary Pharmacology & Toxicology (Keynote). *Wroclaw, Poland, June 2018.*

Vandenberg LN. Pregnancy is a vulnerable period for the mother: effects of xenoestrogens on lactation and mammary gland health. PPTox VI. *Faroe Islands, May 2018.*

Vandenberg LN, Zoeller RT. Cancer and the environment (two workshops). Stowe Weekend of Hope. *Stowe, VT, May 2018.*

Vandenberg LN. Endocrine Disrupting Chemicals: new considerations in the toxic space. Massachusetts Toxic Use Reduction Use Annual Conference (Keynote). *Marlborough, MA, April 2018.*

Vandenberg LN. Environmental impacts on breast cancer: lessons from the laboratory. Adelphi University. *Garden City, New York, April 2018.*

Vandenberg LN. Endocrine disrupting chemicals and their health effects. World Health Organization workshop, Endocrine disrupting chemicals in Belarus and Ukraine: current status of knowledge and the next steps. *Minsk, Belarus, March 2018.*

Vandenberg LN. SYRINA: developing a method for the systematic review of EDCs. Society of Toxicology (SOT) Annual Meeting. *San Antonio, TX, March 2018.*

Vandenberg LN. Key Characteristics of Endocrine Disruptors. Workshop on Advancing the Key Characteristics Framework to Reproductive Toxicants and Endocrine Disruptors. *Berkeley, CA, March 2018.*

Vandenberg LN. What is safe? Coolidge Corner Theater Scholar and Film Program. *Brookline, MA, December 2017.*

Vandenberg LN. Endocrine disruptors for endocrinologists (and beyond). Beth Israel Deaconess Medical Center Endocrine Grand Rounds. *Boston, MA, October 2017.*

Vandenberg LN. Lasting impact of environmental chemicals across generations: the mother as a sensitive target. World Federation of Scientists 50th Annual Meeting on Planetary Emergencies. *Erice, Sicily, Italy, August 2017.*

Vandenberg LN. Mammary gland density: perspectives from the rodent. BCERP Annual Grantees Meeting. *Philadelphia, PA, July 2017.*

Vandenberg LN. Expanding vulnerable periods and sensitive endpoints: endocrine disruptors and the mother. SweTox Seminar. *Stockholm, Sweden, June 2017.*

Vandenberg LN. Culling, contamination, and other considerations for the evaluation of EDCs. Workshop of the European Commission: Setting Priorities for Further Development and Validation of Test Methods and Testing Approaches for Evaluating Endocrine Disruptors. *Brussels, Belgium, June 2017.*

Vandenberg LN. Non-monotonic dose responses: the role of study design and influence of study quality. International workshop on Risk Assessment of Endocrine Disruptors: Derivation of Reference Doses for Humans. *Copenhagen, Denmark, May 2017.*

Vandenberg LN. Clarity in the face of confusion: EDCs, fracking and the mammary gland. ENDO 2017. *Orlando, FL, April 2017.*

Vandenberg LN. The organizational role of hormones: a new view of estrogen and the mother. University of Missouri, Department of Biology, Seminar series. *Columbia, MO, February 2017.*

Vandenberg LN. BPA replacement chemicals force a re-thinking of critical periods. Society for the Study of Reproduction Annual Meeting. *San Diego, July 2016.*

Vandenberg LN. Endocrine disruption: past, present & future. North Atlantic Chapter of the Society of Environmental Toxicology and Chemistry (SETAC) Annual Meeting. *Amherst, MA, June 2016.*

Vandenberg LN. Becoming Rachel's Granddaughter: Studying environmental chemicals after Silent Spring. MindScope Annual Event, Simmons College. *Boston, MA, April 2016.*

Vandenberg LN. Endocrine disruptors for endocrinologists (and beyond). Massachusetts General Hospital Endocrine Grand Rounds. *Boston, MA, February 2016.*

Vandenberg LN. But we're all exposed... why should we worry about environmental chemicals? Northeastern University Reproductive Health and the Environment Symposium (Keynote). *Boston, MA, December 2015.*

Vandenberg LN. BPS as a replacement for BPA: what consequences should we anticipate? 1st annual EDC-Africa Meeting. *Kruger National Park, South Africa, November 2015.*

Vandenberg LN. Low dose effects and non-monotonic dose responses. 1st annual EDC-Africa Meeting, Student & Trainee Mini-symposium. *Kruger National Park, South Africa, November 2015.*

Vandenberg LN. Low doses of environmental contaminants and non-monotonic dose response curves, with special reference to current risk assessment practices. 2nd International Workshop on Obesity and Environmental Contaminants. *Uppsala, Sweden, October 2015.*

Vandenberg LN. Plastic bodies in a plastic world: what environmental contaminants tell us about development. University of Stockholm, Department of Environmental Science and Analytical Chemistry. *Stockholm, Sweden, October 2015.*

Vandenberg LN. Endocrine disruptors and low dose effects: should we be concerned about "the chemical stew"? ShiftCon Eco Conference. *Manhattan Beach, CA, September 2015.*

Vandenberg LN. Toxicology of "low doses": Understanding endocrine disrupting chemicals. 250th Annual Meeting of the American Chemical Society. *Boston, MA, August 2015.*

Vandenberg LN. Endocrine sensitive endpoints and low dose effects. Strengthening the Scientific Basis for Chemical Safety Assessments: A joint meeting of NIEHS and EPA. *Research Triangle Park, NC, July 2015.*

Vandenberg LN. BPA and related chemicals: why worry? Toxic Use Reduction Institute Greener Materials Research Symposium. *Lowell, MA, May 2015.*

Vandenberg LN. From plastics to pesticides: protecting patients from environmental chemical exposures. Partners in Perinatal Health Annual Conference, *Norwood, MA, May 2015.*

Vandenberg LN. Plastic bodies in a plastic world. Development, Evolution & Cancer Symposium, Tufts University School of Medicine, *Boston, MA, February 2015.*

Vandenberg LN. Low dose effects and non-monotonic dose response for hormones and EDCs. Mexican Endocrine Society Annual Meeting, *Merida, Mexico, December 2014.*

Vandenberg LN. Non-monotonicity: under which circumstances? Duke University Integrated Toxicology and Environmental Health (ITEHP) Symposium, *Durham, NC, October 2014.*

Vandenberg LN. From hormones to endocrine disruptors: lessons learned (and not learned). Biology Department Seminar Series, Middlebury College, *Middlebury, VT, October 2014.*

Vandenberg LN. Lose the jargon but don't dumb it down: lessons from an Environmental Health science communication fellowship. 18th Annual Green Chemistry & Engineering Conference, *Washington, DC, June 2014.*

Vandenberg LN. *Presented a series of five talks at: Chemicals, Health & Green Chemistry, a workshop of the Israel Environment and Health Fund. Tel Aviv, Israel, June 2014.*

1. What is endocrine disruption and why should scientists care?
2. Endocrine disrupting chemicals: is there sufficient evidence for low dose effects?
3. Non-monotonic dose responses, a 'new' challenge to chemical safety assessments
4. EDCs and human health
5. Where is endocrine disruption science going?

Vandenberg LN. A new approach: using the principles of endocrinology to study endocrine disrupting chemicals. Workshop on Future directions for application of transparent, consistent and systematic framework for risk assessment of endocrine disrupting chemicals. *London, UK, June 2014.*

Vandenberg LN. Endocrine disruptors: science & policy. University of Massachusetts – Lowell, Department of Work Environment Seminar Series. *Lowell, MA, November 2013.*

Vandenberg LN. What is endocrine disruption and why should we care? The American Society for Reproductive Medicine Annual Meeting, *Boston, MA, October 2013.*

Vandenberg LN. BPA as a model endocrine disruptor: lessons learned in the past six years. Woods Hole Oceanographic Institute Toxicology RoundTable, *Woods Hole, MA, July 2013.*

Vandenberg LN. What is endocrine disruption, and why should chemists care? 17th Annual Green Chemistry & Engineering Conference, *Washington, DC, June 2013.*

Vandenberg LN. Specificity of BPA measurement in serum: results from a laboratory round robin. Copenhagen Endocrine Disruptor Meeting (COW 2013). *Copenhagen, Denmark, May 2013.*

Vandenberg LN. Non-monotonic dose responses in studies of endocrine disrupting chemicals: bisphenol A as a case study. Dose Response Meeting. *Amherst, MA, April 2013.*

Vandenberg LN. Applying the principles of endocrinology to the study and testing of endocrine disrupting chemicals. CropLife America & RISE Spring Conference. *Washington, DC, April 2013.*

Vandenberg LN. Low dose effects and non-monotonic dose response curves. Environmental Health: Science and Policy to Protect Future Generations. *Boston, MA, March 2013.*

Vandenberg LN. When the dose doesn't make the poison: updates to our understanding of endocrine disrupting chemicals. Mount Sinai School of Medicine, Medical Grand Rounds. *New York, NY, February 2013.*

Vandenberg LN. An integrated overview of low dose studies of BPA: 2007-2013. National Institute of Environmental Health Sciences BPA Grantees Meeting, *Raleigh-Durham, NC, January 2013.*

Vandenberg LN. BPA Round Robin: results. National Institute of Environmental Health Sciences BPA Grantees Meeting, *Raleigh-Durham, NC, January 2013.*

Vandenberg LN. Endocrine disrupting chemicals: is there sufficient evidence for low dose effects and non-monotonic dose responses? US EPA, National Research Program, Chemical Safety for Sustainability. *Washington, DC, November 2012.*

Vandenberg LN. State of the science: Non-monotonic dose responses in cells, animals and humans. NIEHS/European Commission Joint Meeting on Low dose effects and Non-monotonic dose responses for endocrine active chemicals: science to practice. *Berlin, Germany, September 2012.*

Vandenberg LN. Applying principles of endocrinology to understand low dose effects of endocrine disrupting chemicals (EDCs). 3rd International Fresenius Conference: Endocrine Disruptors. *Mainz, Germany, September 2012.*

Vandenberg LN. A new paradigm: determinations of EDC chemical safety should not be based on dose. Seminar series, MA Toxics Use Reduction Institute, *Boston, MA, June 2012.*

Vandenberg LN. Relationships between exposures to endocrine disrupting chemicals and adverse human health effects. 16th Annual Green Chemistry & Engineering Conference, *Washington, DC, June 2012.*

Vandenberg LN. Hormones and endocrine disrupting chemicals: low dose effects and non-monotonic dose responses. European Food Safety Authority Scientific Colloquium on low dose response in toxicology and risk assessment, *Parma, Italy, June 2012.*

Vandenberg LN. Endocrine disrupting chemicals: when the dose doesn't make the poison. Horizons@Heinz, A Seminar Series for the John Heinz Center for Science, Economics and the Environment, *Washington, DC, May 2012.*

Vandenberg LN. When the dose doesn't make the poison: low dose effects & endocrine disrupting chemicals. University of Nebraska Medical Center, College of Public Health Grand Rounds, *Omaha, NE, May 2012.*

Vandenberg LN. Non-monotonicity in endocrine disrupting chemical studies: examples and mechanisms. Pew Health Group meeting on Non-Monotonic Doses, *Washington, DC, April 2012.*

Vandenberg LN. Demonstrating low dose effects using a weight of the evidence approach: examples and mechanisms. Pew Health Group meeting on Non-Monotonic Doses, *Washington, DC, April 2012.*

Vandenberg LN. BPA biomonitoring and round-robin approaches to validation of assays. National Institute of Environmental Health Sciences BPA Grantees Meeting, *Raleigh-Durham, NC, January 2012.*

Vandenberg LN. Low doses and non-monotonicity in the recent BPA literature: trends & new directions. National Institute of Environmental Health Sciences BPA Grantees Meeting, *Raleigh-Durham, NC, January 2012.*

Vandenberg LN. BPA: how much is in humans, and should we be worried? 15th Annual Green Chemistry & Engineering Conference, *Washington, DC, June 2011.*

Vandenberg LN. BPA is a model endocrine disruptor. e.hormone conference, *New Orleans LA, October 2010.*

Vandenberg LN. Overview of human biomonitoring studies. National Institute of Environmental Health Sciences BPA Grantees Meeting, *Research Triangle Park, September 2010. (Speaker & Discussion Leader)*

Vandenberg LN. The case of human exposure to bisphenol-A. Gordon Research Conference - Environmental Endocrine Disruptors, *Les Diablerets, Switzerland, June 2010.*

Vandenberg LN. Low doses have large effects: the case of bisphenol A. 14th Annual Green Chemistry & Engineering Conference, *Washington, DC, June 2010.*

Vandenberg LN. BPA and the fragile fetus: fetal origins of adult disease. Partners in Perinatal Health Annual Seminar, *Norwood, MA, May 2010.*

Vandenberg LN, Maffini MV. Bisphenol A: Information for Public Health Agencies. Massachusetts Department of Public Health, *Boston, MA, February 2009.*

Vandenberg LN. Does breast cancer start in the womb? The case of bisphenol A. Partners in Perinatal Health Annual Seminar, *Marlboro, MA, May 2009.*

Vandenberg LN. Xenoestrogens and the breast cancer link: The tale of Bisphenol-A. Pardon Our Appearance: Massachusetts Breast Cancer Coalition Educational Workshop, *Arlington, MA, April 2007.*

Vandenberg LN, Atkinson JC, Calafat AM, Eichmiller F, Kingman A, Marcus M, Olea N, Thayer KA, Hauser R, and Welshons WV. Bisphenol-A: Human exposure panel report. NIEHS BPA Workshop, *Research Triangle Park, NC, November 2006.*

INVITED WEBINARS

Vandenberg LN. Lessons learned from CLARITY-BPA. *Food Packaging Forum 2020 Annual Meeting, (rescheduled to a webinar due to COVID pandemic), October 2020.*

Woodruff TJ, Maffini MV, Koman T, **Vandenberg LN,** Lam J. Lightning talks: Setting New Agendas for Chemicals Policy. *UCSF's Science Response Network Webinar, October 2020.*

Vandenberg LN. Glyphosate and glyphosate-based herbicides: a case study for understanding modern safety evaluations in a global context. *Invited Speaker (rescheduled to a webinar due to COVID pandemic), Annual Meeting of the International Association of Therapeutic Drug Monitoring and Clinical Toxicology (plenary), September 2020.*

Vandenberg LN. Exposure assessments: setting priorities for science policy. *UCSF's Program on Health & Environment: Setting a new scientific agenda for chemical policy (Part II), September 2020.*

Vandenberg LN. An Update on the CLARITY-BPA Study. *Carnegie Mellon University Institute for Green Science. Webinar, July 2020.*

Vandenberg LN. Exposure assessments: let's make them public health protective. *UCSF's Program on Health & Environment: Setting a new scientific agenda for chemical policy (Part I), May 2020.*

Vandenberg LN. Distract, dismiss, delay: How industries and organizations manufacture doubt, to the detriment of environmental health. *Webinar speaker, Collaborative on Health and the Environment (CHE). February 2020.*

Vandenberg LN. Getting a clear view: Lessons from the CLARITY-BPA study. *Webinar Speaker, Collaborative on Health and the Environment (CHE) and HEEDS web series. July 2019.*

Vandenberg LN. More clarity on BPA: lessons from the core toxicity study. Carnegie Mellon University Institute for Green Science. *Webinar, CLARITY-BPA, September 2018.*

Vandenberg LN. Xenoestrogens and the mother: new lessons from a BPA-replacement chemical. Collaborative on Health and the Environment, *Webinar, 20 Environmental Health Leaders Under 40. October 2017.*

Vandenberg LN. SYRINA: a method for evaluating evidence on EDCs. Navigation Guide Work Group Meeting Webinar. *September 2016.*

Vandenberg LN. BCERP animal experiments: addressing 'what', 'when', 'how' and 'how much'. *Speaker, BCERP Animal Harmonization Group, Webinar, May 2016.*

Vandenberg LN. Contaminations by contaminants: challenges for exposure science. European EDC MIX-RISK Webinar Series. *February 2016.*

Vandenberg LN. Bisphenol A, endocrine disruption, and the evaluation of alternatives. IC2: Interstate Chemicals Clearinghouse Webinar. *June, 2015.*

Vandenberg LN. Low dose exposures and bisphenol S. Health and Environmental Funders Network (HEFN) and Rachel's Network Webinar. *January 2015.*

Vandenberg LN. Low doses, environmental chemicals, and breast cancer risk. Breast Cancer and the Environment Research Program. *Webinar, COTC/CP, October 2014.*

Vandenberg LN. An update on our understanding of low dose effects and non-monotonic dose responses. The Collaborative on Health and the Environment. *Webinar, Endocrine Disrupting Chemicals: Exposure, Research and Regulation, September 2013.*

PUBLICATIONS (PEER-REVIEWED JOURNALS)

* indicates **graduate** student coauthors, ** indicates **undergraduate** student coauthors

102. Zhang J, Yu Z, Shen J, **Vandenberg LN**, Yin D. 2021. Sex-dependent obesogenic potential of erythromycin after multi-generational exposure to *Drosophila melanogaster*. *In press, Science of the Total Environment (STOTEN).*

101. Szabo G**, **Vandenberg LN**. 2021. The male mammary gland: a novel target of endocrine disrupting chemicals. *In Press, Reproduction. doi: 10.1530/REP-20-0615*

100. **Vandenberg LN**, Bugos J**. 2021. Assessing the Public Health Implications of the Food Preservative Propylparaben: Has this Chemical Been Safely Used for Decades? *In Press, Current Environmental Health Reports. doi: 10.1007/s40572-020-00300-6*

99. Vom Saal FS, **Vandenberg LN**. Update on the health effects of bisphenol A: Overwhelming evidence of harm. *In press, Endocrinology. doi: 10.1210/endocr/bqaa171*

98. Demeneix B, **Vandenberg LN**, Ivell R, Zoeller RT. 2020. Thresholds and endocrine disruptors: An Endocrine Society Policy Perspective. *Journal of the Endocrine Society*. 4 (10): bvaa085.
97. **Vandenberg LN**, Najmi A*, Mogus JP*. 2020. Agrochemicals with estrogenic endocrine disrupting properties: lessons learned? *Molecular & Cellular Endocrinology*. May 11: 110860.
96. Yu Z, Shen J, Li Z, Yao J, Li W, Xue L, **Vandenberg LN**, Yin D. 2020. Obesogenic effect of sulfamethoxazole on *Drosophila melanogaster* through rhythm disorders, glucolipid metabolism, and microbiota. *Environmental Science & Technology*. 54(9): 5667-5675.
95. Kassotis CD, **Vandenberg LN**, Demeneix B, Slama R, Trasande L. 2020. Endocrine disrupting chemicals: economic, regulatory, and policy implications. *The Lancet Diabetes and Endocrinology*. 8(8): 719-30.
94. Muncke J, Andersson A-M, Backhaus T, Boucher JM, Almroth BC, Castillo AC, Chevrier J, Demeneix BA, Emmanuel JA, Fini J-B, Gee D, Geueke B, Groh K, Heindel JJ, Houlihan J, Kassotis CD, Kwiatkowski CF, Lefferts LL, Maffini MV, Martin OV, Myers JP, Nadal A, Nerin C, Pelch KE, Fernandez SR, Sargis RM, Soto AM, Trasande L, **Vandenberg LN**, Wagner M, Wu C, Zoeller RT, Scheringer M. 2020. Impacts of food contact chemicals on human health: a consensus statement. *Environmental Health*. 19(1): 25.
93. Nagel SC, Kassotis CD, **Vandenberg LN**, Lawrence P, Robert J, Balise T*. 2020. Developmental exposure to oil and gas chemicals alters adult health, behavior, and disease. *Molecular & Cellular Endocrinology*. Mar 5: 110722.
92. Dhangada Majhi P, Sharma A*, Roberts A, Daniel E, Majewski A*, Chuong L**, Black A*, Dunphy KA, Schneider SS, **Vandenberg LN**, Jerry DJ. 2020. Benzophenone-3 and propylparaben induce estrogen receptor-dependent R-loop and DNA damage in breast epithelial cells. *Environmental Health Perspectives*. 128(1): 17002.
91. **Vandenberg LN**, Prins G, Patisaul HB, Zoeller RT. 2020. The use and misuse of historical controls in regulatory toxicology: lessons from the CLARITY-BPA study. *Endocrinology*. 161(5): bqz014.
90. Matouskova K*, Jerry DJ, **Vandenberg LN**. 2020. Exposure to Low Doses of Oxybenzone During Perinatal Development Alters Mammary Gland Morphology in Male and Female Mice. *Reproductive Toxicology*. 92: 66-77.
89. **Vandenberg LN**, Kolla S*, LaPlante CD**, Jerry DJ. 2020. The mouse mammary gland: a tool to inform adolescents about environmental causes of breast cancer. *Journal of Cancer Education*. 35(6): 1094-1100.
88. Kolla S*, McSweeney DB**, Pokharel A**, **Vandenberg LN**. 2019. Bisphenol S alters development of the male mouse mammary gland and sensitizes it to a pubertal estrogen challenge. *Toxicology*. 424: 152234.
87. Keller M[♠], **Vandenberg LN**[♠], Charlier TD. 2019. The parental brain and behavior: a target for endocrine disruption. *Frontiers in Neuroendocrinology*. 54: 100765. [♠]Equal contributors.
86. Goldberg R*, **Vandenberg LN**. 2019. Distract, delay, disrupt: Examples of manufactured doubt from five industries. *Reviews on Environmental Health*. 34(4): 349-363.
85. La Merrill MA, **Vandenberg LN**, Smith MT, Goodson W, Browne P, Patisaul HB, Guyton KZ, Kortenkamp A, Coglianò V, Woodruff TJ, Rieswijk L, Sone H, Korach K, Gore AC, Zeise L,

- Zoeller RT. 2020. Key characteristics of endocrine disruptors as a basis for hazard identification. *Nature Reviews Endocrinology*. 16(1): 45-57.
84. Kolla S*, **Vandenberg LN**. 2019. Data describing effects of perinatal exposure to Bisphenol S on a peripubertal estrogen challenge in intact female mice. *Data in Brief*. 25: 103862.
83. Porta M, **Vandenberg LN**. 2019. There are good clinical, scientific, and social reasons to strengthen links between biomedical and environmental research. *Journal of Clinical Epidemiology*. 111: 124-126.
82. **Vandenberg LN**. 2019. Low dose effects challenge the evaluation of endocrine disrupting chemicals. *Trends in Food Science & Technology*. 84: 58-61.
81. **Vandenberg LN**, Hunt PA, Gore AC. 2019. Endocrine disruptors and the future of toxicity testing: lessons from CLARITY-BPA. *Nature Reviews Endocrinology*. 15(6): 366-374.
80. Pokharel A**, Kolla S*, Matouskova K*, **Vandenberg LN**. 2018. Asymmetric development of the male mouse mammary gland and its sensitivity to a prenatal or postnatal estrogen challenge. *Reproductive Toxicology*. 82: 63-71.
79. Prins GS, Patisaul HB, Belcher SM, **Vandenberg LN**. 2019. CLARITY-BPA academic laboratory studies identify consistent low-dose bisphenol A effects on multiple organ systems. *Basic & Clinical Toxicology & Pharmacology*. 125(Suppl 3): 14-31.
78. Hill CE*, Myers JP, **Vandenberg LN**. 2018. Non-monotonic dose response curves are relevant to regulatory decision making. *Journal of Dose Response*. 16(3): 1-4.
77. LaPlante CD**, Bansal R, Dunphy KA, Jerry DJ, **Vandenberg LN**. 2018. Oxybenzone alters mammary gland morphology in mice exposed during pregnancy and lactation. *Journal of the Endocrine Society*. 2(8): 903-921.
76. Kolla S**, Morcos M**, Martin B**, **Vandenberg LN**. 2018. Low dose bisphenol S or ethinyl estradiol exposures during the perinatal period alter female mouse mammary development. *Reproductive Toxicology*. 78: 50-59.
75. Jerry DJ, Shull J, Dunphy KA, Schneider SS, Hadsell DL, Rijnkels M, **Vandenberg LN**, Byrne C, Trentham-Dietz A. 2018. Genetic variation in sensitivity to estrogens and breast cancer risk. *Mammalian Genome*. 29(1-2): 24-37.
74. Sapouckey SA**, Kassotis CD*, Nagel SC, **Vandenberg LN**. 2018. Prenatal exposure to unconventional oil and gas operation chemical mixtures altered mammary gland development in adult female mice. *Endocrinology*. 159(3): 1277-1289.
73. Maffini MV, **Vandenberg LN**. 2017. Closing the gap: improving additives safety evaluation to reflect human health concerns. *Environmental Risk Assessment and Remediation*. 1(3): 26-33.
72. Catanese MC*, **Vandenberg LN**. 2018. Developmental estrogen exposures and disruptions to maternal behavior and brain: effects of ethinyl estradiol, a common positive control. *Hormones and Behavior*. 101: 113-124.
71. LaPlante CD**, **Vandenberg LN**. 2017. Data describing lack of effects of 17alpha-ethinyl estradiol on mammary gland morphology in female mice exposed during pregnancy and lactation. *Data In Brief*. 14: 337-343.

70. LaPlante CD**, Catanese MC*, Bansal R, **Vandenberg LN**. 2017. Bisphenol S alters the lactating mammary gland and nursing behaviors in mice exposed during pregnancy and lactation. *Endocrinology*. 158(10): 3448-61.
69. Catanese MC*, **Vandenberg LN**. 2017. Low doses of 17 α -ethinyl estradiol alter the maternal brain and induce stereotypies in CD-1 mice exposed during pregnancy and lactation. *Reproductive Toxicology*. 73: 20-29.
68. Bornman R, Aneck-Hahn N, de Jager T, Wagenaar I, Bouwman H, Barnhoorn I, Patrick S, **Vandenberg LN**, Kortenkamp A, Blumberg B, Kimmins S, Jegou B, Auger J, DeGangi J, Heindel JJ. 2017. Endocrine disruptors and health effects in South Africa: a call to action. *Environmental Health Perspectives*. 125 (8): 085005.
67. Bernier MR**, **Vandenberg LN**. 2017. Handling of thermal paper: implications for dermal exposure to bisphenol A and its alternatives. *PLOS ONE*. 12(6): e0178449.
66. Hill CE*, Sapouckey SA**, Suvorov A, **Vandenberg LN**. 2017. Developmental exposures to bisphenol S, a BPA replacement, alter estrogen-responsiveness of the female reproductive tract: a pilot study. *Cogent Medicine*. 4:1317690.
65. Kolla S**, Pokharel A**, **Vandenberg LN**. 2017. The mouse mammary gland as a sentinel organ: distinguishing 'control' populations with diverse environmental histories. *Environmental Health*. 16(1):25.
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H-index of 43, as of November 2020 (Google Scholar)
Indicates that I am an author on 43 publications that are cited 43 or more times each.

i10-index of 76, as of November 2020 (Google Scholar)
Indicates that I am an author on 76 publications that are cited at least 10 times each.

Google Scholar Profile:

https://scholar.google.com/citations?hl=en&user=R7V9ccYAAAAJ&view_op=list_works

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Vandenberg LN. The BPA show. Radio interview, *Green Street with Patti & Doug Wood*, September 28, 2010. <http://www.greenstreetradio.com/092810.html>

Vandenberg LN. Formaldehyde in baby shampoos; polycarbonate plastic and bisphenol A. Radio interview, *World News Network*, January 14, 2010. http://wn.com/vandenberg_bpa

Vandenberg LN and Maffini MV. The chemical in your baby's bottle. *Boston Globe Op/Ed*, March 23, 2009.

http://www.boston.com/bostonglobe/editorial_opinion/oped/articles/2009/03/23/the_chemical_in_your_babys_bottle/

Myers JP, vom Saal FS, Akingbemi BT, Arizono K, Belcher S, Colborn T, Chahoud I, Crain DA, Farabollini F, Guillette LJ Jr, Hassold T, Ho SM, Hunt PA, Iguchi T, Jobling S, Kanno J, Laufer H, Marcus M, McLachlan JA, Nadal A, Oehlmann J, Olea N, Palanza P, Parmigiani S, Rubin BS, Schoenfelder G, Sonnenschein C, Soto AM, Talsness CE, Taylor JA, **Vandenberg LN**, Vandenberg JG, Vogel S, Watson CS, Welshons WV, Zoeller RT. 2009. Re: Good laboratory practices and safety assessments. [Letter in response to Becker et al]. *Environmental Health Perspectives* 117: A482-3.

Vandenberg LN, Maffini MV, Rubin BS, Sonnenschein C, Soto AM. Response to the final draft of the NTP-CERHR report on the reproductive and developmental toxicity of bisphenol A. *CERHR website*, January 2008.

http://cerhr.niehs.nih.gov/chemicals/bisphenol/pubcomm/Soto_BPA_PanelRptCms_Jan08.pdf.

Vandenberg LN, Maffini MV, Rubin BS, Soto AM. Response to the interim draft of the NTP-CERHR report on the reproductive and developmental toxicity of bisphenol A. *CERHR website*, June 2007.

http://cerhr.niehs.nih.gov/chemicals/bisphenol/pubcomm/Soto_comments_BPA_interim.pdf

Additional interviews with Huffington Post, NY Times, Martha Stewart Living Magazine, Glamour Magazine, Time Magazine, NPR's Here and Now, USA Today, The Boston Globe, Environmental Health News, Mother Jones, The Intercept, and Men's Health (among others).

FELLOWSHIPS, FUNDING & CONTRACTS

- JPB Foundation 01/2020 – 10/2020
Project title: Making exposure assessments public health protective
Role: Contractor (PI)
- NIH/NIEHS R25ES031498 01/2020 – 12/2024
Project title: Near-peer mentoring in environmental health: chemical exposures and disease risk
Role: PI
- Paul G. Allen Foundation 02/2018 – 02/2020
Project Title: Reading & Writing the Morphogenetic Code. Using Pharmaceuticals to Counter Chemical Teratogens.
Role: PI (UMass)
- NIH/NIEHS U13 ES030986 06/2019 – 05/2020
Project Title: Second African Conference on Health Effects of Endocrine Disruptors
Role: PI
- NIH/NIEHS K22 ES025811 08/2015 – 07/2019
Project Title: Impact of Environmental Estrogens on Sexually Dimorphic Development of the Mouse Mammary Gland
Role: PI
- Great Neck Breast Cancer Coalition 05/2014 – 05/2020
Project Title: Introducing Adolescents to Breast Cancer & Environment Research
Role: PI

- NIH/NIEHS 1U01 ES026140-01 09/2015 – 07/2021
Project Title: Disruption of parity-induced tumor suppressor pathways by xenoestrogen exposures during pregnancy
Role: co-I (PI: Jerry/Schneider)
- Cornell Douglas Foundation Pearl Award 09/2016 –
Project Title: Policy and regulation of endocrine disrupting chemicals
Role: Awardee
- NIEHS Opportunity Funds (for BCERP members) 09/2016 – 09/2017
Project Title: Stromal effects of xenoestrogens
Role: co-PI
- NIH/NIEHS R01ES025748-01A1 06/01/2016 – 05/31/2017
Project Title: Activation of Nrf2 during embryonic development: mechanisms and consequences
Role: co-I (PI: Timme-Laragy)
- NIH NRSA Postdoctoral Fellowship, 2009-2011
Project Title: Bioelectrical controls of left-right asymmetry
Role: PI
- Science Communication Fellowship, Environmental Health News, 2010
This competitive fellowship provides a full year of training to postdoctoral fellows and junior faculty to learn how to communicate published studies in environmental health science to the general public.
- Sackler School Dean's Fellowship in Cancer Research, 2005-2006
A competitive fellowship awarded to predoctoral students who have demonstrated outstanding achievement in research and scholarship during the first two years of graduate study.
- Cell Molecular & Developmental Biology Training Grant, Tufts University, 2004-2006
Positions on the training grant were competitive. Selection was based on research accomplishments and likelihood of future success in academic careers.

TEACHING EXPERIENCE (FULL SEMESTER COURSES)

University of Massachusetts, School of Public Health, Fall 2013 - current

Fall 2020, Winter 2020/21, Spring 2021: Introduction to Public Health (PUBHLTH 200) – 3 credits
Responsible for course content & assessments for a semester-long course, required for all students in the Public Health Sciences undergraduate degree. Students are provided an introduction to the field of public health including health equity, health disparities, epidemiology, environmental health sciences, public policy, and the science of prevention. Supervised three graduate TAs and 8-10 undergraduate course assistants. [85-90 students per section]

Spring 2021: First Year Seminar: Leadership and Health (SPHHS 191) – 1 credit
Responsible for course content & assessments for a semester-long course, offered for first year students. This course introduces students to the resources available for student success on and off campus, while also presenting material on the subject of Leadership and Health. [20 students]

Spring 2019, Spring 2020: Controversies in Environmental Health (PUBHLTH 390EC) – 3 credits, taught in the UMASS Cuba study abroad program

Responsible for course content, assessments & providing independent student support for an intensive course, offered over 3 weeks in the Cuba study abroad program. Students learn about environmental controversies ranging from cancer risk from cell phones, widespread use of fluoride in drinking water, safety of pesticides, cleanup of radiation spills, etc. [10-16 students per semester]

Fall 2016, Fall 2017, Spring 2019, Spring 2020: Cancer and the Environment (PUBHLTH 319, formerly PUBHLTH 390LV) – 3 credits

Responsible for course content, assessments & providing independent student support for a semester-long course. Students learn about environmental causes of cancer and evaluate the epidemiology and experimental literature. Supervised graduate student TA. [typically 30-70 students per semester]

Fall 2018, Fall 2019, Summer 2020: Journal Club in Environmental Health (EHS 704, formerly EHS790J) – 1 credit

Responsible for course content, assessments & providing independent student support for a 1-credit semester long course. Students work together to read, understand, and critique important papers from environmental health sciences and design future studies. [typically 8-12 students]

Fall 2016, Spring 2019, Spring 2020: Honors Colloquium in Cancer and the Environment (PUBHLTH 390LV-H) – 1 credit

Supervise Honors students enrolled in PH390LV that wish to add an extra credit to work on an independent project related to one or more subject discussed in class. Students must meet regularly with the instructor and complete a research paper [typically 1-5 students per semester]

Fall 2014, Fall 2015, Fall 2017, Fall 2018, Fall 2019: Research Methods (EHS 691B; formerly PUBHLTH 691B) – 3 credits

Responsible for course content, assessments & lecture materials for a semester-long graduate core course for MS, MPH and PhD students in the Environmental Health Sciences graduate program. [typically 5-12 students per semester]

Fall 2015, Spring 2016, Spring 2017: Seminars in Environmental Health (PUBHLTH 490VS) / Graduate Seminars in Environmental Health (EHS 790VS) – 1 credit each

co-taught with Dr. A. Suvorov or Dr. A. Timme-Laragy

Responsible for organizing a semester's worth of seminar speakers, grading short writing assignments, and providing feedback on student presentations [typically 20 undergraduate students, 2-5 graduate students per semester]

Spring 2014, Fall 2014, Spring 2016: Honors Colloquium in Environmental Health Sciences (PUBHLTH H303) – 1 credit

Responsible for course content, assessments & providing independent student support for a semester-long course that allows students to explore Environmental Health topics in depth. [typically 10-20 students per semester]

Spring 2015: From Plastics to Pesticides: Controversies in Environmental Health (HONORS 391A) – 1 credit

Responsible for course content for a semester-long 1-credit Honors seminar. This course was used to identify readings and assignments that could be used in a full 3-credit course for Public Health majors (now offered as PUBHLTH390EC). [11 students]

Spring 2014, Fall 2014: Introduction to Environmental Health Sciences (PUBHLTH 203, formerly PUBHLTH 303) – 3 credits

Responsible for course content, assessments & lecture materials for a semester-long senior level course. Supervised graduate student TAs and undergraduate course assistants. [typically 140-200 students per semester]

Fall 2013: Public Health Sciences Capstone (PUBHLTH 494CI) – 3 credits
Responsible for course content, assessments & lecture materials for a semester-long senior level course. [27 students]

Instructor, Tufts University, Department of Biology, 2010 – 2011.

Spring 2010, Spring 2011: Experiments in Cell Biology – 3 credits
Responsible for course content, assessments & organizing laboratory exercises for a semester-long senior level course. [typically 12-14 students]

TEACHING EXPERIENCE (INVITED COURSES, PROVIDING SIGNIFICANT MATERIAL)

Guest Lecturer, University of Massachusetts – Amherst, Undergraduate Program in Public Health, Spring 2018, Fall 2018, Spring 2019, Fall 2019, Spring 2020.

Introduction to Public Health (PUBHLTH 200)
Provided 3-4 hours of lecture on environmental health sciences & environmental justice.

Guest Lecturer, University of Massachusetts – Amherst, Department of Microbiology, Spring 2017, Fall 2017, Fall 2018.

Biology of Cancer and AIDS (MICROBIO 16)
Provided 2-3 hours of lecture on cancer and the environment.

Guest Lecturer, Simmons College, Chemistry Department, Fall 2011, Spring 2014, Spring 2016, Fall 2017.

Mechanistic Toxicology
Provided 3 hours of lecture on the endocrine system, endocrine disruptors, and testing for these compounds that can be performed by chemists/environmental health scientists.

Guest Lecturer, Uppsala University, Uppsala Sweden, Summer 2017.

Reproductive Toxicology
Over a period of four days, provided two lectures and led discussions on endocrine disruptors, dose response relationships, and methods to evaluate toxicity.

Guest Lecturer, University of Massachusetts – Amherst, Biology Department, Fall 2015.

Endocrinology (BIO 568)
Provided 6 hours of lecture (2015) on clinical and research endocrine methods and the development and diseases of endocrine organs.

Guest Lecturer, University of Massachusetts – Lowell, Graduate Program in Work Environment, Spring 2013, Spring 2014, Spring 2015, Spring 2016, Spring 2017.

Toxicology and Health
Provided 2.5 hours of lecture on reproductive and developmental toxicology.

Guest Lecturer, Tufts University, Biology Department, McLaughlin Laboratory, January 2015.

Provided 3 hours of in-depth training on use of MorphoJ and geometric morphometric analyses.

Guest Lecturer, Tufts University, Department of Biology, Spring 2013.

Experiments in Cell Biology
Organized content and laboratory exercises for a single class on microscopy and histology (2.5 hours).

Guest Lecturer, Tufts University School of Medicine, Graduate Program in Pharmacology, Fall 2010, Fall 2011, Fall 2012.

Translational Physiology – Reproductive Physiology & Pharmacology
Provided 2.5 hours of lecture on reproductive physiology, wrote exam questions.

Guest Lecturer, University of Massachusetts - Lowell, Graduate Program in Community Health & Sustainability, Fall 2011.

Risk Assessment

Provided 3 hours of lecture on BPA risk assessments.

Lecturer, Continuing Education Seminars, Fall 2009 – Spring 2010.

Association of Women's Health, Obstetric and Neonatal Nurses

Gave lectures (10-15 hours total) & wrote exam questions for a series of seminars provided around the state.

Guest Lecturer, Tufts University, Department of Biology, Spring 2009.

Experiments in Cell Biology

Organized content and laboratory exercises for a single class (3 hours).

Teaching Assistant, Cornell University, Education Department, Spring 2003.

Community & Learning Partnerships

Led weekly group sessions, served as discussion leader.

Teaching Assistant, Cornell University, College of Human Ecology, Fall 2002.

Design & Environmental Analysis

Led weekly laboratory sessions, graded assignments.

TEACHING EXPERIENCE (ADDITIONAL GUEST LECTURES)

- Lecture on engaging communities and public health communication, *PH397B: Special Topics: Air Pollution and Health*. Raphael Arku, Spring 2020
- Lecture on endocrine disruptors and weight of evidence, *EPI690E: Environmental Epidemiology* Youssef Oulhote, Spring 2020
- Lecture on environmental health and policy interventions, *PH494CI: Public Health Capstone*. Libby Salerno Valdez, Fall 2019
- Lecture on environmental health ongoing research, *PH492E: Seminar: Public Health in Action*. Gloria DiFulvio, Fall 2019.
- Lecture on making and using posters to communicate public health information. *PH494CI: Public Health Capstone*. Aline Gubrium, Fall 2018.
- Lecture on chemical contaminations in water. *PH490W: Water, Culture & Public Health*. Tim Ford, Fall 2018.
- Lecture on animal experimentation, IACUC, and research ethics. *PH497R: Specific Topics: Research Ethics*. Susan Sturgeon, Fall 2018.
- Lecture on hazard assessment and chemical safety evaluations, *EHS565: Environmental Health Practices*. Raphael Arku, Spring 2018.
- Lecture on pharmaceutical approaches to control fertility. *BIO568: Endocrinology*. Tom Zoeller, Fall 2017.

MENTORING

NIH R25 Summer Scholars

2020 Undergraduates

Nicolas Gnaman

Jacque Moon Yee

Nukrat Nowaz

Hannah Guard

Wenle Liang

Brenda Medeiros

2020 High Schoolers

Isabel Wang

Alexander Voses
Elizabeth James
Romesha Khan
Karina Thomas

High School Students

- Ms. Rebecca Lo. (high school student, Students & Scholars program). Mentored for 4 weeks of full-time research. 2019
- Ms. Stella Park. (high school student, Students & Scholars program). Mentored for 4 weeks of full-time research. 2019
- Ms. Amanda Shirazi (high school student, Students & Scholars program). Mentored for 4 weeks of full-time research. 2018
- Ms. Isobelle Lim. (high school student, Students & Scholars program). Mentored for 3 weeks of full-time research. 2018
- Ms. Zainab Mian (high school student, Students & Scholars program). Mentored for 4 weeks of full-time research. 2017
- Ms. Amrita Shah (high school student, Students & Scholars program). Mentored for 4 weeks of full-time research. 2017
- Ms. Kayla Lieb (high school student, Students & Scholars program). Mentored for 4 weeks of full-time research. 2016
- Ms. Stacy Okun (high school student, Students & Scholars program). Mentored for 4 weeks of full-time research. 2016
- Ms. Kiana Kerr (high school student, Students & Scholars program). Mentored for 4 weeks of full-time research. 2015
- Ms. Selina Thomas (high school student, Students & Scholars program). Mentored for 4 weeks of full-time research. 2015
- Ms. Minori Keefe (visiting high school student). Mentored for 1 semester of independent research projects. 2010
- Ms. Olena Savatskya (high school student, Boston Latin High). Mentored for a full year of independent research projects. 2006
- Ms. Leah Greenberg (high school student, Great Neck High School). Mentored for a summer of independent research projects. 2005

Undergraduate Students – Honors Thesis Projects

- Ms. Anna Schmidt. UMass Amherst Public Health undergraduate, member of Commonwealth Honors College, expected graduation: 2021. Undergraduate thesis title: *TBD*. [research supervisor & committee chair]
- Current position: UMass undergraduate
- Ms. Gillian Szabo. UMass Amherst Public Health undergraduate, member of Commonwealth Honors College, expected graduation: 2021. Undergraduate thesis title: *A mouse model of male breast cancer*. [research supervisor & committee chair]
- Recipient, UMASS CHC Research Fellowship (2019)
 - Recipient, UMASS CHC Research Grant (2020)
 - Current position: UMass undergraduate, 4+1 student
- Ms. Shannon Silva. UMass Amherst Biology undergraduate, member of Commonwealth Honors College, expected graduation: 2021. Undergraduate thesis title: *Effect of oxybenzone exposure on mammary tumors and metastasis in a p53 -/- transplant model*. [research supervisor & committee chair]
- UMASS STEM Ambassador (2017)
 - Recipient, UMASS CHC Research Fellowship (2018)
 - Recipient, UMASS CHC Research Grant (2019)
 - Amgen Summer Scholar, Duke University (2019)
 - Recipient, UMASS CHC Research Grant (2020)
 - Recipient, Goldwater Scholarship (2020)
 - Current position: Post-bac Co-op at Bristol Myers Squibb

- Ms. Athena Sofides. Smith College undergraduate, 2019. Undergraduate thesis title: *Developmental BPS exposures and stromal responses in the adult mouse mammary gland* [research supervisor & committee co-chair]
- Recipient of Tryon Prize for Writing (Smith College, thesis award)
 - Current position: Paralegal for an environmental law firm, New York, NY
- Ms. Aastha Pokharel. UMass Amherst undergraduate, member of Commonwealth Honors College, 2019. Undergraduate thesis title: *Developmental BPS exposures and effects on lactation* [research supervisor & committee chair]
- UMASS STEM Ambassador (2016)
 - Recipient, UMASS CHC Research Fellowship (2017)
 - Recipient, UMASS CHC Research Grant (2018, 2019)
 - Winner, SPHHS Research Day poster (2018)
 - Recipient, Corinne Johnson Award (EHS Department, 2018)
 - Recipient, UMass Rising Researcher Award (2019)
 - Co-author on four published manuscripts
 - Co-author on two manuscripts in preparation
 - Current position: Research Associate, The Broad Institute
- Ms. Rebecca Goldberg. UMass Amherst undergraduate, member of Commonwealth Honors College, 2018. Undergraduate thesis title: *Deception by design: a case study analysis of manufactured doubt.* [research supervisor & committee chair]
- Co-author on one published manuscript
 - Co-author on one submitted manuscript
 - Completed an MS in Epidemiology in UMass 4+1 program
 - Current position: CDC/CSTE Fellow: Applied Epidemiology & Environmental Health, New York, NY
- Mr. Danny McSweeney. UMass Amherst undergraduate, member of Commonwealth Honors College, 2018. Undergraduate thesis title: *Effects of bisphenol S on the developing male mammary gland in mice.* [research supervisor & committee chair]
- Recipient, UMASS CHC Research Grant (2018)
 - Co-author on one published manuscript
 - Current position: PhD student, UMass program in Molecular & Cellular Biology
- Ms. Lauren Hurley. UMass Amherst undergraduate, member of Commonwealth Honors College, 2018. Undergraduate thesis title: *Long-term effects of a mixture of fracking chemicals on the mouse mammary gland.* [research supervisor & committee chair]
- Recipient, UMASS CHC Research Fellowship (2017)
 - Recipient, UMASS CHC Research Grant (2018)
 - Current position: graphic designer in a Massachusetts firm
- Ms. Charlotte LaPlante. UMass Amherst undergraduate, member of Commonwealth Honors College, 2018. Undergraduate thesis title: *Effects of oxybenzone on the mouse mammary gland: exploring a novel critical window of exposure.* [research supervisor & committee chair]
- Co-author on four published manuscripts
 - Co-author on two manuscripts in preparation
 - Recipient, UMASS CHC Research Grant (2015, 2016, 2017, 2018)
 - Recipient, Endocrine Society Summer Research Fellowship (2017)
 - Recipient, UMASS Rising Researcher Award (2018)
 - Recipient, UMASS 21st Century Leaders Award (2018, graduation)
 - Current position: MD/PhD Student, Cornell Weill Medical School, New York, NY
- Ms. SriDurgaDevi Kolla. UMass Amherst undergraduate, member of Commonwealth Honors College, 2017 (Spring). Undergraduate thesis title: *Effects of bisphenol S on the mouse mammary gland at puberty.* [research supervisor & committee chair]
- Co-author on five published manuscripts
 - Recipient, Corinne Johnson Award (EHS Department, 2016)
 - Recipient, UMASS CHC Research Grant (2015, 2016)
 - Won 3rd Prize at UMASS SPHHS Research Day (2017)
 - Recipient, UMASS Dean's Award (2017, graduation)
 - Current position: PhD student, University of California - Berkeley

- Ms. Meg Bernier. UMass Amherst undergraduate, member of iCONS program, 2016 (Spring). Undergraduate thesis title: *Human exposure to bisphenols via handling of thermal paper*. [research supervisor & committee chair]
- Co-author on one published manuscript
 - Current position: Medical student, Kansas City University of Medicine and Biosciences
- Ms. Anupama Singh. UMass Amherst undergraduate, member of Commonwealth Honors College, 2016 (Spring). Undergraduate thesis title: *A decision-tree for assessing quality of dose response curves using propylparaben as a case study*. [research supervisor & committee chair]
- Recipient, UMASS CHC Research Fellowship (2015, 2016)
 - Current position: Medical student, UMass Medical School
- Mr. Shawn Hallett. UMass Amherst undergraduate, member of Commonwealth Honors College, 2016 (Spring). Undergraduate thesis title: *Effects of BPA alternatives on mammary gland development in the F2 generation*. [research supervisor & committee chair]
- Current position: DDS/PhD student, University of Michigan
- Mr. Michael Lemieux. UMass Amherst undergraduate, member of Commonwealth Honors College, 2016 (Spring). Undergraduate thesis title: *Ethinyl estradiol as a model for other estrogenic endocrine disruptors*. [advisor, Thesis Capstone]
- Recipient, Center for Research on Families, Senior Capstone Award (2016)
 - Current position: Medical student, Oakland University William Beaumont School of Medicine
- Mr. D'Andre Quinerly. UMass Amherst undergraduate, member of Commonwealth Honors College. 2015. Undergraduate thesis title: *The effect of developmental exposures to bisphenol S on the mouse mammary gland at puberty and adulthood*. [research supervisor & committee chair]
- Co-author on one published manuscript
 - Awarded UMASS Rising Researcher Award (2015)
 - Selected student graduation speaker (2015)
- Mr. Zachary Clements. UMass Amherst undergraduate, member of Commonwealth Honors College. 2014 (fall). Undergraduate thesis title: *Identifying the effects of environmental chemicals on measures of adiposity*. [research supervisor]
- Ms. Arianna Moscone. UMass Amherst undergraduate, member of Commonwealth Honors College. 2014 (fall). Undergraduate thesis title: *Is a zero waste campus possible? A pilot study at UMass Amherst*. [project supervisor & committee chair]
- Mr. Ryan Morrie. Tufts University undergraduate, 2012. Undergraduate thesis title: *The role of Rab11 in establishing left-right asymmetry in the Xenopus embryo*. [research supervisor & committee chair]
- Co-author on two published manuscripts
 - Undergraduate thesis was rated "highest honors"
 - Current position: Postdoc, University of California San Francisco

Undergraduate Students – independent study

- Ms. Trisha Kini. (UMass Amherst Public Health undergraduate, expected graduation: 2023.) Mentored for 1 semester of independent research projects.
- Ms. Margaret Hurley. (UMass Amherst Public Health undergraduate, expected graduation: 2023.) Mentored for 1 semester of independent research projects.
- Ms. Hermela Mebrahtu. (UMass Amherst Public Health undergraduate, expected graduation: 2021.) Mentored for 1 semester of independent research projects.
- Ms. Ashley Cardoso. (UMass Amherst Public Health undergraduate, expected graduation: 2021.) Mentored for 1 semester of independent research projects.
- Ms. Anna Schmidt (UMass Amherst Public Health undergraduate, member of Commonwealth Honors College, expected graduation: 2021.) Mentored for 1 semester of independent research projects.
- Mr. Jackson Montgomery (UMass Amherst Public Health undergraduate, expected graduation: 2021.) Mentored for 1 semester of independent research projects.

- Ms. Jenny Bugos (UMass Amherst Public Health undergraduate, expected graduation: 2020.) Mentored for 1 summer and 2 semesters of independent research projects.
- Ms. Gillian Szabo (UMass Amherst Public Health undergraduate, member of Commonwealth Honors College, expected graduation: 2021.) Mentored for 2 semesters of independent research projects.
- Ms. Janet Johnson (UMass Amherst Psychology undergraduate, expected graduation: 2020.) Mentored for 2 semesters of independent research projects.
- Mr. Tobiah Passett (UMass Amherst Public Health and Legal Studies undergraduate, graduated 2020.) Mentored for 4 semesters of independent research projects.
- Ms. Rachel Eckenreiter (UMass Amherst Animal Science and Public Health undergraduate, graduated 2019.) Mentored for 2 semesters of independent research projects.
- Ms. Shannon Silva (UMass Amherst Biology undergraduate, member of Commonwealth Honors College, expected graduation: 2021.) Mentored for 3 semesters of independent research projects.
- Ms. Michelle Levine (UMass Amherst Public Health undergraduate, member of Commonwealth Honors College, graduated 2019.) Mentored for summer + 2 semesters of independent research projects.
- Ms. Athena Sofides (Smith College undergraduate, graduated 2019.) Mentored for 2 semesters + 1 summer of independent research projects.
- Ms. Jessica Landry (UMass Amherst Public Health undergraduate, graduated 2019.) Mentored for 1 semester of independent research projects.
- Ms. Archana Gopal (UMass Amherst Animal Science undergraduate, graduated 2017.) Mentored for summer + 2 semesters of independent research projects.
- Ms. Lauren Hurley (UMass Amherst Public Health & Microbiology undergraduate, member of Commonwealth Honors College, graduated 2018.) Mentored for 2 semesters of independent research projects
- Mr. Brian Martin (UMass Amherst Public Health undergraduate, graduated 2017.) Mentored for 2 semesters of independent research projects.
- Co-author on one published manuscript
- Ms. Mary Morcos (UMass Amherst Public Health undergraduate, graduated 2018.) Mentored for 3 semesters of independent research projects.
- Co-author on one published manuscript
 - Co-author on one manuscript in preparation
- Mr. Danny McSweeney (UMass Amherst Biochemistry undergraduate, graduated 2018.) Mentored for 1 semester + summer session of independent research projects.
- Ms. Aastha Pokharel (UMass Amherst Biochemistry and Public Health undergraduate, member of Commonwealth Honors College, expected graduation: 2019.) Mentored for 2 summer sessions + 3 semesters of independent research projects
- Ms. Debora Pimentel (UMass Amherst Public Health undergraduate, graduated 2016.) Mentored for 1 semester of independent research projects
- Ms. Meg Bernier (UMass Amherst BDIC undergraduate, member of iCONS program, graduated 2016.) Mentored for 1 semester of independent (dry lab) research projects.
- Ms. SriDurgaDevi Kolla (UMass Amherst Public Health and Neuroscience undergraduate, member of Commonwealth Honors College, graduated 2017.) Mentored for 3 semesters of independent research projects.
- Ms. Sarah Sapouckey (UMass Amherst Biochemistry undergraduate, graduated 2016.) Mentored for 3 semesters of independent research projects.
- Co-author on two published manuscripts
- Mr. Alfred Kimani (UMass Amherst Public Health undergraduate, graduated 2017.) Mentored for 1 semester of independent research projects.
- Ms. Charlotte LaPlante (UMass Amherst Biology and English undergraduate, member of Commonwealth Honors College, graduated 2018). Mentored for 4 semesters of independent research projects.
- Ms. Anupama Singh (UMass Amherst Biology undergraduate, member of Commonwealth Honors College, graduated 2016). Mentored for 4 semesters of independent research projects.

- Ms. Lauren Masse (UMass Amherst Public Health undergraduate, graduated 2015.) Mentored for 2 semesters of independent research projects.
- Ms. Alison Bowler (UMass Amherst Public Health undergraduate, graduated 2014).
Mentored for 1 semester of independent research projects.
- Co-author on one published manuscript
- Ms. Allison Stradiotto (Tufts University Biology undergraduate, graduated 2015). Mentored for 1 semester of independent research projects.
- Mr. Gregory Zhang (Tufts University Biology undergraduate, graduated 2016). Mentored for 1 semester of independent research projects.
- Mr. Chris Bredie (Tufts University Biology undergraduate, graduated 2012). Mentored for 1 year of independent research projects.
- Mr. Brian Pennarola (Tufts University Biology and English undergraduate, graduated 2011).
Mentored for 1.5 years of independent research projects.
- Co-author on one published manuscript
- Mr. Tanzeel Ahmed (Tufts University Biology undergraduate, graduated 2011). Mentored for 1 semester of independent research projects.
- Ms. Claire Stevenson (Tufts University Biology undergraduate, graduated 2010). Mentored for 1.5 years of independent research projects.
- Co-author on one published manuscript

Masters Students (non-thesis)

- Dr. Aimal Najmi. UMass Amherst MPH Student. Graduated September 2019. Mentored for 1 semester for MPH practicum work.
- Dr. Precious Nzeribe. UMass Amherst MPH Student. Graduated September 2019. Mentored for 1 summer of MPH practicum work.
- Ms. Alix Shipman. UMass Amherst MPH Student. Graduated, Feb 2018. Mentored for 1 semester of independent study.
- Ms. Dilnar Mahmut. UMass Amherst AMB Student. Graduated, May 2018. Mentored for 1 semester of research projects related to the MS in Applied Molecular Biotechnology.

Masters Students (thesis)

- Ms. Aastha Pokharel. UMass Amherst SPHHS 4+1 MS student. Anticipated graduation, May 2020. MS Thesis title: *Evaluating ion channel modulators to disrupt teratogenesis*.
- Ms. Lauren Hurley. UMass Amherst SPHHS MS student. 1 semester of independent study projects, left program before completing graduate degree.
- Ms. SriDurgaDevi Kolla. UMass Amherst SPHHS 4+1 MS student. Graduated, May 2018. MS Thesis title: *Bisphenol S, estrogens and the advancement of pubertal timing: evaluation of short- and long-term effects on the developing mouse mammary gland*.
- Awarded “best graduate speaker” at 2017 North Atlantic Chapter, SETAC annual meeting. Award included funds to attend the national SETAC meeting in Fall 2017
 - Recipient, Fulbright Scholarship (2018-2019, Denmark)
- Ms. Corinne Hill. UMass Amherst SPHHS MS student. Graduated 2015. MS Thesis title: *Emerging ovarian toxicants: assays for the disruption of ovarian follicles at puberty and in adulthood*.

PhD students (dissertation)

- Mr. Joshua Mogus. UMass Amherst EHS PhD student. Anticipated graduation 2024. PhD Dissertation title: TBD.
- Recipient, New England Society of Toxicology Graduate Student Presenter Award (2020)
- Ms. Vanessa Harripersaud. UMass Amherst EHS PhD student. Anticipated graduation 2023. PhD Dissertation title: TBD. [co-advisor, Dr. Lili He]
- Recipient, American Society of Safety Professionals Greater Boston Scholarship (2019)
 - Recipient, Corinne Johnson Award (EHS Department, 2020)

- Dr. Klara Matouskova (MD). UMass Amherst EHS PhD student. Anticipated graduation 2021.
PhD Dissertation title: TBD.
- Recipient, Corinne Johnson Award (EHS Department, 2019)
 - Recipient, Dean's Summer Dissertation Award (SPHHS, 2020)
- Dr. Mary C. Catanese, PhD. UMass Amherst Neuroscience and Behavior PhD student.
Graduated 2016. PhD Dissertation title: *Disruption of maternal behavior and the maternal brain by bisphenol S: effects of exposure during development or pregnancy.*
- Recipient, Fellowship, Center for Research on Families (2015)
 - Current position: Postdoctoral Fellow, Harvard Medical School

Lab Rotations

Mr. Marcos Manganare. UMass Molecular and Cellular Biology PhD student. Lab rotation, Fall 2016.

Additional Membership on Thesis, Qualifying Exam & Dissertation Committees

- Ms. Abosede Sarah Alli. UMass Amherst SPHHS, Department of Environmental Health Sciences, PhD student. Role: Qualifying Exam Committee Member.
- Ms. Marjorie Marin. UMass Amherst SPHHS, Department of Environmental Health Sciences, PhD student. Role: Qualifying Exam Committee Member.
- Mr. Anthony Poluyanoff. UMass Amherst, Program in Molecular and Cellular Biology, PhD student. Graduation anticipated, 2020. Thesis title: *Gene expression regulation in the mouse liver by mechanistic target of rapamycin complexes I and II.* Role: Thesis Committee Member.
- Mr. Christopher Clark. UMass Amherst undergraduate, member of Commonwealth Honors College. Graduation anticipated, 2020. Undergraduate thesis title: *TBD.* Role: thesis committee member
- Mr. Andre Porto. Boston University School of Medicine, Department of Biomedical Forensic Sciences, MS student. Graduated, Fall 2019. Thesis title: *Stutter Analysis of a Family Pedigree via Massively Parallel Sequencing Utilizing the ForenSEQ DNA Signature Prep Kit.* Role: Committee Member / Outside Examiner.
- Ms. Brooke Stebbins. UMass Amherst SPHHS, Department of Environmental Health Sciences, MS student. Graduated, Fall 2019. Thesis title: *A Novel Infield Metagenomic Approach to Evaluating Surface Water Quality in Lake Warner.* Role: Thesis Committee Member.
- Ms. Julia Mitrano. UMass Amherst undergraduate, member of Commonwealth Honors College. 2019. Undergraduate thesis title: *The Association between Breast Cancer Risk and Endocrine Disrupting Chemicals: A Systematic Literature Review.* Role: thesis committee member
- Ms. Olivia Venezia. UMass Amherst undergraduate, member of Commonwealth Honors College. 2019. Undergraduate thesis title: *Elucidating the Role of PPAR in Pancreas Development Using Isoform Specific Agonists and Antagonists.* Role: thesis committee member
- Ms. Monika Roy. UMass Amherst SPHHS, Department of Environmental Health Sciences, PhD student. Graduation anticipated, 2020. Role: Dissertation Committee Member.
- Dr. Archit Rastogi. UMass Amherst, Program in Molecular and Cellular Biology, PhD student. Graduated, 2020. Dissertation title: *Redox signaling in the zebrafish embryo and implications for endocrine pancreas morphogenesis.* Role: Dissertation Committee Member.
- Ms. Monika Roy. UMass Amherst SPHHS, Department of Environmental Health Sciences, PhD student. Role: Qualifying Exam Committee Chair.
- Dr. Margarite C van Zijl. University of Pretoria, South Africa, Faculty of Health Sciences. PhD student. Graduated, 2017. PhD dissertation title: *Estrogenic activity, target endocrine disrupting chemical levels and potential health risks of bottled water and water from selected distribution points in Pretoria and Cape Town.* Role: Outside examiner.
- Ms. Aliza Majewski. UMass Amherst, Animal Biotechnology and Biomedical Sciences MS student. Graduation, 2017. Thesis title: *Radiation induces estrogen receptor-mediated*

- genomic surveillance to restrict mammary progenitor cell expansion*. Role: Thesis committee member.
- Dr. Jesse Angelo. UMass Amherst, Animal Biotechnology and Biomedical Sciences PhD student. Graduation, 2018. Dissertation title: *Identification of the mesoderm/endoderm interactions involved in murine liver and pancreas development*. Role: Dissertation committee member.
- Dr. Haotian Wu. UMass Amherst SPHHS, Department of Environmental Health Sciences, PhD student. Graduation, 2018. Dissertation title: *Phthalates, embryo development, and sperm DNA methylation*. Role: Dissertation committee member.
- Ms. Whitney Huynh. UMass Amherst SPHHS, Department of Environmental Health Sciences, PhD student (withdrawn). Role: Thesis committee member.
- Ms. Sarah Brown. UMass Amherst SPHHS MS student. Graduated, 2016. MS Thesis title: *Effects of butylparaben exposure on pancreatic development in zebrafish (Danio rerio) embryos*. Role: Thesis committee member.
- Ms. Margarita Brown. UMass Amherst, Animal Biotechnology and Biomedical Sciences MS student. Graduated, 2016. MS Thesis title: *Investigating the balance between estrogen receptor mediated cell proliferation and genomic surveillance*. Role: Thesis committee member.
- Dr. Linda Molander. Stockholm University, Sweden, Department of Environmental Science and Analytical Chemistry. PhD student. Graduated, 2015. PhD dissertation title: *Chemicals in consumer products: bridging the gap between academic research and chemicals regulation*. Role: Opponent (external reviewer).
- Ms. Aliza Majewski. UMass Amherst undergraduate, member of Commonwealth Honors College. Graduated, 2016. Undergraduate thesis title: *Selective activation of proliferation and surveillance pathways by estrogen receptor agonists*. Role: Thesis committee member
- Ms. Lia Delaney. UMass Amherst undergraduate, member of Commonwealth Honors College. Graduated, 2015. Undergraduate thesis title: *Identifying factors that influence environmental health decisions about endocrine disrupting chemicals*. Role: Thesis committee member

POSTER PRESENTATIONS (SELECTION) AND CAMPUS LECTURES AT UMASS

Vandenberg LN. From Silent Spring to 2019: My path in environmental health to become Rachel's Granddaughter. *Speaker*, Public Health Seminar, *Amherst, MA, November 2019*.

Matouskova K, Jerry DJ, **Vandenberg LN.** Exposure to low doses of oxybenzone during perinatal development alters mammary gland morphology in male and female mice. *Poster presenter*, IUTOX 15th International Congress of Toxicology. *Honolulu, HI, July 2019*.

Vandenberg LN. Xenoestrogens and the mother: the disruption of maternal-infant care by environmental chemicals. *Speaker*, UMASS EHS Seminar Series, UMass, *Amherst, MA, February 2018*.

LaPlante CD, Bansal R, Jerry DJ, **Vandenberg LN.** Exposures to oxybenzone during pregnancy and lactation induce long-term changes in the mouse mammary gland. *Poster presenter*, BCERP Annual Meeting, *City of Hope, CA, November 2017*.

Vandenberg LN. Better chemical evaluations: A role for basic science. *Speaker*, UMASS SPHHS Dean's Symposium on Health Equity, *Amherst, MA, April 2017*.

Vandenberg LN. Environmental chemicals and the mother: lessons learned from the mouse. *Speaker*, UMASS Center for Research on Families Annual Gala, *Amherst, MA, March 2017*.

Vandenberg LN. The trouble with dose responses: an academic debate. *Speaker*, UMASS EHS Seminar Series, UMass, *Amherst, MA, February 2017*.

Vandenberg LN. From Silent Spring to 2016: My path in environmental health. *Speaker*, UMASS BioSci Group, Amherst, MA, November 2016.

Vandenberg LN. Becoming Rachel's Granddaughter: My path through science and environmental health. *Speaker*, UMASS STEM Ambassadors, Amherst, MA, October 2016.

Vandenberg LN. BPA replacement chemicals force a re-thinking of critical periods. *Speaker*, EHS Seminar Series, UMASS, Amherst, MA, October 2016.

Vandenberg LN, Catanese MC, LaPlante CD. Exposure to bisphenol-S during pregnancy and lactation disrupts mouse maternal development. *Poster presenter*, Gordon Research Conference – Environmental Endocrine Disruptors, Sunday River, ME, June 2016.

Vandenberg LN. When babies are exposed... lessons learned from birth control users? *Speaker*, UMASS MedLife, 2nd Annual "MED-Talk", Amherst, MA, March 2016.

Vandenberg LN. Plastic bodies in a plastic world: what environmental contaminants tell us about development. *Speaker*, Department of Veterinary and Animal Sciences, UMASS, Amherst, MA, March 2016.

Vandenberg LN. *In utero* exposure to birth control: cause for concern? *Speaker*, EHS Seminar Series, UMASS, Amherst, MA, February 2016.

Vandenberg LN. BPS as a replacement for BPA: what consequences should we anticipate? *Speaker*, EHS Seminar Series, UMASS, Amherst, MA, September 2015.

Vandenberg LN. Does breast cancer start in the womb? Insights from rodent studies of bisphenol A. *Invited speaker*, UMASS BioTap Program, Amherst, MA, September 2014.

Vandenberg LN. Are non-monotonic dose responses observed frequently enough to matter? *Poster presenter*, Gordon Research Conference on Environmental Endocrine Disruptors, *Il Ciocco, Italy*, May 2014.

Vandenberg LN, Jacobs DR, Lee DH. Examples of non-monotonicity in epidemiologic studies. *Selected Speaker*, Pew Health Group meeting on Non-Monotonic Doses, Washington, DC, April 2012.

Vandenberg LN, Soto AM, and Sonnenschein C. It's not in your genes but the company you keep. Phenotype, a view from the bench. *Selected Speaker*, International Society for the History, Philosophy, and Social Studies of Biology Annual Meeting, Exeter, England, 2007.

Vandenberg LN, Maffini MV, Schaeberle CM, Rubin BS, Sonnenschein C, Soto AM. Early exposure to the xenoestrogen bisphenol-A has long-lasting effects on the mammary gland in both male and female mice. *Selected speaker*, Endocrinology Annual Meeting, Toronto, Canada, 2007.

Vandenberg LN, Maffini MV, Wadia PR, Sonnenschein C, Rubin BS, and Soto AM. Exposure to bisphenol-A alters growth and morphology of the fetal mammary gland. *Poster presenter*, Endocrinology Annual Meeting, Boston, MA, 2006.

Vandenberg LN, Maffini MV, Wadia PR, Sonnenschein C, Rubin BS, and Soto AM. In utero exposure to environmentally relevant levels of bisphenol-A alters growth and morphology of the fetal mouse mammary gland. *Poster presenter and selected speaker*, Gordon Research Conference- Environmental Endocrine Disruptors, *Il Ciocco, Italy*, 2006.

CO-AUTHORED PRESENTATIONS (SELECTION)

Reeves KW, **Vandenberg LN**. Estrogenic Activity Following BPA Exposure from Consumption of Canned Soup. *Poster presented by K Reeves*. BCERP Annual Meeting, *American Cancer Society, Atlanta, GA, November 2019*.

Lo R, Park S, Matouskova K, **Vandenberg LN**. Developmental Exposure to Butyl Benzyl Phthalate (BBP) Alters Growth Parameters of the Mouse Mammary Gland. *Poster presented by R Lo and S Park*. BCERP Annual Meeting, *American Cancer Society, Atlanta, GA, November 2019*.

Matouskova K, Roberts A, Dunphy KA, Hagen M, Schneider SS, Jerry DJ, **Vandenberg LN**. Exposure to Oxybenzone during Pregnancy and Lactation Interferes with the Protective Effect of Parity on Mammary Cancer in Mice with p53 ^{-/-} epithelium. *Poster presented by DJ Jerry*. BCERP Annual Meeting, *American Cancer Society, Atlanta, GA, November 2019*.

Matouskova K, **Vandenberg LN**. Oxybenzone, a mammary gland toxicant that affects offspring and mothers. *Flash talk presented by K. Matouskova*. *2nd African Conference on Health Effects of Endocrine Disruptors*. University of Pretoria, South Africa, November 2019.

Matouskova K, Jerry DJ, **Vandenberg LN**. Exposure to low doses of oxybenzone during perinatal development alters mammary gland morphology in male and female mice. *Poster presented by K. Matouskova*. *2nd African Conference on Health Effects of Endocrine Disruptors*. University of Pretoria, South Africa, November 2019.

Pokharel A, Catanese MC, LaPlante CD, Morcos M, Suvorov A, **Vandenberg LN**. Prenatal exposure to Bisphenol S alters the lactational mammary gland and nursing behavior in CD-1 mice. *Poster presented by A Pokharel*. 17th Symposium of the Center for Neuroendocrine Studies, UMASS, Amherst, MA, September 2019.

Pokharel A, **Vandenberg LN**. The effect of analgesics on fetal mouse development in combination with alcohol treatment. *Oral presentation by A Pokharel*, UMASS Undergraduate Research Conference, Amherst, MA, April 2019.

Silva SJ, **Vandenberg LN**. Quantifying effects of teratogenic compounds on craniofacial morphogenesis using geometric morphometric tools. *Oral presentation by SJ Silva*, UMASS Undergraduate Research Conference, Amherst, MA, April 2019.

Matouskova K, Jerry DJ, **Vandenberg LN**. Exposure to low doses of oxybenzone during perinatal development alters mammary gland morphology in male and female mice. *Poster presented by K. Matouskova*. *SPHHS Research Day*, Amherst, MA, April 2019.

Shirazi AR, Lim IH, **Vandenberg LN**. Effects of perinatal exposures to propylparaben, an estrogenic chemical, on mammary gland development in mouse. *Poster presented by A Shirazi and I Lim*, BCERP Annual Meeting, *Georgetown University, Washington DC, November 2018*.

Gregory KJ, Morin S, Jerry DJ, **Vandenberg LN**, Schneider SS. Benzophenone-3 (BP-3) exposure increases TGF β expression in mouse and human mammary tissues. *Poster presented by S Schneider*, BCERP Annual Meeting, *Georgetown University, Washington DC, November 2018*.

Matouskova K, Jerry DJ, **Vandenberg LN**. Exposure to oxybenzone during the perinatal period disrupts development of the male and female mouse mammary gland. *Poster presentation by K Matouskova*, *European Teratology Society Annual Meeting, London, UK, September 2018*.

Matouskova K, Jerry DJ, **Vandenberg LN**. Exposure to oxybenzone during the perinatal period disrupts development of the male and female mouse mammary gland. *Poster presentation by K Matouskova*, SPHHS Research Day, Amherst, MA, March 2018.

Pokharel A, Suvorov A, **Vandenberg LN**. Early life exposure to BPS: Are there effects on the female mouse mammary gland at lactation? *Poster presentation by A Pokharel*, SPHHS Research Day, Amherst, MA, March 2018.

Kolla S, **Vandenberg LN**. Perinatal exposures to xenoestrogens and their effects on responses to a pre-pubertal estrogen challenge in mice. *Poster presentation by S Kolla*, SPHHS Research Day, Amherst, MA, March 2018.

LaPlante CD, Jerry DJ, **Vandenberg LN**. Oxybenzone alters the maternal mammary gland in mice exposed during pregnancy and lactation. *Poster presentation by C LaPlante*, ENDO 2018, Chicago, IL, March 2018.

Kolla S, **Vandenberg LN**. Perinatal exposures to xenoestrogens and their effects on responses to a pre-pubertal estrogen challenge in mice. *Poster presentation by S Kolla*, ENDO 2018, Chicago, IL, March 2018.

Mian Z, Shah A, **Vandenberg LN**. Mammary gland development and disease: results of a 4-week research program with high school scholars. *Poster presented by Z Mian and A Shah*, BCERP Annual Meeting, City of Hope, CA, November 2017.

Morin S, Gregory KJ, Ser-Dolansky J, Frare M, Amaro Gonzalez E, Bansal R, Jerry DJ, **Vandenberg LN**, Schneider SS. Effects of Xenoestrogens on Crosstalk Between Macrophages and Mammary Epithelial Cells. *Poster presented by SS Schneider*, BCERP Annual Meeting, City of Hope, CA, November 2017.

Kolla S, **Vandenberg LN**. Developmental exposure to xenoestrogens and their effects on the female mouse mammary gland. *Oral presentation by S Kolla*, Annual Meeting of the North Atlantic Chapter of SETAC, Amherst, MA, 2017.

Martin BD, **Vandenberg LN**. The effects of Gleevec on lactating female mice. *Oral presentation by B Martin*, UMASS Undergraduate Research Conference, Amherst, MA, 2017.

Hurley L, **Vandenberg LN**. Bisphenol S induces abnormal behaviors in the open field in two generations of exposed mice. *Poster presented by L Hurley*. UMASS Undergraduate Research Conference, Amherst, MA, 2017.

Kolla S, **Vandenberg LN**. Developmental exposure to xenoestrogens and their effects on the female mouse mammary gland. *Oral presentation by S Kolla*, UMASS Undergraduate Research Conference, Amherst, MA, 2017.

LaPlante CD, **Vandenberg LN**. Xenoestrogens and their influence on the protective effects of pregnancy in the mouse mammary gland. *Oral presentation by C LaPlante*, UMASS Undergraduate Research Conference, Amherst, MA, 2017.

Morcos M, **Vandenberg LN**. The effects of Gleevec on pregnant mice. *Oral presentation by M Morcos*, UMASS Undergraduate Research Conference, Amherst, MA, 2017.

Pokharel A, **Vandenberg LN**. Evaluating left-right asymmetry in the developing mouse mammary gland. *Oral presentation by A Pokharel*, UMASS Undergraduate Research Conference, Amherst, MA, 2017.

LaPlante CD, **Vandenberg LN**. Xenoestrogens and their influence on the protective effects of pregnancy in the mouse mammary gland. *Poster presented by C LaPlante, UMASS Life Sciences Research Conference, Amherst, MA, 2017.*

Pokharel A, **Vandenberg LN**. Evaluating left-right asymmetry in the developing mouse mammary gland. *Poster presented by A Pokharel, UMASS STEM Ambassador Annual Demo Day, Amherst, MA, 2017.*

Kolla S, **Vandenberg LN**. Developmental exposure to xenoestrogens and their effects on the female mouse mammary gland. *Poster presented by S Kolla, SPHHS Research Day, Amherst, MA, 2017.*

Catanese MC, **Vandenberg LN**. Exposure to bisphenol S during pregnancy and lactation alters maternal brain and behavior in CD1 mice. *Poster presented by M. Catanese, Society for Neuroscience 2016, San Diego, CA, November 2016.*

Catanese MC, **Vandenberg LN**. The effects of exposure to exogenous estrogen during pregnancy and lactation, or gestation and the perinatal period, on maternal behavior and brain. *Poster presented by M. Catanese, ENDO 2016, Boston, MA, 2016; SPHHS Research Day, Amherst, MA, 2016.*

Hill CE, Suvorov A, **Vandenberg LN**. Effects of developmental exposure to two emerging environmental toxicants on the pre-pubertal and adult ovary. *Poster presented by C. Hill, SPHHS Research Day, Amherst, MA, 2015.*

Catanese MC, Suvorov A, **Vandenberg LN**. Beyond a means of exposure: an integrated view of maternal behavior and brain for toxicology research. *Poster presented by M. Catanese, PPTOX IV, Boston, MA, 2014.*

DEPARTMENT SERVICE

2015-2020	Graduate Program Director, Graduate Programs in Environmental Health Sciences
2018-2020	EHS Curriculum Committee, Chair
2016-2018	EHS Personnel Committee
2015-2016	Senior Faculty / Department Chair Search Committee Chair (2015), Member (2016)
2015	TOO (Targets of Opportunity) Faculty Search Committee (ad hoc) Co-chair
2014-2016	EHS Strategic Planning Committee
2013-2016	Admissions Committee Chair, 2013-2015

SCHOOL/UNIVERSITY SERVICE

2020-present	Member, Search Committee, Associate Vice Chancellor for Equal Opportunity
2020	Chair, Search Committee, SPHHS HR Director

2020-2023 Member, Steering Committee, Center for Research on Families

2020 Member, Search Committee, Public Health Undergraduate Advisor

2019-present SPHHS Curriculum Committee
& SPHHS Public Health Curriculum Subcommittee
Member, MPH Task Force (2020)

2018-present Public Health Undergraduate Advisory Board
Chair, Spring 2020
Member, Study Abroad Programs Subcommittee

2019-2020 Member, University of Massachusetts Faculty Senate (elected)

2018-2020 CEPH Accreditation Response Committee
Member, IPE Subcommittee

2018-2019 SPHHS Dean's Search Committee

2018-2020 SPHHS School Personnel Committee
Chair, 2019-2020

2018-present Goldwater Scholarship Review Committee

2017-2019 Reviewer, Center for Research on Families
Faculty research programs (2017, 2019)
Student awards and fellowships (2017, 2018, 2019)

2017-present Animal Care Services User Group Committee

2016-2019 SPHHS Representative, University LSL Vivarium Renovations Committee

2014-2016 Diversity Committee, School of Public Health & Health Sciences

2014 Undergraduate Advisory Committee, School of Public Health & Health Sciences

PROFESSIONAL SERVICE

2019-21 Program Committee, PPTOX VII Conference (2020)
Co-Chair/Organizer, PPTOX VII Trainee mini-Symposium
Program delayed until 2021 due to COVID outbreak

2019-22 Organizing Committee, Gordon Research Conference on Endocrine Disruptors (2020)
Program delayed until 2022 due to COVID outbreak

2019-20 Panel Member, Special Emphasis Panel, NIEHS R25 grant review

2019-20 Grant Reviewer, California Breast Cancer and the Environment Research Program
All grants on Estrogens in Water
All grants on Hormones in Beef

2018-19 Organizing Committee, 2nd African Endocrine Disruptor conference

2017 Grant Reviewer (ad hoc) – Health Canada, Chemicals Management Plan
Research Program

2017-18 Panel member, SBIR Study Section, NIEHS

2016 Grant Reviewer, California Breast Cancer and the Environment Research Program

2016 Temporary/Ad hoc member, CE Study Section Panel, NIH

2015-current Mentor, Science & Scholars Program, Great Neck Breast Cancer Coalition

2015 Organizing Committee, NIEHS/EPA Joint Workshop: Strengthening the Scientific Basis for Chemical Safety Assessments

2015 Grant Reviewer – US EPA STAR Predoctoral Fellowships

2014 Study Reviewer (ad hoc) – US Centers for Disease Control & Prevention

2014-2015 Grant Reviewer (ad hoc) – National Science Foundation

2013 Grant Reviewer (ad hoc) – Health Canada, Chemicals Management Plan Research Program

2012 Organizing Committee, NIEHS/European Commission Low Dose Meeting

2011 Grant Reviewer (ad hoc) – Medical Research Council of South Africa

2009 Invited member, German Umweltbundesamt Panel, BPA assessment

2009 Invited member, German Federal Institute for Risk Assessment, Endocrine Disrupting Chemicals and Plant Assessment Expert Panel

2008-2015 Board of Directors, Massachusetts Odyssey of the Mind

2008 Senior Advisory Council Member, Coalition for a Safe & Healthy Connecticut

2007-2009 Judge, Boston High School Science Fair, and Massachusetts State Science & Engineering Fairs (Middle & High School)

REVIEWER & EDITOR ROLES, PEER-REVIEWED JOURNALS

Ad hoc reviewer for over 40 journals

Member, Editorial Board, <i>Environmental Health</i>	2014-current
Associate Editor, <i>Environmental Health</i>	2019-current
Member, Editorial Board, <i>Environmental Health Perspectives</i>	2017-current
Member, Editorial Board, <i>Reproductive Toxicology</i>	2014-current
Member, Editorial Board, <i>Endocrine Disruptors</i>	2013-2014
Associate Editor, <i>Endocrine Disruptors</i>	2014-2017

PROFESSIONAL / SOCIETY MEMBERSHIPS

Member, Endocrine Society, 2006 – current

Member, EDC Advisory Group, 2017 – 2023

Co-chair, US Task Force on EDCs, 2019 – current

Member, Research Affairs Core Committee, 2018 - 2021

Member, AOP/OECD Task Force, 2018 – current
Member, EDC Clinical Resources Task Force, 2018 – current
Member, ES/IPEN Guide to EDCs and Plastics writing group, 2019 – 2020
Member, BPA Task Force, 2017 – 2019
Member, Society for Developmental Biology, 2008 – 2014
Member, American Association for Laboratory Animal Science, 2016 – 2018

OTHER ADVISORY BOARDS AND ADVISORY ROLES

Member, Working Group on Multiple Pathways to Cancer, California Breast Cancer Research Program, 2020 – current
Scientific Advisor, SUDOC LLC., 2020 – current
Member, BizNGO Hazard Assessment Working Group, Subgroup on Endocrine Activity, 2019 – current
Horizon 2020 European Commission Grants
Scientific Advisor, ENDpoiNTs project, 2019 – 2023
Ethics Advisor, ENDpoiNTs project, 2019 - current
Scientific Advisor, ATHENA project, 2019 – 2023
Member, EPA Science Advisory Board, Chemical Assessment Advisory Committee, 2019 – current
Member, HEEDS, 2018 – current
Member, Subcommittee on Mentoring in the EDC field
Member, Subcommittee on Strategic Planning
Member, Science Communication Network, 2011 – current