

LUZ CLAUDIO, Ph.D.

ACADEMIC APPOINTMENTS

1991 - 1993:	Instructor; Division of Environmental & Occupational Medicine and Division of Neuropathology, Mount Sinai Medical Center - New York, NY
1993 - 2000:	Assistant Professor; Division of Environmental & Occupational Medicine Department of Community Medicine, Mount Sinai School of Medicine
2001 – 2008:	Associate Professor; Department of Community and Preventive Medicine Mount Sinai School of Medicine, New York NY
2004 – present:	Chief; Division of International Health Department of Community and Preventive Medicine Mount Sinai School of Medicine, New York NY
2009 – 2013:	Tenured Associate Professor, Department of Preventive Medicine
2013- present:	Tenured Professor, Department of Environmental Medicine and Public Health, & Department of Global Health

EDUCATION

Universidad de Puerto Rico	B.S.	1984	Biology
Albert Einstein College of Medicine	M.S.	1989	Pathology
Albert Einstein College of Medicine	Ph.D.	1990	Neuropathology

HONORS AND AWARDS

1990:	Robert C. Barnard Award; Environmental Protection Agency
1990:	Environmental Science and Engineering Fellowship; American Association for the Advancement of Science
1996:	Dean's Travel Award to Junior Women Faculty; American Association of Medical Colleges
1997:	Outstanding Research in Health and Safety Award; New York Laborer's Research Foundation
1998:	National Environmental Education Achievement Award; National Environmental Education and Training Foundation
1999:	Outstanding Woman Scientist Award; New York Academy of Sciences
1999:	Mentor Award of the Year; American Association for the Advancement of Science
2001:	Excellence in the Academy Award; National Education Association
2003:	Distinguished Visiting Scholar; Education Development Center
2003:	Profile Highlighted in the Book: <u>Science in the Private Interest</u>, By Sheldon Krinsky; Rowman & Littlefield Publishing Group, Inc. The book highlights Dr. Claudio as an example of science in the public interest, Chapter 11, pp. 192 - 195
2004:	Equity Champion; Educational Equity Concepts presented at the United Nations

- 2007: **Faculty Council Award for Academic Excellence;**
Mount Sinai School of Medicine
- 2018: **Award for Outstanding Service to Underserved Communities;**
Mount Sinai Auxiliary Board
- Child Health Advocate Science Award;** Children's Environmental Health Network
- 2021: **New York City Mayor's Office of Climate & Environmental Justice:**
Advisory Board Member
- 2022: **The Rachel Carson Council:** National Advisory Council Member

OTHER PROFESSIONAL APPOINTMENTS

- 1995: **National Institute of Environmental Health Sciences – Study Section**
Special Review Committee; Environmental Partnerships for Communication
Made recommendations for funding environmental justice grants
- 1997 - 1999: **U.S. Environmental Protection Agency - Committee Member**
National Advisory Committee for the Development of Acute Exposure Guideline Levels for Hazardous Substances
Provided toxicology expertise for regulation of industrial chemicals during emergency releases
- 1997 – present: **Children's Environmental Health Network - Research Committee**
Develop a research policy agenda for national efforts in children's environmental health
- 1998 – 2000: **U.S. Environmental Protection Agency - Scientific Advisory Panel**
Provided expert advice on methods and policies for developmental neurotoxicity testing of industrial chemicals
- 1998 – 2000: **New School University – Institutional Review Board**
Review grant applications on the basis of ethical conduct of research
- 1998 – 2002: **National Institutes of Health, Office of the Director – Council of Public Representatives**
Advise Dr. Harold Varmus, Director the NIH, on the establishment of a national agenda for community outreach, education and new programs that are responsive to the needs of the public
- 1999 – 2000: **International Life Sciences Institute**
Member of the Working Group on Developmental Neurotoxicity to review guidelines for pesticide regulation and testing policies
- 1999 – 2003: **Food Quality Protection Act, Scientific Advisory Panel**
Member of a national panel that reviewed the new law for regulation of pesticides by the Environmental Protection Agency
- 1999 – 2003:
2003 – present: **Environmental Health Perspectives, Journal of NIEHS/NIH** Contributing Editor
Editorial Review Board, appointed in 2003

- 2000 – 2002: **American Academy of Pediatrics; Consortium on Latino Children’s Health**
Co-authored article on the health status of Latino children and made recommendations for improving outreach and health care in this population.
- 2000- 2001: **Mount Sinai School of Medicine, Complementary and Alternative Medicine Advisory Committee.** Member of the committee that advised Dean Arthur Rubenstein on the viability of CAM at Mount Sinai School of Medicine
- 2001 – present: **American Journal of Industrial Medicine; Contributing Editor**
Review articles submitted and make recommendations for publication
- 2002 – 2003: **Academy of Education Development; Advisory Committee on Science Gender and After School**
Made recommendations for improving practices in after school programs
- 2003 – 2005: **National Institutes of Health; Environmental Health Sciences Review Committee of the National Institute of Environmental Health Sciences.**
This committee is advisory to the National Advisory Council and reviews applications from Environmental Health Centers of Excellence
- 2003 – 2004: **Mount Sinai School of Medicine;** Minority Students Admissions Committee, Center for Multicultural and Community Affairs
- 2003 – 2006: **Healthy Schools Network; Board of Directors**
- 2004 – 2006: **Adult Literacy Media Alliance and TV 411;** Advisory Board member
- 2006 – 2010: **Ciencia y Trabajo, Editorial Council,**
Brokered development of the journal of Asociacion Chilena de Seguridad as a Spanish co-publication of the NIEHS journal *Environmental Health Perspectives*. *Ciencia y Trabajo* is now the premier journal in the environmental health sciences in Latin America
- 2006 – 2010: **Fogarty International Center; Advisory Board**
National Institutes of Health, advises the director of the Fogarty International Center of the NIH on programmatic matters on global health
- 2010 – 2012: **National Institute of Environmental Health Sciences, Review Member**
2012 -2017 Strategic Plan: Advancing Science, Improving Health: A Plan for Environmental Health Research
- 2008 – present: **Collegium Ramazzini;** Member of the independent international academy of experts in occupational and environmental health
- 2012 – present: **Institute of Medicine of the National Academies**
Member of Roundtable on Environmental Health Sciences, Research and Medicine

ADMINISTRATIVE LEADERSHIP APPOINTMENTS

INTERNAL:

- 2004 – present: **Department of Environmental Medicine and Public Health - Chief of the Division of International Health** – Since appointed, has expanded international grant support, facilitated international collaboration between Mount Sinai and foreign faculty and developed formal collaborations with institutions in Mexico, Brazil, Chile, Spain, Argentina and South Africa

2012 – present: **Mount Sinai School of Medicine Diversity Council – Departmental Representative** - The Diversity Council is composed of senior faculty and reports to the Dean of the School of Medicine. Its mission is to promote diversity in faculty recruitment, retention, development and inclusion at Mount Sinai.

EXTERNAL:
1998 – 2000: **Agency for Toxic Substances and Disease Registry - Chair of Community Outreach Subcommittee, Board of Scientific Councilors**
Provided advice on community outreach, education and policy initiatives, particularly those related to national environmental justice cases

2015 – 2022: **National Academies of Science** – Roundtable on Environmental Health Sciences, Research, and Medicine

2018: **TED** – Residency Program – TED Talk “Why Science Needs Community”

TRAINING RECORD

NAME	LEVEL OF TRAINEE	ROLE IN TRAINING AND DATES	TRAINING VENUE	TRAINEE CURRENT STATUS
Alicia Hurtado	Undergraduate	Mentor Summer 1995	Short-term training program	Assistant Professor Psychiatry MSSM
Naida Montes	Undergraduate	Mentor Summer 1995	Short-term training program	Director of Technical Services, Eli Lilly, Puerto Rico
Leon Tulton*	Undergraduate to Masters	Mentor 1996 – 1998 and 2004- 2005	Short-term training program. Then as research mentor	Researcher and Editor New York City Asthma Partnership, Department of Health
Ava Onalaja *	Undergraduate	Mentor 2000	Short-term training program.	Program manager at Association of Public Health Laboratories Global Health Program
Roberto Refeca	Undergraduate	Mentor Summer 1997	Short-term training program	Manager, Regulatory Affairs at HeartWare, Inc.
Madelyn Baez, PhD	Undergraduate	Mentor 2000 - 2002	Research assistant	Post-doctoral fellow in Neuroscience, University of Pennsylvania
Allison L. Russell Haders, MD*	Undergraduate	Mentor Summer 1999	Short-term training and research assistant	Medical Attending at the Emergency Department, Trinitas Regional Medical Center, Elizabeth, NJ
Winston Kwa, MD *	Masters	Mentor Fall 1999	Mount Sinai School of Medicine Program	Internist and occupational medicine specialist at Mount Sinai School Medicine
Magdia De Jesus, PhD	High school and undergraduate	Mentor Summer 1999 and 2001	Short-term training program	PhD graduate in parasitology, Albert Einstein College of Medicine
Stephanie	Undergraduate	Mentor	Mount Sinai	Epidemiologist at the

Alexander, MPH		Summer 2001	School of Medicine Program	Centers for Disease Control and Prevention
Tania Cossio, MPH	Undergraduate and Masters	Mentor Summer 2001 Research coordinator 2003-2004	Short-term training program Division of International Health	MD Graduate New York Medical College at Valhalla, NY
Elizabeth Lopez, MPH	Undergraduate and Masters	Masters Thesis Mentor Summer 2002 2006-2008	Short-term training program Thesis committee member	Completed doctorate of Health Education, Adjunct Assistant Professor, University of Arizona
Janice Lansita, PhD	Undergraduate	Mentor 1997- 1998	Short-term training program	Completed doctorate in Toxicology at MIT Currently Pharmacology and Toxicology Reviewer at FDA
Diana Morales, MPH	Undergraduate and Masters	Mentor Summer 2002 Summer 2004 2005-2007	Short-term training program Thesis mentor	Graduate student in environmental health sciences, University of Puerto Rico
Amanda Levy, MPH	Master	Mentor Summer 2003 Summer 2004	Short-term training program	Environmental Health Epidemiologist, Department of Health, New York
Jeanette Stingone, MPH*	Master	Master thesis mentor and 2003-2007	MSSM MPH Program	Completing PhD in Epidemiology at University of North Carolina
Mariano Solorzano, MPH *	Master	Mentor 2004 - 2005	Short-term training program	Technician in Geographical Sciences, USDA
Kadiann G. Campbell, MPH	Master	Mentor Spring 2005	Short-term training program	Graduate student; Florida A&M University
Reson Konchellah, MPH	Master	Mentor Spring 2005	Short-term training program	Graduate student Florida A&M University
Andrea Bain, MPH	Master	Mentor Spring 2006	Short-term training program	Project Manager for the Florida Department of Environmental Protection
Adrienne Williams, MPH	Master	Mentor Spring 2006	Short-term training program	Received law degree from Texas Southern University Thurgood Marshall School of Law-Federal Employee, Washington, DC
Alexis Harman	Undergraduate	Mentor Spring 2007	Short-term training program	Completed an MD from St. George's University
Misha Granado, MPH	Master	Mentor Spring 2007	Short-term training program	Fulbright Fellow Barriers in breast cancer screening Barbados, WI
Sarah Williams, MPH	Master	Mentor 2007 - 2008	Short-term training program	Completed fashion merchandise and management degree at FIT, New York
Jennifer Colon	Undergraduate	Mentor	Short-term	Received MSW at Hunter

		Summer 2007	training program	College School of Social Work
Jennifer Northridge *	Medical Student	Mentor Summer 2007	Training program for medical students	Completed MD at MSSM. Pediatrics Intern at New York Presbyterian Hospital
Oluwafunke Adeyemo	Undergraduate	Mentor Fall 2007	Short-term training program	Pursuing MPH from Mount Sinai School of Medicine
Angelica Flores	Undergraduate	Mentor Fall 2007	Short-term training program	Practice Administrator, Institute for Family Health
Sheyla Garced Tirado, MPH*	Master	Mentor Summer 2008	Short-term training program	Completing an MPH from the University of Puerto Rico, Medical Sciences Campus
Nadelly Cabrera	Undergraduate	Mentor Summer 2008	Short-term training program	Pursuing a B.A in Business Administration from Rutgers University
Katherine Svensson, MPH*	Master	Mentor Fall 2008 – Spring 2009	Short-term training program	Currently Research Coordinator with Dr. Claudio
Carla Toro Colon, MPH	Master	Mentor Spring 2009 -	Short-term training program	Currently Director of Pest Interventions, New York City Department of Health
Mayra Vega	Undergraduate	Mentor Summer 2010	Short-term training program	Yale University, Clinical Research Assistant
Brenda Vazquez Fuentes	Master	Mentor Summer 2010	Short-term training program	Coordinator, International Coastal Cleanup Puerto Rico -Ocean Conservancy at Suba Dogs Society
Elaine Rodriguez	Undergraduate	Mentor 2010-2011	Short-term training program	Attending Medical school-SUNY Upstate
Nally Calzado	Undergraduate	Mentor 2010 – 2011	Short-term training program	Research coordinator at Albert Einstein College of Medicine
Kelley Coffman*	Undergraduate	Mentor 2011	Short-term training program	Medical Student at Georgetown University
Jorge Gutierrez	Master	Mentor 2012	Short-term training program	Research coordinator, Department of Pediatrics, Columbia University - Applying to medical school
Beatriz Traa	Master	Mentor 2012	Short-term training program	Medical school at the University of Rochester
Courtney Rumala	Master	Mentor 2012	Short-term training program	PhD Program
Glory Ann Rivera, MPH*	PhD	Mentor 2012	International program	Conducting joint research project at University of Puerto Rico
Andrea Deierlein, PhD*	Post-doctoral	Mentor 2011-2018	Pediatric Environmental Health Program	Currently post-doctoral Fellow at MSSM. Received a K99 Award
Jeanette Stingone, PhD*	Post-doctoral	Mentor 2012-2019	Mascia Fellow	Received postdoctoral fellowship and pilot project funding. Submitting K99 proposal in April 2015
Roni Kobrosly, PhD	Post-doctoral	Mentor 2014 - 2016	Pediatric Environmental Health Fellow	Co-founder of Stealth Mode, a medical data analysis startup

Gaurav Pandey, PhD	Assistant professor	Collaborator 2014 - 2019	Department of Genetics	Submitted and obtained pilot project proposal with the aim of collecting preliminary data for RO1 for new investigators
Carlos Melendez, PhD	Post-doctoral	2018 - 2019	Environmental Medicine and Public Health	Obtained faculty position elsewhere
Maya Korin, MS, PhD	Assistant Professor	2020 - present	Environmental Medicine and Public Health	Received pilot project funding to work on CBPR using mobile app
Muhammed Idris, PhD	Post-doctoral	2020 - 2021	Environmental Medicine and Public Health	Funded through departmental T32. Currently assistant professor at Morehouse
Faven Araya, MPH	Doctoral	2021 - present	Downstate Medical Center	Doctoral program in epidemiology at Downstate
Janille Williams, MPH	Doctoral	2021 – present	Downstate Medical Center	Doctoral program in epidemiology at Downstate

* Trainees who have co-authored peer reviewed articles. See reference list.

International Postdoctoral Fellows Mentored

NAME	LEVEL OF TRAINEE	ROLE IN TRAINING AND DATES	TRAINING VENUE	TRAINEE CURRENT STATUS
Joya Correia, MD	Post-doctoral	Doctoral Mentor 2004-2006	International Training Program in Environmental and Occupational Health	Researcher in clinical practice, University of Sao Paulo School of Medicine, Brazil
Juan Antonio Ortega, MD	Post-doctoral	2005-2006	Ministry of Health, Spain	Director of the Pediatric Environmental Health Specialty Unit, Murcia, Spain
Marcelo Firpo, PhD	Post-doctoral	Post-doctoral Mentor 2005 - 2009	International Training Program in Environmental and Occupational Health	Professor, National School of Public Health, FIOCRUZ, Rio de Janeiro, Brazil
Raul Sanchez, MD	Post-doctoral	Post-doctoral Mentor 2004-2007	International Training Program in Environmental and Occupational Health	Coordinator Of Postgraduate Program In Occupational Medicine, Mexican Institute of Social Security, Mexico
Frederico Peres, PhD	Post-doctoral	Post-doctoral Mentor 2010 - 2012	International Training Program in Environmental and Occupational	Vice-director, Center for Studies of Workers' Health and Human

			Health	Ecology, FIOCRUZ, Rio de Janeiro, Brazil
Marcia Galvan Portillo, PhD	Doctoral	Doctoral mentor 2009- 2011	International Training Program in Environmental and Occupational Health	Research professor, Institute of Public Health, Cuernavaca, Mexico
Soledad Burgos, PhD	Post-doctoral	Research advisor 2008	International Training Program in Environmental and Occupational Health	Researcher, School of Public Health, University of Chile, Santiago, Chile
Joao Machado Torres, PhD	Post-doctoral	Post-doctoral mentor 2004 - 2007	International Training Program in Environmental and Occupational Health	Professor IV, Rio de Janeiro Federal University, Brazil
John Sydenstricker-Neto, PhD	Post-doctoral	Post-doctoral Mentor 2006 - 2008	International Training Program in Environmental and Occupational Health	Researcher Centro de Estudo de Metropole, Sao Paulo, Brazil
William Weissmann, PhD	Post-doctoral	Post-doctoral Mentor 2009 - present	International Training Program in Environmental and Occupational Health	Researcher and professor in the Masters and Doctorate degree programs in public health at FIOCRUZ, Rio de Janeiro, Brazil
Ana Maria Mora-Mora, MD, PhD	Doctoral	Mentor 2011-present	Training Program to Reduce Chronic Diseases in Latin America	Researcher, IRET Universidad Nacional Costa Rica & PhD Epidemiology Environmental Research and Children's Health (CERCH) UC Berkeley
Carmen Froes, PhD	Postdoctoral	Mentor 2015 - 2019	Pediatric environmental health in Brazil	Associate Professor at Federal University of Rio de Janeiro supported on a one-year sabbatical by the Brazilian Ministry of Health
Chanapong Rojanaworarit, PhD	Postdoctoral	Mentor 2016-2017	Geographical variation of fluoride content in drinking water and factors influencing dental	Faculty of Public Health, Mahidol University Assistant professor of

			fluorosis in children in Thailand	Public Health at Hofstra University
Natnaree Aimyong, PhD	Postdoctoral	Mentor 2016-2017	Risk characterization and risk perception of occupational risk among Thai Orchid Farm's worker	Lecturer Department of Biostatistics, Faculty of Public Health Mahidol University, Thailand
Mathuramat Seesen, MD	Postdoctoral	2018 -2019	The association of organophosphate pesticides exposure and risk of type 2 diabetes	Lecturer in Family Medicine, Chiang Mai University, Thailand
Kevin Ardon, MPH	Doctoral	2021 - 2022	Effects of climate change events in Honduras	Currently completing MD. International Federation of Medical Student Associations
Cynthia Almendariz, PhD	Postdoctoral	2022 - 2023	Pesticides in avocado workers in Mexico	Received Fulbright scholarship

* Trainees who have co-authored peer reviewed articles. See Peer Reviewed Research Publications list.

MENTORING ACTIVITIES

TEACHING ACTIVITY/TOPIC	LEVEL	ROLE	NUMBER OF LEARNERS	NUMBER OF HOURS PER Week/Month/Year	YEARS TAUGHT
Short-term Training Program for Minority Students	Undergraduate & Masters	Director/ PI	6 per year	12 weeks per year	1994 – present
International Training and Research in Environmental and Occupational Health	Post-graduate	Director/ PI	5 per year	Two year training program	1995 – 2014
International Exchange Program for Minority Students	Undergraduate Masters Doctoral	Director/PI	10 per year	12 weeks per year	2006 - present
Online course on Pediatric Environmental Health in English and Spanish	Post-doctoral	Creator/ lead faculty	24/ semester	20 weeks/course cycle	2015 - present

GRANTS AND CONTRACTS SUPPORT

Funding Source Project Title Number	Role in Project & Percent Effort	Dates	Direct Costs Current Year	Supplemental Information
NIH/ NCMHD International Exchange Program for Minority Students 2 T37 MD001452-19	PI 30%	7/01/2005 – 12/31/2023	\$240,655	Successfully renewed twice. Program receives 400+ applications for 10 positions available
NIH/NHLBI 1 R25HL108857-10 Short-term Research Training Program	PI 5%	6/15/2011 – 5/31/2028	\$250,000	Training program for minority students at the master's level.
NIH/FIC 1 D43 TW 011403 – 04 International Training in Environmental Health over the Lifespan	PI 20%	8/15/2020 – 5/31/2025	\$240,000 + \$80,000 supplement	To train and mentor environmental health scientists in Costa Rica and provide courses for Latin American researchers

COMPLETED GRANTS AND CONTRACTS

Funding Source Project Title Number	Role in Project & Percent Effort	Dates	Direct Costs Current Year	Supplemental Information
NIH/ NIEHS Training in Environmental Health to Reduce Chronic Disease in Latin America (Global Pediatric Environmental Health) 1 D43 ES018745-05	PI	9/01/2009 – 8/31/2014	\$220,035	Received administrative supplement. Global program for training in pediatric environmental health. Currently in no cost extension through 2015 due to elimination of the program by NIH
NIH/FIC (ARRA Supplement) Information and Communication Technology Initiative Supplement to the Mount Sinai International Programs 1 D43 TW00640-12-S1	PI	10/01/2009 – 2/28/12	\$40,000	Competitive ARRA Supplement to the International Training Program

Ford Foundation Environmental Justice Resource Center	PI	9/01/2004 – 8/30/2007	\$104,909	Conducted research on environmental health disparities
NIH/ NIMH An in vitro model of the blood-brain barrier K01 MH 01430	PI	7/01/1997 - 6/31/2002	\$150,000	Mentored by Dr. David Colman
NIH/NIEHS Superfund Basic Research Program: Organochlorides in New York and the Hudson P42 ES07384	Core PI	5/01/1995 - 3/31/2006	\$100,000 Direct costs of Core	Directed the Community Outreach and Education Core
NIH/EPA P01 ES09584-05 EPA R827039-01-1 Inner City Toxicants, Child Growth and Development	Core PI	11/01/03 - 10/31/08	\$100,000 Direct costs of Core	Directed the Community Outreach and Education Core
SEARCH Prevalence of Asthma in New York City Children	PI	1/1/2005 – 12/31/2009	\$81,000	Awarded in response to findings on asthma prevalence in East Harlem
NIH/ NIEHS/ NCI Breast Cancer and the Environment Research Center U01 ES12771-05	Core PI	7/01/2003 – 6/30/2010	\$50,000 Direct costs of Core	Chair of the Committee on Community Outreach for the Collaborative Centers
NIH / NIEHS Short-term Research Training for Minority Students 5 T35 ES07298-13	PI	4/01/1994 – 3/31/2010	\$43,717	Grant competitively renewed three times
R24 TW009560-01 Occupational Health Research, Policy and Capacity Building in Thailand-US	PI of subcontract 5% (Susan Woskie, PI)	6/01/2015 – 5/31/2020	Variable depending on number of trainees	New Program for training in environmental and occupational health in Thailand

NIH/ FIC International Training and Research in Environmental and Occupational Health 1 D43 TW00640-16	PI 15%	9/30/1995 – 12/31/2015	\$212,000	Received administrative supplement. Received no-cost extension through 2015 due to elimination of the program by NIH
NIH/NIBIB 5 R25 EB020393 Community Research Education and Engagement for Data Science (CREEDS)	Multiple PI Claudio, Kovatch, Sharp (7%)	9/30/2015 – 6/30/2018	\$200,000	To create courses and training programs in the use of data science in health research and to increase the numbers of minority and women researchers using data science.

PUBLICATIONS

Peer-Reviewed Original Research Articles

1. Chiu FC, Sacchi RS, Claudio L, Kobayashi S, Suzuki K: Coexpression of glial fibrillary acidic protein and vimentin in CNS and PNS. *Glia* 1: 105-112, 1988
2. Claudio L, Kress Y, Factor JF, Norton WT, Brosnan CF: Ultrastructural studies of the blood-brain barrier in acute experimental autoimmune encephalomyelitis. *J of Neuropathol & Experimental Neurol* 47: 323, 1988
3. Claudio L, Kress Y, Norton WT, Brosnan CF: Increased vesicular transport and decreased mitochondrial content in blood-brain barrier endothelial cells during experimental autoimmune encephalomyelitis. *American Journal of Pathology* 135: 1157-1168, 1989
4. Brosnan CF, Claudio L, Tansey FA, Martiney J: Mechanisms of autoimmune neuropathies. *Annals of Neurology* 27: S75-S79, 1990
5. Claudio L, Kress Y, Factor J, Brosnan CF: Mechanisms of edema formation in experimental autoimmune encephalomyelitis: The contribution of inflammatory cells. *Am Journal of Pathology* 137: 1033-1045, 1990
6. Brosnan CF, Claudio L, Martiney JA: The blood-brain barrier during immune responses. *Seminars in the Neurosciences* 4: 193-200, 1992
7. Claudio L, Brosnan CF: Effects of prazosin on the blood-brain barrier during experimental autoimmune encephalomyelitis. *Brain Research* 594: 233-243, 1992
8. Claudio L: An analysis of the U.S. Environmental Protection Agency neurotoxicity testing guidelines. *Regulatory Toxicology and Pharmacology* 16: 202-212, 1992
9. Claudio L, Martiney JA, Brosnan CF: Ultrastructural studies of the blood-retina barrier after exposure to interleukin-1b or tumor necrosis factor-a. *Laboratory Investigation* 70: 850-861, 1994

10. Claudio L, Raine CS, Brosnan CF: Evidence of persistent blood-brain barrier abnormalities in chronic-progressive multiple sclerosis. *Acta Neuropathologica* 90: 228-238, 1995
11. Claudio L: Ultrastructural features of the blood-brain barrier in biopsy tissue from Alzheimer's disease patients. *Acta Neuropathologica* 91: 6-14, 1996
12. Claudio L, Lee T, Wolff MS, Wetmur, JG: A murine model of genetic susceptibility to lead bioaccumulation. *Fundamental and Applied Toxicology* 35: 84-90, 1997
13. Landrigan PJ, Claudio L: Heart rate variability: A new physiologic marker of autonomic neurotoxicity. *Journal of Pediatrics* 130(5):725-729, 1997
14. Claudio L, Torres T, Sanjurjo E, Sherman L, Landrigan PJ: Environmental health sciences education -A tool for achieving environmental equity and protecting children. *Environmental Health Perspectives* 106 (Suppl 3) 849-855, 1998
15. Claudio L, Bearer C, Wallinga D: Assessment of the U.S. Environmental Protection Agency methods for identification of hazards to developing organisms Part I: The reproduction and fertility testing guidelines. *American Journal of Industrial Medicine* 35: 543-553, 1999
16. Claudio L, Bearer C, Wallinga D: Assessment of the U.S. Environmental Protection Agency methods for identification of hazards to developing organisms Part II: The developmental toxicity testing guidelines. *American Journal of Industrial Medicine* 35:554-563, 1999
17. Garcia-Arenas G, Claudio L, Perez-Severiano F, Rios C: Low-level lead acetate exposure inhibits nitric oxide synthase activity in capillary and synaptosomal fractions of mice brain. *Toxicol Sciences* 50: 244-248, 1999 *
18. Landrigan PJ, Claudio L, Markowitz SB, Berkowitz GS, Brenner BL, Romero H, Wetmur JG, Matte TD, Gore AC, Godbold JH, Wolff MS: Pesticides and inner city children: Exposures, Risks and Prevention. *Environmental Health Perspectives* 107(Suppl 3):431-437, 1999
19. Claudio L, Tulton L, Doucette J, Landrigan PJ: Socioeconomic factors and asthma hospitalization rates in New York City. *Journal of Asthma* 36: 343-350, 1999 *
20. Onalaja A, Claudio L: Genetic influences in lead poisoning. *Environ Health Perspect* 108: 23-28, 2000 *
21. Claudio L, Kwa W, Russell AL, Wallinga D: Testing methods for developmental neurotoxicity of environmental chemicals. *Toxicology and Applied Pharmacology* 164: 1-14, 2000 *
22. Garman RH, Fix AS, Jortner BS, Jensen KF, Hardisty JF, Claudio L, Ferenc S: Methods to identify and characterize developmental neurotoxicity for human health risk assessment II: Neuropathology. *Environ Health Perspect* 109 (suppl) 93-111, 2001
23. Dorman DC, Allen SL, Byczkowski JZ, Claudio L, Fisher, Jr. JE, Fisher JW, Harry GJ, Li AA, Makris SL, Padilla S, Sultatos LG, Mileson BE: Methods to identify and characterize developmental neurotoxicity for human health risk assessment III: *Environ Health Perspect* 109 (suppl): 101-111, 2001

24. Claudio L: Reaching out to the next generation of scientists. National Education Association Journal 17: 77-86, 2001
25. Flores G, Fuentes-Afflick E, Carter-Pokras O, Claudio L, Lamberty G, Lara M, Pachter L, Ramos Gomez F, Mendoza F, Valdez RB, Zambrana RE, Greenberg R, Weitzman M. Why ethnicity and race are so important in child health services research today. Arch Pediatr Adolesc Med 155, 1178-1179, 2001
26. Flores G, Fuentes-Afflick E, Barbot O, Carter-Pokras O, Claudio L, et al: The health of Latino children: Urgent priorities, unanswered questions, and a research agenda. JAMA 288: 82-90, 2002
27. D'Amato C, **Torres JP**, Malm O, Bastos W, Claudio L, Markowitz S: DDT in fishes from four different Amazon sites: Exposure assessments for breast feeding infants. Organohalogen Compounds 66: 2483-2490, 2004 *
28. **Ortega Garcia JA**, Ferris I Tortajada J, Claudio L, Berbel Tornero O: Pediatric environmental health units in Europe: from theory to action (Spanish). Ann Pediatr (Barc) 63: 143-151, 2005
29. Ferris I Tortajada J, Berbel Tornero O, **Ortega Garcia JA**, Claudio L, Garcia Castell J, Marti Perales V, Miranda Casas I. Risk factors for malignant bone tumors in pediatrics (Spanish). Annals Pediatr 63: 537-547, 2005 *
30. **Ortega Garcia JA**, Ferris Tortajada J, Canovas Conesa A, Claudio L, Berbel Tornero O. Environmental neurotoxins III. Organiochlorines, organobromines and bisphenol A: Adverse effects on the fetal and postnatal nervous systems. Acta Pediatrica Esp 63: 788-798, 2006 *
31. **Peres F**, Moreira JC, Rodrigues KM, Claudio L: Risk perception and communication regarding pesticide use in rural work: A case study in Rio de Janeiro, Brazil. International Journal of Occupational and Environmental Health 12: 400-407, 2006 *
32. **Sanchez-Roman FR**, Juarez-Perez CA, Aguilar-Madrid G, Haro-Garcia L, Borja-Aburto VH, Claudio L: Occupational Health in Mexico. International Journal of Occupational and Environmental Health 12: 346-354, 2006 *
33. Claudio L, Stingone J, Godbold J: Prevalence of childhood asthma in urban communities: the impact of ethnicity and income. Annals of Epidemiology 16: 332-340, 2006 *
34. Stingone J, Claudio L: Asthma and enrollment in special education among urban schoolchildren. American Journal of Public Health 96: 1593-1598, 2006 * (Awarded best paper at the meeting of the American Public Health Association, Philadelphia, PA 2005)
35. Claudio L, Stingone J: Disparities in use of urgent health care services among asthmatic children. Annals of Allergy Asthma Immunology 97: 244-250, 2006 *
36. Azeredo A, **Torres JPM**, Fonseca, MF, Britto, JL, Bastos WR, Silva CA, Cavalcanti G, Meire RO, Sarcinelli PN, Claudio L, Markowitz S, Malm O. DDT and its metabolites in breast milk from the Madeira River basin in the Amazon, Brazil. Chemosphere 73, 5246-5251, 2008 *
37. Rauh VA, Landrigan PJ, Claudio L: Housing and Health: Intersection of poverty and environmental exposures. Ann NY Acad Sci 1136: 276-288, 2008

38. Stingone J, Claudio L: Improving sampling and response rates in school-based research through participatory methods. *Journal of School Health* 78: 445-451, 2008 *
39. Stingone J, Claudio L: Disparities in allergy testing and health outcomes among urban children with asthma. *Journal of Allergy and Clinical Immunology* 122: 748-753, 2008 *
40. Claudio L, Stingone J: Primary household language and asthma care among Hispanic children. *Journal of Health Care for the Poor and Underserved* 20: 766-779, 2009 *
41. Claudio L, Stingone J: Components of recommended asthma care and the use of long-term control medication among urban children with asthma. *Medical Care* 47: 940 – 947, 2009 *
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* Indicates publications co-authored as senior author with students or mentees

Invited Peer-Reviewed Articles and Reviews

1. Claudio L: Waste couture: Environmental impact of the clothing industry. *Environmental Health Perspectives* 115: 448-454, 2007 (Cover article)
2. Claudio L: Standing on principle: The global push for environmental justice. *Environmental Health Perspectives* 115: 500-503, 2007
3. Claudio L: Synthetic Turf: A health debate takes root. *Environmental Health Perspectives* 116: A116-A122, 2008 (Cover article)
4. Claudio L: Switch on the Night: Policies for smarter lighting. *Environmental Health Perspectives* 117: A29-31, 2009
5. Claudio L: Planting healthier indoor air. *Environmental Health Perspectives* 119: A426-427, 2011
6. Claudio L: Our food: packaging and public health. *Environmental Health Perspectives* 120: 232-237, 2012 (Cover article)
7. Claudio L, Rodriguez-Baez R: Global Environmental Health Education. In Book: *Higher Education Leadership for Democracy, Sustainability, and Social Justice*. (In press).

Books and Book Chapters

1. Brosnan C, Claudio L: Brain microvasculature and multiple sclerosis. In: *An Introduction to the Blood-Brain Barrier: Methodology and Biology*. Pardridge WM, ed. Cambridge University Press, pp. 386-400, 1998
2. Hof P, Trapp BD, Lufkin T, De Vellis J, Claudio L, Colman DR: The cellular components of the nervous tissue. In: *Fundamental Neuroscience*. FE Bloom, SC Landis, JL Roberts, LR Squire, MJ Zigmond, eds. Academic Press, pp. 41-70, 1998
3. Friedman-Jimenez G, Claudio L: Environmental Justice. In: *Textbook of Environmental and Occupational Medicine*, Third Edition. Rom WN, ed., Lippincott-Raven Press, 1731-1740, 1998
4. Claudio L, Garg A, Landrigan PJ. Addressing environmental health issues. In: *Terrorism and Public Health*. Levy B, Sidel V, eds., Oxford University Press, New York, pp. 69-79, 2002

5. Solorzano M, Stingone JA, Rivera Rentas A, Claudio L. Comparison of fine particulate matter and ozone levels in ZIP code areas of New York City with different asthma burdens. In: *Transactions on Ecology and the Environment*, vol 85. Proceedings of the 1st International Conference on Environmental Exposure and Health; 2005 Oct 6-9; Atlanta, GA. p. 23-33
6. Friedman-Jimenez G, Claudio L: Health Disparities in Environmental and Occupational Health. In: *Textbook of Environmental and Occupational Medicine*, Fourth Edition. Rom WN, ed., Lippincott-Raven Press, 2006
7. Landrigan PJ, Claudio L. Pesticides. In: *Environmental Toxicants-Human Exposures and Their Health Effects, Third Edition*. Lippmann M, ed., John Wiley & Sons, Inc, New York, Chapter 24, pp. 947-966, 2009
8. London L, Joshi IK, Cairncross E, Claudio L: Environmental Justice: An International Perspective. In: *Encyclopedia of Environmental Health, volume 2*. Burlington, Elsevier, pp 441-448, 2010
9. Lee HH, Milam EC, Claudio L, Landrigan PJ, Crane MA: Investigating the Health Consequences of the World Trade Center Attack. In: *Terrorism and Public Health, Second Edition*. Levy B, Sidel V, eds., Oxford University Press, New York, pp. 67-79, 2011
10. Claudio L: Impact of Poverty, Disparity and Injustice on Children's Environmental Health. In: *Textbook of Children's Environmental Health*. Landrigan PJ, Etzel RA, Eds. Oxford University Press, Chapter 57, 2014
11. Claudio L: How to Write and Publish a Scientific Paper: The Step-by-Step Guide. Write Science Now Publishing Co. 2016

Publications in News Formats

1. Claudio L: New efforts to address childhood asthma in the Bronx. *Environmental Health Perspectives* 104: 1028-1029, 1996
2. Claudio L: Increasing minority participation in environmental health sciences. *Environmental Health Perspectives* 105: 174-176, 1997
3. Claudio L: Community outreach and education programs of the NIEHS Centers. *Environmental Health Perspectives* 105: 278-281, 1997
4. Claudio L: Environmental Health in Cuba. *Environmental Health Perspectives* 107: 246-251, 1999
5. Claudio L: Environmental aftermath of the World Trade Center disaster. *Environmental Health Perspectives* 109: 529-536, 2001
6. Claudio L: The Hudson: A river runs through an environmental controversy. *Environmental Health Perspectives* 110: 184-187, 2002
7. Claudio L: Building self-reliance in environmental science: The ITREOH experience. *Environmental Health Perspectives* 111: A460-463, 2003
8. Claudio L: Breast cancer takes center stage. *Environmental Health Perspectives* 112: 92-95, 2004

9. Claudio L: NYC Adopts Pesticide Laws. Environmental Health Perspectives 113: A662, 2005
10. Claudio L: Making progress on breast cancer 114: Environmental Health Perspectives 114: A98-99, 2006
11. Claudio L: Green My Health: A clear look at water bottles. Prevention Magazine, pp 2001 -2002, September 2008
12. Claudio L: Planting Healthier Indoor Air. Environmental Health Perspectives, 119: A 426-427, 2011
13. Claudio L: Our food: Packaging and Public Health. Environmental Health Perspectives 120: 232-237, 2012
14. Thigpen-Tart K. Dr. Luz Claudio: A mission to build capacity in Latin America. NIEHS Newsletter, March 2013,
http://www.niehs.nih.gov/research/programs/geh/geh_newsletter/training/index.cfm

Invited Lectures/Presentations (selected since 2001)

1. Environmental Health Issues Related to the World Trade Center Disaster – Convened by the National Institute of Environmental Health Sciences and New York University. New York, NY, October 18, 2001
2. Children’s Susceptibility to Environmental Pollutants – Health Effects Institute Annual Conference, Seattle, Washington, April 28, 2002
3. Environmental Injustice –Century Foundation’s Policy in Perspective Series, New York, New York, June 28, 2002
4. Asthma in New York City Schools – Healthy Schools Network- A forum of New York Government Officials, New York, NY, October 9, 2002
5. Societal Factors and Air Pollution – Health Effects Institute Annual Conference, Air Pollution: Integrating Exposure and Effects. Seattle, WA, April 28, 2002
6. Policy Forum for New York City Interns on Environmental Policy. Century Foundation, New York, NY, June 28, 2002
7. New Findings on Asthma in the Urban Poor – Harvard Center for Health Policy Presentations to Congress, Shepherdstown, WV, April 15, 2003
8. Environmental Health Education: A Tool for Community Empowerment – Education Development Center Visiting Scholar, Boston, MA, October 7, 2003
9. International Training Programs in Environmental Health Sciences – 3rd Brazilian Seminar on Environment and Health, Oswaldo Cruz Foundation, Rio de Janeiro, Brazil, September 20, 2004
10. Communicating Environmental Health Sciences Information to Minority Communities – Regional Cancer and Environment Forum, Cornell University, New York, October 29, 2004
11. The Relationship Between Environmental Injustice and Health Disparities – Meeting of Grantmakers in Health and the Health and Environmental Funders Network, New York, December 6, 2004
12. How to Communicate with the Underserved Population – Meeting of the Breast Cancer and the Environment Research Centers, Princeton, New Jersey, November 4, 2004
13. Environmental Health Sciences Education: A Tool for Achieving Environmental Justice – Children’s Environmental Health Network. Washington, DC, February 22, 2005
14. The Role of the Community in the Solutions to Pediatric Asthma – Collaborative on Health and the Environment, Anchorage, Alaska. December 1, 2005
15. Bringing Minority Girls into Science – Academy for Educational Development, Keynote Speaker, New York, NY, September 26, 2007

16. Grassroots Environmental Education – Program on Synthetic Turf, Rye, New York, November 24, 2008
17. Clinton Global Initiative University – Moderator of Session: From Global to Local: How the Environment Impacts Health. University of Texas at Austin, February 14, 2009
18. Keynote Address: Pediatric Environmental Health Challenges and Opportunities. Agency for Toxic Substances and Disease Registry – The Puerto Rico Children’s Environmental Health Conference. San Juan, Puerto Rico. June 24, 2009
19. Global Environmental Health – Unite for Sight Global Health and Innovation Conference Sunday, Yale University, New Haven, CT, April 18, 2010
20. International Training in Pediatric Environmental Health – US Environmental Protection Agency Region 2, San Juan, Puerto Rico, April 14, 2012
21. Ibero-American Congress of Toxicology – Keynote Environmental Toxicology in the Americas. Comodoro Rivadavia, Argentina. September 23, 2014
22. Bringing it full circle: Training programs in Latin America. Fogarty International Center of the NIH. September 28, 2023

MEDIA RESOURCES OR EDUCATIONAL MATERIALS

1. Pediatric Environmental Health Course - A 60 hour online course designed to increase knowledge of medical providers in Spanish-speaking countries about pediatric environmental health.
2. Computer-assisted school-based asthma management program, Asthma Pal – Collaborated with private firm to create a web-based program to help elementary school children self-manage asthma symptoms.
3. How to Write and Publish a Scientific Paper: The Step-by-Step Guide – Workbook available on Amazon. Online course on T

Abstracts (selected since 2002)

1. Stingone JA, Estrada B, Claudio L. School-based assessment of asthmatic children in East Harlem 2002 CDC National Asthma Meeting, Atlanta GA
2. Huertas-Fernandez A, Drew C, Claudio L. Enterococci as an indicator of Hudson River recreational water quality: A community-based participatory research study. Superfund Basic Research Program Annual Meeting, Dartmouth College, November 9-12, 2003
3. Liao V, Li X, Brownawell B, Stingone JA, Claudio L. A community-university partnership: Assessing the Hudson River Superfund site, 2004 Superfund Basic Research Program Annual Meeting, Seattle, WA.
4. Speranza A, Gitterman B, Claudio L, Ferris i Tortajada J, Ortega García JA. Red Internacional Medio Ambiente y Cáncer Pediátrico. In Abstract Book:II Internacional Conference Children’s Environmental Health, WHO/OPS. Buenos Aires, 2005: 27-28
5. Peres F & Claudio L Integrative and Participatory Risk Assessment Approach: a model to assess the Brazilian’s rural workers vulnerability and link research to action. Abstract Book, International Forum of Social Sciences and Health World Congress. Istanbul, IFSSH. 2005: p. 307-309
6. Stingone J, Claudio L: Association between asthma and special education in a large, urban school system. **Awarded Best Paper at American Public Health Association Conference December 10-14, 2005, Philadelphia, PA
7. Stingone JA, Konchellah R, Campbell K, Claudio L. A school-based asthma management program to improve health outcomes of inner-city children. 2005 Mount Sinai Community Health Symposium, New York, NY.

8. Stingone JA and Claudio L. Community outreach and empowerment on the Hudson River, 2005 Superfund Basic Research Program Annual Meeting, New York, NY
9. Chace R, Stingone JA, Claudio L. A pilot study of a computer-assisted school-based asthma management program. 2005 Mount Sinai's Institute of Medical Education Educational Research Day, New York, NY
10. Stingone JA, Tulton L, Claudio L. Association between asthma and educational outcomes in a large, urban school system. 2005 Annual Meeting of the American Public Health Association, Philadelphia, PA.
11. Bain A, Stingone JA, Claudio L. A study of the relationship between asthma prevalence in children and exposure to household asthma triggers in New York City. 2006 Mount Sinai Community Health Symposium, New York, NY.
12. Stingone JA, Chace R, Claudio L. Predicting the utilization of preventive care among urban children with asthma. 2006 North American Congress of Epidemiology. Seattle, WA.
13. Chace R, Pina B, Stingone JA, Williams A, Arnold R, Claudio L. School-based asthma intervention using a computerized self-management program in low-income minority children. 2006 International Conference on Environmental Epidemiology and Exposure. Paris, France.
14. Stingone JA and Claudio L. The role of allergy treatment in asthma management among urban children. 2007 Annual Meeting of the American Academy of Allergy, Asthma, and Immunology. San Diego, CA.
15. Ramirez OF, Stingone J, Claudio L. Childhood obesity is associated with neighborhood socioeconomic status in New York City schoolchildren. American Public Health Association (oral presentation), 2008, San Diego, CA
16. Ramirez OF, Stingone J, Claudio L. Prevalence, demographics and health outcomes of pediatric asthma and overweight in urban communities. American Public Health Association, 2008, San Diego, CA
17. Williams S, Barnett M, Ramirez O, Claudio L. Effects of outreach on retention rates of minority children in a longitudinal study. Breast Cancer and the Environment Research Centers Meeting, 2008, Birmingham, AL
18. Machado Torres JP, Pause R, Claudio L. Polycyclic aromatic hydrocarbons in Amazon fishes from Brazil. PRIMO15, May, 2009, Bordeaux, France
19. Correia –Deur J, Claudio L., Stingone J, Imazawa A, Neto JE. Variations in peak expiratory flow measurements associated with air pollution and allergic sensitization in children in Sao Paulo, Brazil. International Society for Environmental Epidemiology 21st Annual Conference, August 2009, Dublin, Ireland
20. Svensson, K., Hernández-Ramírez, RU., Burguette, A., Cebrián, M.E., Claudio, L., López-Carrillo, L. Concentrations of urinary phthalates metabolites in mexican women with and without diabetes. XII International Congress of Toxicology, August 2011, Barcelona, Spain
21. Brenner B, Greenberg GE, Barlow, J, Aldsworth C, Monroe P, Claudio L., Teitelbaum S, Biro F, Pinney S, Kushi L. Returning environmental biomarker results to research participants in a puberty study. International Society of Environmental Epidemiology 2012, South Carolina, US
22. Coffman K, Deierlein A, Claudio L. Analysis of the caloric and macronutrient content of meal options offered to adults and children at popular restaurant chains. Georgetown University School of Medicine, Washington, DC, April 29, 2014
23. Stingone J, McVeigh KH, Claudio L. Effects of prenatal exposure to diesel and perchlorethylene on children's standardized test scores in an urban environment. International Society of Environmental Epidemiology 2015, São Paulo, Brazil. September 1, 2015
24. Froes CI, Landrigan, PJ, Camara V, Claudio L. Pesticides trade and congenital abnormality outcomes in Brazil. Accepted for presentation at the 28th annual International Society for Environmental Epidemiology conference to be held in Rome, Italy on 1-4 September, 2016

25. Stingone J, McVeigh KH, Claudio L. Early-life exposure to ambient benzene, toluene, ethylbenzene and xylene and ADHD-related behaviors and diagnosis among a nationally-representative sample of kindergarten children. Accepted for presentation at the 28th annual International Society for Environmental Epidemiology conference to be held in Rome, Italy on 1-4 September, 2016
26. Olano-Soler HA, Ortega-Garcia JA, Claudio L. Breastfeeding: a Protective factor against anogenital distance shortening in infants? American Public Health Association, Denver, Colorado, Oct 20-Nov 2, 2016
27. Dellefratte K, Stingone JA, Claudio L. Combined effects of BTEX and material hardship on child ADHD behaviors among a nationally-representative sample. Society for Pediatric and Perinatal Epidemiologic Research (SPER). Baltimore, MD, June 18-19, 2018

PROFESSIONAL GOALS

1. Research: Continue to conduct, publish and disseminate scholarly public health research that addresses issues of health disparities and environmental justice in minority populations and children with an increasing focus on using big data in epidemiological research.
2. Research Translation: Translate and disseminate research findings into information that can be understood by the lay public and applied by policy makers to reduce environmental exposures and decrease health disparities in minority populations with an increasing focus on outcomes measures.
3. Innovation in Training and Education: Develop best practices to train the next generation of global health and community-based scientists and physicians, especially those of minority backgrounds.
4. International Research Cooperation: Collaborate with colleagues in other nations to develop, implement and sustain environmental health research projects to improve the health of disadvantaged populations abroad and to disseminate state-of-the-art knowledge on disease prevention and environmental health in those countries and in the United States.
5. Global Health Capacity Building: Expand on existing collaborations and build new training sites in foreign institutions where faculty and students from the United States can work to develop research skills and international research collaborations that become sustainable.