

## Curriculum Vitae

November 1, 2019

### PERSONAL INFORMATION

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Name: Bole, Aparna

#### Education

School: Harvard University  
Degree: B.A., Biology, *cum laude*  
Place: Cambridge, MA  
Dates: 1996-2000

School: University of Michigan Medical School  
Degree: M.D., *cum laude*  
Place: Ann Arbor, MI  
Dates: 2002-2006

#### Post-Graduate Training

Institution: UH Rainbow Babies & Children's Hospital  
Position: Pediatric Resident  
Place: Cleveland, OH  
Dates: 2006-2009

Institution: UH Rainbow Babies & Children's Hospital  
Position: Pediatric Chief Resident  
Place: Cleveland, OH  
Dates: 2009-2010

### PROFESSIONAL APPOINTMENTS

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Position: Division Chief, General Academic Pediatrics & Adolescent  
Medicine

Institution: UH Rainbow Babies & Children's Hospital  
Dates: January 2018-present

Position: Medical Director, Rainbow Ambulatory Practice  
Institution: UH Rainbow Babies & Children's Hospital  
Dates: January 2018-present

Position: Interim co-Division Chief, General Academic Pediatrics &  
Adolescent Medicine

Aparna Bole, MD, FAAP

Institution: UH Rainbow Babies & Children's Hospital  
Dates: May 2017-December 2017

Position: Interim co-Medical Director, Rainbow Ambulatory Practice  
Institution: UH Rainbow Babies & Children's Hospital  
Dates: May 2017-December 2017

Position: Medical Director, Community Integration  
Institution: UH Rainbow Babies & Children's Hospital  
Dates: January 2015-present

Position: Sustainability Advisor  
Institution: University Hospitals  
Dates: January 2016-December 2017

Position: Sustainability Manager  
Institution: University Hospitals  
Dates: August 2010-December 2015

Position: Consultant  
Institution: Oliver Wyman & Company (international financial services management consultancy)  
Dates: June 2000-December 2001

## **ACADEMIC APPOINTMENTS**

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Position: Associate Professor  
Department: Pediatrics  
Institution: Case Western Reserve University School of Medicine  
Dates: 2018-present

Position: Assistant Professor  
Department: Pediatrics  
Institution: Case Western Reserve University School of Medicine  
Dates: 2010-2018

Position: Clinical Instructor  
Department: Pediatrics  
Institution: Case Western Reserve University School of Medicine  
Dates: 2009-2010

## **CERTIFICATION AND LICENSURE**

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Board: Ohio State Medical Board  
License #: 35.093363  
Date: April 2009-July 2019

Aparna Bole, MD, FAAP

Board: American Board of Pediatrics  
ABP ID: 676763  
Date: 2009-present

### **MEMBERSHIP IN PROFESSIONAL SOCIETIES**

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Fellow, American Academy of Pediatrics: 2011-present  
Council Fellow, AAP Council on Environmental Health: 2011-present  
Council Fellow, AAP Council on Community Pediatrics: 2016-present  
Chapter Fellow, Ohio AAP: 2015-present

### **HONORS AND AWARDS**

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Ann Arbor Ecology Center award for outstanding contribution to improving the environmental quality of Southeast Michigan, 2006  
University of Michigan Dean's Commendation for Excellence in Clinical Skills and the Art of Medicine, 2006  
University of Michigan Department of Pediatrics Harry A. Towsley Award, for most outstanding senior medical student in pediatrics, 2006  
Carl Zeithaml Award for outstanding graduating senior resident, 2009  
Overall Outstanding Resident Research Project, 2009  
CWRU Medical School Scholarship in Teaching Award, 2009  
*Crain's Cleveland Business* Emerald Award (for outstanding individual contribution to sustainability in the region), 2011  
YWCA Cleveland *Women of Professional Achievement*, 2012  
*Crain's Cleveland Business* 40 Under 40, 2012  
Rotary Club of Cleveland Business Leadership Award for Sustainable Business Practices Leadership, 2015  
Cleveland Clinic Foundation Ken Lee Distinguished Lecturer, 2016  
Rainbow Babies & Children's Foundation Associate Board "Local Rock Star" Award, 2018

### **PROFESSIONAL SERVICE**

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Organization: UH Cleveland Medical Center  
Committee Name: Sustainability Committee  
Purpose: Convene multidisciplinary leaders to improve environmental stewardship and implement system sustainability goals at UHCMC  
Role: Co-founder, member  
Dates of service: January 2009-present

Organization: University Hospitals Health System  
Committee Name: System Sustainability Council

Aparna Bole, MD, FAAP

Purpose: Convene senior representatives from all UH hospitals and system departments to lead integration of environmental along with social and economic considerations in all of the health system's operating practices

Role: Founder & manager

Dates of service: September 2010-December 2015

Role: Member

Dates of service: September 2010-December 2017

Organization: UH Rainbow Babies & Children's Hospital

Committee: Healthy Harvest program

Purpose: Provide free locally grown produce and nutrition education to patients & families in Rainbow Ambulatory Practice/ MacDonald Women's Health Clinic

Role: Co-founder, manager

Dates of service: March 2013-present

Organization: University Hospitals Health System

Committee Name: Nutrition Committee

Purpose: Increase healthfulness and sustainable sourcing of food served in UH retail café settings, catering, and inpatient menus, as well as tracking and reporting on compliance of hospital menu items with wellness and sustainability goals, through collaboration between Supply Chain, Nutrition Services, hospital operations, clinicians, and Sustainability

Role: Founder & manager

Dates of service: December 2013-July 2017

Organization: UH RB&C and MacDonald Women's Hospitals

Committee Name: UH Rainbow Center for Women & Children design committee

Purpose: Represent clinician and patient interests in Center planning and model of care re-design, ensure integrated & sustainable design principles incorporated in design process  
Awarded "Project of the Year" recognition by Midtown Cleveland, Inc, in 2018

Role: Clinician leader

Dates of service: June 2015-July 2018

Organization: UH Rainbow Babies & Children's Hospital

Committee: Lead Poisoning Prevention & Treatment Program team

Purpose: Provide clinical support to community providers treating children with elevated blood lead levels, develop and share educational resources for clinicians and the public, advocate for lead prevention, update and implement updated screening and treatment protocols at Rainbow

Role: Coordinator

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Dates of service: October 2015-present

Organization: UH Rainbow Babies & Children's Hospital

Committee: Health Leads/Rainbow Connects steering committee

Purpose: Implement social needs navigation program for Rainbow Ambulatory Practice & MacDonald Women's Health Clinic patients and families

Role: Member

Dates of service: January 2016-present

Organization: UH RB&C and MacDonald Women's Hospitals

Committee Name: Community Advisory Board

Purpose: Convene community organizations across sectors (e.g. housing, education, food access, business community), neighborhood residents, patients & families from Rainbow Ambulatory Practice and MacDonald Women's Health Clinic to collaborate in designing the UH Rainbow Center for Women & Children, and to improve community health

Role: Founder, manager

Dates of service: March 2016-present

**Regional & national awards recognizing UH system sustainability program:**

Practice Greenhealth National Environmental Excellence Awards: all UH hospitals & UH system recognized annually 2011-2016, with individual UH hospitals being ranked among the nation's best in categories of:

Engaged Leadership

Environmentally Preferable Purchasing

Less Waste

Safer Chemicals

Ohio Hospital Association Melvin Creeley Award, 2012, 2014, 2015, 2016

Becker's Hospital Review, 50 Greenest Hospitals designation 2013-2016

Ohio Hospital Association John Chapman Award, 2013 (awarded to one hospital selected from Melvin Creeley Award nominees)

Ohio Environmental Protection Agency *E3 – Environment, Energy, Economy* Silver & Gold Awards for UH Case Medical Center, 2015, 2016

Sustainable Cleveland 2019 award for UH Employee Energy Challenge, 2015

City of Cleveland "Sustainable Cleveland" Award for Employee Energy Challenge, 2014

Northeast Ohio Area Coordinating Agency (NOACA) Commuter Choice Award – Bronze, 2014; Silver, 2015; Gold, 2016

**COMMITTEE SERVICE**

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**National**

Aparna Bole, MD, FAAP

Organization: Healthcare Without Harm  
Committee Name: National Board of Directors  
Role: Member  
Dates of service: 2013-present  
Role: Board co-chair  
Dates of service: Jan 2015-present

Organization: American Academy of Pediatrics  
Committee Name: Council on Environmental Health  
Role: Executive Committee member (chair-elect, July 2019)  
Dates of service: Jul 2014-present

Organization: Healthcare Without Harm  
Committee Name: Healthcare Climate Council  
Role: Founding member  
Dates of service: Sep 2014-December 2015

Organization: Practice Greenhealth  
Committee name: National Board of Directors  
Role: Board co-chair  
Dates of service: Jan 2015-present

Organization: Healthcare Without Harm  
Committee Name: Clinicians Champions in Comprehensive Antimicrobial Stewardship  
Role: Member  
Dates of service: July 2015-present

Organization: Natural Resources Defense Council  
Committee Name: Expert Commission on Addressing the Livestock Contribution to the Antibiotic Resistance Crisis  
Role: Member  
Dates of service: November 2016-December 2017

Organization: Robert Wood Johnson Foundation  
Committee Name: Health and Climate Solutions National Advisory Committee  
Role: Member  
Dates of service: August 2018-present

Organization: George Washington University  
Committee Name: Summit on Reducing Toxics in the Food Supply Chain  
Role: Participant  
Dates of service: December 13-14, 2018

Organization: Environmental Defense Fund

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Committee Name: Baby Food Council  
Role: Advisor  
Dates of service: March 2019-present

**Regional**

Organization: Ohio Hospital Association  
Committee: Environmental Leadership Council  
Role: Member  
Dates of service: 2012-December 2015

Organization: Ohio Environmental Council  
Committee: Ohio Clinicians for Climate Action  
Role: Developed concept, founding member of clinician advisory council  
Dates of service: August 2016-present

Organization: Ohio Environmental Council  
Committee: Board of Directors  
Role: Member  
Dates of service: February 2017-present

Organization: State of Ohio  
Committee: Governor's Lead Advisory Committee  
Role: Member  
Dates of service: October 2019-present

**Local**

Organization: City of Cleveland  
Committee: Sustainable Cleveland 2019 Stewardship Council  
Role: Member  
Dates of service: March 2011-December 2015

Organization: Greater University Circle Initiative  
Committee: Economic Inclusion Management Committee  
Role: Co-Chair  
Dates of service: January 2014-December 2016  
Role: Member  
Dates of service: January 2012-present

Organization: Cleveland City Council advisory committee  
Committee: Citizens Industrial Air Pollution Advisory Committee  
Role: Member  
Dates of service: March 2014-March 2017

Organization: St. Clair Superior Development Corporation

Aparna Bole, MD, FAAP

Committee: Market at Hub 55 Advisory Committee  
Role: Member  
Dates of service: October 2015-July 2016

Organization: Cuyahoga County Board of Health  
Committee: Healthy Homes Advisory Council  
Role: Member  
Dates of service: March 2016-present

Organization: MaryAnn Swetland Center for Environmental Health  
Committee: Advisory Council  
Role: Member  
Dates of service: July 2016-present

Organization: Cuyahoga County Office of Early Childhood  
Committee: Word Gap Task Force  
Role: Member  
Dates of service: November 2017-October 2019

Organization: MidTown Cleveland  
Committee: Board of Directors  
Role: Member  
Dates of service: December 2017-present

Organization: Lead Safe Cleveland Coalition  
Committee: Policy Committee  
Role: Member  
Dates of service: April 2019-present

Organization: Lead Safe Cleveland Coalition  
Committee: Steering Committee  
Role: Member  
Dates of service: October 2019-present

## **TEACHING ACTIVITIES**

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### **Curriculum/course development**

1. Pediatric resident wellness program – 2009-2010, 50h
2. Pediatric case management conferences, CME series – 2009-2010, 100h
3. *Literature & Medicine* Program at UH Rainbow Babies & Children's Hospital, in collaboration with Ohio Humanities Council – 2009-2011, 4h/week
4. Teaching skills retreat for rising senior residents – 2010, 20h



5. *What's good for the planet is good for our patients: sustainability as a pediatric public health issue* and case study on food insecurity for Rainbow pediatric residency advocacy rotation – 2013, 20h
6. *Food 201: Clinical Advocacy to Support Sustainable Food Systems*, Ecology Center Health Leaders Fellowship program – 2014, 15h
7. Healthcare Sustainability Training for UH Managers, pilot at UH Geauga Medical Center, 2013, 40h; revised program at UH Ahuja Medical Center, 2015, 40h
8. American Academy of Pediatrics Climate Change & Child Health Symposium planning committee – 2016, 20h

## **Presentations**

### International

1. *Balancing Sustainability & Profitability: New Opportunities for a New Era*, Indian Institute of Management Bangalore Sustainability Symposium, (invited speaker), 2013, Bangalore INDIA (by web conference)
2. *Food purchasing advocacy & supply chain transformation*, World Medical Association Junior Doctors' Network Antimicrobial Resistance Workshop (invited panelist), October 2017, Chicago IL
3. *Prescription for a Healthy Planet* (invited break-out session speaker), Global Climate Action Summit, September 2018, San Francisco CA

### National

1. *The Rainbow Residency Wellness Initiative*, poster presentation, Association of Pediatric Program Directors Annual Meeting, 2010, Chicago IL
2. *Environmentally Literate Healthcare Providers*, Magee Women's Hospital Environmental Health Symposium (invited speaker), 2013, Pittsburgh PA
3. *Greening UH for a healthy community: embedding sustainability into University Hospitals' healthcare mission*, Healthier Hospitals Initiative, 2013, Webinar
4. *The Clinician's Role in Healthier Environments*, Healthier Hospitals Initiative, 2013, Webinar
5. *How To Create a Green Revolving Fund or Energy Fund for Your Facility's Ongoing Capital Investment Needs*, Practice Greenhealth, 2013, Webinar
6. *A Full Circle Approach to Food: Procurement, Waste Management, and Education*, Clean Med Conference, 2013, Boston MA
7. *Food Matters*, Clean Med Conference, 2013, Boston MA
8. *Creating Sustainable Pediatric Environments*, American Academy of Pediatrics National Conference & Exhibition Council on Environmental Health meeting, 2014, San Diego CA
9. *Food 201: Clinical Advocacy to Support Sustainable Food Systems*, Ecology Center Health Leaders Fellowship program (invited faculty), 2014, Webinar
10. *Physician Engagement & the Role of the Physician*, Clean Med Conference, 2014, Cleveland OH
11. *Implementing & Documenting the HHI Safer Chemicals Challenges*, Clean Med Conference (invited speaker), 2014, Cleveland OH
12. *Building a Healthier Food System: A Menu of Options for Food Service*

- Operations*, Clean Med Conference, 2014, Cleveland OH
13. *What's Good for the Planet is Good for our Patients, our Communities, and our Bottom Line*, American Academy of Pediatrics Section on Administration and Practice Management (invited speaker), April 2015
  14. *Physician Leadership for a Sustainable Future*, Clean Med Conference, May 2015, Portland OR
  15. *Less Meat, Better Meat*, Clean Med Conference, May 2015, Portland OR
  16. *Building Climate Resilience in the Healthcare Sector*, White House Summit on Climate Change and Health (invited panelist), June 2015, Washington DC
  17. *Clinician Advocacy on Policies and Procurement Resolutions*, Healthy Food in Healthcare antibiotic stewardship webinar series (invited speaker), July 2015
  18. Pew Charitable Trusts Congressional Briefing on Antimicrobial Stewardship, panelist (invited), November 2015, Washington DC
  19. *Extending antimicrobial stewardship to hospital food purchasing*, Pediatric Infectious Disease Society/ Sharing Antimicrobial Reports for Pediatric Stewardship (SHARPS) Collaborative webinar (invited speaker), March 2016
  20. *Antimicrobial overuse in animal agriculture* – panelist, National Conference for Healthcare Journalists (invited speaker), April 2016, Cleveland OH
  21. *Clinician advocacy for healthcare sustainability* – panelist, CleanMed Conference, May 2016, Dallas TX
  22. *Health benefits of multi-modal transportation* – panelist, CleanMed Conference, May 2016, Dallas TX
  23. “*MedTalks*” mini-Ted-style talk (invited speaker), CleanMed Conference, May 2016, Dallas TX
  24. American Academy of Pediatrics Climate Change and Child Health Symposium – facilitator, October 2016, Elk Grove IL
  25. *Climate change as a social determinant of health* (invited speaker), Root Cause Summit, November 2016, Chicago IL
  26. *Climate Change and Child Health* – panelist, National Conference on Science and the Environment, January 2017, Washington DC
  27. *What's Good for the Planet is Good for our Patients*, Hackensack Meridian Medical Center Department of Pediatrics Grand Rounds (invited speaker), February 2017, Hackensack NJ
  28. Medical Consortium on Climate Change & Health national launch event, panelist on state-level advocacy (invited speaker), March 2017, Washington DC
  29. *What's Good for the Planet is Good for our Patients*, Inaugural Earth Day presentation (invited speaker), Seattle Children's Hospital, April 2017, Seattle WA
  30. *Screening for environmental and social determinants of health*, panelist (invited), CleanMed Conference, May 2017, Minneapolis MN
  31. *Climate change and health*, moderator (invited), CleanMed Conference, May 2017, Minneapolis MN
  32. *Community Partnership & Neighborhood Revitalization: A New Urban Academic Outpatient Health Center*, Children's Hospital Association Annual Leadership Conference, November 2017, New Orleans LA
  33. *Ohio Clinicians for Climate Action* (invited panelist on state level clinician

- climate & health advocacy), The Medical Society Consortium on Climate and Health Annual Meeting, April 2018, Washington DC
34. *Engaging Senior Leadership: Struggles & Suggestions* (invited panelist), CleanMed Conference, May 2018, San Diego CA
  35. *Sustainable Design & Construction in Healthcare: UH Rainbow Center for Women & Children* (invited panelist), CleanMed Conference, May 2018, San Diego CA
  36. *Food Purchasing Advocacy & Supply Chain Transformation* (invited panelist), CleanMed Conference, May 2018, San Diego CA
  37. *Protecting the Vulnerable from Climate Change: A Multi-Specialty Perspective* (invited panelist), CleanMed Conference, May 2019, Nashville TN

Regional (all invited)

1. *What's Good for the Planet is Good for our Patients*, Beaumont Hospital Pediatric Grand Rounds, 2013, Royal Oak MI
2. *Clinical Leadership in Healthcare Sustainability: Focus on Safer Chemicals*, Michigan Hospital Association Green Healthcare Conference, 2013, Detroit MI
3. *Healthier Hospitals Initiative*, Ohio Hospital Association Annual Meeting, May 2013, Columbus OH
4. *Healthier Hospitals Initiative's Healthier Food Challenge*, Ohio Hospital Association's Foundation for Healthy Communities, 2013, Webinar
5. *Food Insecurity & Infant Mortality*, Ohio Department of Health infant mortality course, March 2016, Columbus OH
6. Health benefits of energy efficiency & renewable energy standards, Ohio Environmental Council panel at Great Lakes Science Center, 2016, Cleveland OH
7. Ohio Clinicians for Climate Action inaugural advocacy day hosted by Ohio Environmental Council (panelist), September 2017, Columbus, OH
8. *Food Additives & Child Health*, Ohio AAP "Hot Topic Webinar," February 2019
9. Roundtable on childhood lead poisoning with Ohio Governor Mike DeWine and members of administration, March 2019, Cleveland OH

Local (all invited)

1. *Our Dirty Little Secret: Breaking the Silence on Sustainability in Healthcare*, Rainbow Pediatric Grand Rounds, 2009, Cleveland OH
2. *Healthcare Sustainability*, Northern Ohio Society of Healthcare Engineering conference, 2011, Cleveland OH
3. *Sustainable Procurement*, Cleveland Green Venues Partnership, 2011, Cleveland OH
4. *The Business of Wellness*, Cleveland State University Corporate Roundtable, 2011, Cleveland OH
5. Featured speaker & workshop presenter, Environment of Care Summit, 2012, Cleveland OH
6. Hathaway Brown school student presentation on avoiding chemicals of concern in cleaning, grounds maintenance, and interior materials in school environments, 2012, Cleveland, OH
7. *Expanding Profitability and ROI Opportunities Through Values-Based Decision-*

- Making*, Cleveland State University Corporate Roundtable, 2012, Cleveland OH
8. *Health Effects of Chemical Pesticides*, Beyond Pesticides conference, Cleveland Botanical Garden, 2012, Cleveland OH
  9. Panelist, John Carroll University Sustainability Forum, 2013, Cleveland OH
  10. *Climate Change Resilience*, City of Cleveland Sustainable Cleveland 2019 Summit, September 2014, Cleveland OH
  11. *Climate Change Impacts Our Communities' Health*, CWRU climate change symposium, February 2015, Cleveland OH
  12. *What's Good for the Planet is Good for our Patients*, Rainbow Pediatric Grand Rounds, April 2015
  13. *Shared Values & Stewardship: Environmental Sustainability Promotes Optimal Health*, Dan and Linda Rocker Silverberg Heal the Healer Health Symposium, October 2015, Cleveland OH
  14. *Addressing Social Determinants of Health*, panelist – Rainbow HealthLeads launch event, February 2016
  15. *What's Good for the Planet is Good for Our Patients*, Cleveland Clinic Department of Surgery Grand Rounds, Ken Lee Memorial Lecture; May 2016
  16. Cleveland State University graduate student leadership panel – September 2016
  17. *Place matters: vibrant cities support healthy people*, American College of Healthcare Executives local chapter meeting, November 2016, Cleveland OH
  18. Councilman Zach Reed violence prevention forum – panelist, October 2016, Cleveland OH
  19. University Hospitals Greater University Circle Employee Resource Group health forum – panelist on lead poisoning and updates on UH Rainbow Center for Women & Children; December 2016
  20. *Resilient Cleveland: Healthcare's Role in Anchoring Climate Resilience* symposium hosted by City of Cleveland, Cleveland Clinic, and Healthcare Without Harm (panelist), November 2017, Cleveland OH
  21. *What's Good for the Planet is Good for our Patients: Hot Topics in Women's Environmental Health*, UH MacDonald Women's Hospital Department of Obstetrics & Gynecology Grand Rounds, April 2018

### **Trainees/Mentees**

1. Megan Oberle MD, mentored in starting Healthy Harvest program, 2013 – 2h/wk, currently a pediatric endocrinologist in Minneapolis, MN
2. Gloria Chu MD, mentored in food waste senior resident research project, 2014 – 1h/wk, currently in primary care pediatric practice in Atlanta, GA
3. Amy Coutourier, MD – resident advisor, 2015-2017
4. Nikita Habermehl, MD, mentored in environmental health advocacy, 2017-present – 2h/month, currently a pediatric emergency medicine fellow at UH Rainbow Babies & Children's Hospital
5. Emily Zangla, MD – resident advisor, 2018-present

### **Teaching Material Produced**

1. Pediatric asthma case for University of Michigan Medical School 2<sup>nd</sup>-year case-based curriculum, 2005
2. Pediatric management CME conferences, 2009-2010
3. Pediatric resident wellness program, 2009-2010
4. Case study on food insecurity for Rainbow Pediatric Residency Advocacy education program, 2013
5. Healthy Harvest Program nutrition education, 2013-15
6. Pediatric Infectious Disease Society toolkit on antimicrobial stewardship, co-author of section on food stewardship & purchasing, 2016
7. American College of Physicians climate change policy statement toolkit – editor, 2016
8. Medical Societies Consortium on Climate Change and Health – resource editor, 2016-2017

### **Teaching Activities**

1. Rainbow Pediatric Residency Advocacy Rotation: didactic session on sustainability as a pediatric health issue, case study on food insecurity; 4h/month November-April, and 8h to prepare; 2013-present
2. Healthy Harvest Program: annual program including weekly subsidized local produce, recipes, tasting samples, nutrition education for Pediatric Practice, Women’s Clinic, Family Medicine, & Adolescent/Young Adult Cancer Survivor clinic patients; 2h/wk; June-October 2013-present
3. Regularly host CWRU medical students in clinic during their M3 pediatrics rotation; 4h/week; 2015-present
4. *Climate Change: A Local Perspective on a Global Health Issue*, MacDonald Women’s Hospital WONDOOR conference; 4h, September 2015, Cleveland OH
5. Hosting CWRU medical student in clinic for pilot M3 curriculum; 4h/wk; 2015
6. *Southern Poverty Law Center Poverty Simulation*, facilitator, Ohio Department of Health course on infant mortality in Columbus, OH; 4h, March 2016
7. *What’s Good for the Planet is Good for our Patients*, University Hospitals osteopathic residency program conference lecture; 4h, September 2016
8. *What’s Good for the Planet is Good for our Patients: Climate Change and Health*, CWRU medical student global health interest group lecture; 4h, November 2016
9. Faculty advisor for CWRU medical student group on health literacy; 2h/month; 2016-June 2019
10. *What’s Good for the Planet is Good for our Patients: Climate Change and Health*, CWRU Frances Payne Bolton School of Nursing global health course lecture; 4h, August 2016 & August 2017
11. *What’s Good for the Planet is Good for our Patients: Health Disparities* course, Case Western Reserve University School of Medicine, November 2018
12. *Hot Topics in Women’s Environmental Health: Health Disparities* course, Case Western Reserve University School of Medicine, November 2019

## **BIBLIOGRAPHY**

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### **Peer-Reviewed Articles**

1. Bole A & Tang TS. *Narrative Medicine: The Case for a Curriculum in Medical Student Education*. *Annals of Behavioral Science and Medical Education*. 13(1). Spring 2007

### **Book Chapters**

1. Meyer G, Bole A, Feldman EL. Insulin-like growth factors and nervous system disorders. In: Houston MS, Holly JMP, Feldman EL, eds. *IGF and Nutrition in Health and Disease*. Humana Press, 2004: pp 211-225
2. *Pediatric Environmental Health, 4<sup>th</sup> Edition*, American Academy of Pediatrics Council on Environmental Health, Etzel R (ed), Balk S (assoc ed), November 2018  
Greening Medical Practices  
Personal Care Products

### **Governmental Reports**

1. 4<sup>th</sup> National Climate Assessment, contributing author to *Human Health* chapter, November 2018

### **Non Peer-Reviewed Publications**

1. WCPN *Sound of Ideas*, Crain's 40 Under 40 on regional sustainability, 2012
2. *Protect our Communities' Health Through Energy Efficiency Policy*, Cleveland Plain Dealer LTE, May 2014
3. *Information About Childhood Vaccines for the Environmentally Conscious Parent*, Cleveland Plain Dealer, September 4 2014
4. *Children Suffer Most From Health Effects of Climate Change*, Cleveland Plain Dealer, August 23 2015
5. WCPN *Sound of Ideas*, EPA Ozone Rules, September 2015
6. Healthier Hospitals Initiative case study on Healthy Interiors, June 2015
7. Margolis J. *In Cleveland, Climate Change isn't about Rising Seas. It's about Jobs and Health*. June 29, 2017. The World, Public Radio International.
8. Expert Commission on Addressing the Contribution of Livestock to the Antibiotic Resistance Crisis. *Combating Antibiotic Resistance: A Policy Roadmap to Reduce Antibiotic Use in Livestock*. 2017. Washington, D.C. (Commission member & roadmap co-author)
9. Bole A, Cohen G. *Do no harm: keep the Clean Power Plan*. The Hill, January 22 2018.
10. Bole A. *A Deeper Dive: The Pediatrician's Role in Screening for Lead Exposure*. Ohio Pediatrics, Summer 2019.

### **Video**

Aparna Bole, MD, FAAP

1. UH Sustainability Video Vignettes, 2014-2015, <http://www.uhhospitals.org/about/greening-uh>
2. *First Do No Harm* vignette produced by Healthcare Without Harm, script editor & narrator, 2016, <https://donoharmstory.org>
3. *Climate Change: It's About Health* video produced by Kaiser Permanente, 2018, <https://www.youtube.com/watch?v=yeih2v4P25A>
4. *What Counts* (by Nicole Newnham & Jenni Heywood), HealthLeads documentary on addressing social determinants of health, participant, 2018 <https://healthleadsusa.org/what-counts/>