

## **Amy E. Caruso Brown, MD, MSc, MSCS**

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New Hartford, New York 13413

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### **EDUCATION**

**University of Colorado**, Aurora, Colorado

Master of Science in Clinical Science

May 2014

**Emory University**, Atlanta, Georgia

Doctor of Medicine

May 2008

**University of Oxford**, Oxford, England

Master of Science in Medical Anthropology

Jan 2008

**University of Virginia**, Charlottesville, Virginia

Bachelor of Arts

May 2002

### **POSTGRADUATE MEDICAL TRAINING**

**University of Colorado, Anschutz Medical Campus**, Aurora, Colorado

Fellow, Pediatric Hematology, Oncology and Bone Marrow Transplant

2011–2014

**University of Colorado, Anschutz Medical Campus**, Aurora, Colorado

Resident, General Pediatrics

2009–2011

**Children's Hospital of Philadelphia**, Philadelphia, Pennsylvania

Intern, General Pediatrics

2008–2009

### **POSTDOCTORAL TRAINING AND CERTIFICATES**

**Harvard Macy Institute**, Boston, Massachusetts

Program for Educators in Health Professions

Jan-May 2019

**Center for Bioethics, Children's Mercy Hospital**, Kansas City, Missouri

Certificate in Pediatric Bioethics

2016–2017

**University of Colorado, Anschutz Medical Campus**, Aurora, Colorado

Certificate, Institute for Healthcare Safety, Quality, and Efficiency

2013

## ACADEMIC APPOINTMENTS

<b>SUNY Upstate Medical University</b> , Syracuse, New York	
Assistant Professor of Bioethics and Humanities	2014–present
Assistant Professor of Pediatrics	2014–present
<b>University of Pennsylvania School of Medicine</b> , Philadelphia, Pennsylvania	
Instructor of Pediatrics	2008–2009

## CLINICAL APPOINTMENTS

<b>Golisano Children’s Hospital at Upstate</b> , Syracuse, New York	
Attending Physician, Pediatric Hematology/Oncology	2014–present
<b>Crouse Hospital</b> , Syracuse, New York	
Attending Physician, Pediatric Hematology/Oncology	2014–present

## CERTIFICATIONS AND LICENSURE

American Board of Pediatrics, Certified (#106239)	2013
Sub-Board of Pediatric Hematology/Oncology, Certified (#2812)	2015
New York Medical License (#276988–Active)	2014
Colorado Medical License (Inactive)	2011

## PUBLICATIONS

### Peer-Reviewed Publications

1. **Caruso Brown AE**. Reconceiving decisions at the end of life in pediatrics: Decision making as a form of ritual. *Perspectives in Biology and Medicine* In press; accepted November 21, 2018.
2. **Caruso Brown AE**, Frega KC. Who deserves access to care in children’s hospitals? *Hastings Center Report* In press; accepted September 12, 2018.
3. Sharma A, Johnson L, **Caruso Brown A**, Unguru Y, Lantos JM. Ethics rounds: An extravagant gift from a grateful patient. *Pediatrics* 2018; epub ahead of print:e20172837. PMID: 29728430 DOI: 10.1542/peds.2017-2837
4. \*Kania T, Schafer ML, **Caruso Brown AE**, Olick RS, Lantos JM. Ethics rounds: Should a teen be allowed to leave the hospital AMA to attend his father’s funeral? *Pediatrics* 2018;141(5):e20170902. PMID: 29626163 DOI: 10.1542/peds.2017-0902 (\*mentored medical student)

5. **Caruso Brown AE**, Slutzky AR. Refusal of treatment of childhood cancer: A systematic review. *Pediatrics* 2017;140(6):e20171951. PMID: 29146622 DOI: 10.1542/peds.2017-1951
6. **Caruso Brown AE**. Choosing to care for children who might die: Conversations with pediatric residents. *Perspectives in Biology and Medicine* 2017;60(2):247-257. PMID: 29176086 DOI: 10.1353/pbm.2017.0031
7. **Caruso Brown AE**. At the intersection of faith, culture, and family dynamics: A complex case of refusal of treatment for childhood cancer. *Journal of Clinical Ethics* 2017;28(3):215-222. PMID: 28930710
8. **Caruso Brown AE**, Suryadevara M, Welch TR, Botash AS. "Being persistent without being pushy": Student reflections on vaccine hesitancy. *Narrative Inquiry in Bioethics* 2017;7(1):59-70. PMID: 28713146 DOI: 10.1353/nib.2017.0018
9. Cattivelli K, Campagna DR, Schmitz-Abe K, Heeney MM, Yaish HM, **Caruso Brown AE**, Kearney S, Walkovich K, Markianos K, Fleming MD, Neufeld EJ. Ringed sideroblasts in beta-thalassemia. *Pediatric Blood and Cancer* 2017;64(5):e26324. PMID: 27808451 PMCID: PMC5697724 DOI: 10.1002/pbc.26324
10. **Caruso Brown AE**, Asturias EJ, Melgar M, Antillón FA, Mettler PL, Levin MJ. Incidence and consequences of varicella in children treated for cancer in Guatemala. *World Journal of Pediatrics* 2016;12(3):320-326. PMID: 27351567 DOI: 10.1007/s12519-016-0025-y
11. **Caruso Brown AE**, Cohen M, Tong S, Braverman R, Rooney J, Giller R, Levin MJ. Pharmacokinetics and safety of cidofovir for life-threatening viral infections in pediatric hematopoietic stem cell transplant recipients. *Antimicrobial Agents and Chemotherapy* 2015;59(7):3718-25. PMID: 25733509 PMCID: PMC4468698 DOI: 10.1128/AAC.04348-14
12. **Caruso Brown AE**. Family-centered care and evidence-based medicine in conflict: Lessons for pediatricians. *Hospital Pediatrics* 2015;5(1):52-54. PMID: 25554760 DOI: 10.1542/hpeds.2014-0082
13. **Caruso Brown AE**, Howard SC, Baker J, Ribeiro RC, Lam CG. Reported availability and gaps of pediatric palliative care in low-income and middle-income countries: A systematic review. *Journal of Palliative Medicine* 2014;17(12):1369-83. PMID: 25225748 PMCID: PMC4268583 DOI: 10.1089/jpm.2014.0095
14. \*Kidwell KS, Kopp WE, Albano EA, **Caruso Brown AE**. "Ghosts in my body": Seizure-like presentation of hypocalcemic tetany secondary to hypomagnesemia in a patient receiving cetuximab therapy for metastatic medulloblastoma. *Journal of Pediatric Hematology/Oncology* 2014;36(4):305-07. PMID: 23426003 DOI: 10.1097/MPH.0b013e318282d99c (\*mentored resident)
15. Schmotzer CL, **Brown AE**, Roth S, Castillejo M, Johnson J, Hillyer CD, Josephson CD. Procedure-specific preoperative red blood cell preparation and utilization management in pediatric surgical patients. *Transfusion* 2010;50:861-867. PMID: 20003058 DOI: 10.1111/j.1537-2995.2009.02524.x

#### Invited Publications

1. **Caruso Brown AE**. Reconsidering refusal: Are some cases refractory even to the best tools? *American Journal of Bioethics* 2018;18(8):61-63. DOI: 10.1080/15265161.2018.1485771

2. **Caruso Brown AE**, Garden R. From silence into language: Questioning the power of physician illness narratives. *AMA Journal of Ethics* 2017;19(5):501-07. PMID: 28553908 DOI: 10.1001/journalofethics.2017.19.5.imhl1-1705
3. **Caruso Brown AE**. Should clinicians intervene if they suspect that a caregiver whose child has cancer is at risk of psychological harm? *AMA Journal of Ethics* 2017;19(5):493-500. PMID: 28553907 DOI: 10.1001/journalofethics.2017.19.5.msoc3-1705

Publications in Non-Peer-Reviewed Sections of Peer-Reviewed Journals, Including Narrative Essays and Commentaries

1. **Caruso Brown AE**. Embracing discomfort on the path to humility. *Academic Medicine* In press; accepted September 26, 2018.
2. **Caruso Brown AE**. Porous boundaries. *Journal of the American Medical Association* 2017;317(24):2487-88. PMID: 28655020 DOI: 10.1001/jama.2017.1589
3. Welch TR, **Caruso Brown AE**, Botash AS. Using student reflective narratives to teach professionalism and systems-based practice. *Journal of Pediatrics* 2017;187:5-6.e1. PMID: 28526218 DOI: 10.1016/j.jpeds.2017.04.049
4. **Caruso Brown AE**. Making a safe space possible. *Academic Pediatrics* 2017;17(4):343-44. PMID: 28323245 DOI: 10.1016/j.acap.2017.03.009
5. **Caruso Brown AE**. Finding faith in skepticism and symbolism in science. *Narrative Inquiry in Bioethics* 2016;6(3):159-161.

Contributions to Books, Including Chapters

1. **Caruso Brown AE**, Hobart TR, Morrow CB, eds. *Bioethics, Public Health, and the Social Sciences for the Medical Professions: An Integrated, Case-Based Approach*. Springer, forthcoming.
2. **Caruso Brown AE**. Chapter 1: Introduction. In: Caruso Brown, AE, Hobart TR, Morrow CB, eds. *Bioethics, Public Health, and the Social Sciences for the Medical Professions: An Integrated, Case-Based Approach*. Springer, forthcoming.
3. **Caruso Brown AE**. Chapter 2: Approaches to using this book. In: Caruso Brown, AE, Hobart TR, Morrow CB, eds. *Bioethics, Public Health, and the Social Sciences for the Medical Professions: An Integrated, Case-Based Approach*. Springer, forthcoming.
4. **Caruso Brown AE**, Morrow CB. Chapter 23: "They say my baby's head is too small". In: Caruso Brown, AE, Hobart TR, Morrow CB, eds. *Bioethics, Public Health, and the Social Sciences for the Medical Professions: An Integrated, Case-Based Approach*. Springer, forthcoming.
5. **Caruso Brown AE**, Brown CA. Context of the middle years: Parallel developments in pediatrics and health care. In: Turner JC, Brown CA, eds. *The Pips of Child Life II: The Middle Years of Play in Hospitals*. 2016; Dubuque, IA: Kendall Hunt Publishing.

Non-Peer-Reviewed Publications, Including Blogs and Poetry

1. **Caruso Brown AE.** Tensions and challenges in a justice-oriented bioethics curriculum for medical students. 2017; 12 September. *Ethox Centre Blog*. Archived at: <https://ethoxblog.wordpress.com/2017/09/12/tensions-and-challenges-in-a-justice-oriented-bioethics-curriculum-for-medical-students/>
2. **Caruso Brown AE.** Lifting the clinical gaze. *The Intima – Crossroads Blog*. 2015; 4 July. Archived at: <http://www.theintima.org/blog/lifting-the-clinical-gaze-by-amy-caruso-brown>.
3. **Caruso Brown AE.** Don't believe everything you read. *Peds to Parents Blog: Notes from Upstate Professionals to Parents and Caregivers*. 2015; June 16. Archived at: <http://blogs.upstate.edu/pedstoparents/2015/06/16/dont-believe-everything-you-read/>
4. **Caruso Brown AE.** Q&A: Do results from research on children's cancers ever shed light on cancers that adults experience? *Upstate Health*. 2015; Winter.
5. **Caruso Brown AE.** E.B. *The Intima: A Journal of Narrative Medicine*. 2015; Spring.

## PRESENTATIONS

### Oral Presentations – National/International

1. **Caruso Brown AE.** "The future of medical education: Teaching medical students to address health inequities in a polarized world." American Society for Bioethics and Humanities Annual Meeting, Anaheim, California, 20 October 2018.
2. **Caruso Brown AE.** "What lies ahead for the family-pediatrician relationship in the age of social media: Trust, power, and a changing culture." American Society for Bioethics and Humanities Annual Meeting, Anaheim, California, 18 October 2018.
3. **Caruso Brown AE, Brown CA.** "Innovations in child life education: Implementing problem-based learning methods for child life specialists." Child Life Council's 34th Annual Conference on Professional Issues, Orlando, Florida, 21 May 2016. (3-hour intensive workshop, with enduring materials.)
4. **Caruso Brown AE, Brown CA.** "Inspiring ethical practice in child life: Core principles and approaches to 21st century dilemmas." Child Life Council's 34th Annual Conference on Professional Issues, Orlando, Florida, 20 May 2016.
5. **Caruso Brown AE.** "Grounding the family-provider relationship in the digital community: A case study." ePatients: The Medical, Ethical and Legal Repercussions of Blogging and Micro-Blogging Experiences of Illness and Disease, Queen's University, Belfast, Northern Ireland, 11 September 2015.
6. **Caruso Brown AE.** "Understanding end of life choices for children with cancer in the context of family healing: Applying medical anthropology to medical practice." National Conference for Physician-Scholars in the Humanities and Social Sciences, 5th Biennial Conference, San Francisco, California, 13 April 2013.
7. **Caruso Brown AE, Howard SC, Baker J, Ribeiro RC, Lam CG.** "Global map of pediatric palliative care in low- and middle-income countries: Systematic review of the availability of core elements." 44th Congress of the International Society of Pediatric Oncology (SIOP), London, England, 8 October 2012.

### Oral Presentations – Local/Regional

1. **Caruso Brown AE**, Sheppard VM, Christopher JL. "An examination of provider, organizational, and patient care factors that influence prenatal care seeking and utilization behavior among African-American women." Center for Pediatric Research, Eastern Virginia Medical School, Norfolk, Virginia, August 2001.

### Poster Presentations – National/International

1. \*Faulk KM, McKinney C, Nuss R, Rose L, Rose S, Gillespie A, Coughlin R, Hilden J, **Caruso Brown AE**. "Identifying barriers to timely care for febrile children with sickle cell disease and implementing an educational intervention targeting families with limited English literacy." 27th Annual Meeting of the American Society of Pediatric Hematology/Oncology, Chicago, Illinois, May 2014. (\*mentored medical student)
2. **Caruso Brown AE**, Howard SC, Baker J, Ribeiro RC, Lam CG. "Evaluating home-based pediatric palliative care globally: A systematic review." 45th Congress of the International Society of Pediatric Oncology (SIOP), Hong Kong, China, September 2013.

### Abstracts

1. Lanzel AF, Brock KE, Rosenberg AR, Baker JN, **Brown AE**, Mertens A, Pentz R, Wasilewski-Masker K. Decision making in the face of incurable high grade gliomas: a qualitative analysis. *Neuro-Oncology*. 2018 Jun 22;20(suppl\_2):i90-.
2. \*Ezeoke O, **Caruso Brown AE**. Is there a secondary vaccine hesitancy? Parental attitudes toward revaccination of childhood cancer survivors. Abstract Forum, American Society of Clinical Oncology, June 2018. (\*mentored medical student)
3. Cashell J, Dandekar S, Comito M, **Brown A**, Leslie D, Levin M, Schmid S. Retention of vaccine-mediated humoral immunity in the post-therapy pediatric oncology population. 31st Annual Meeting of the American Society of Pediatric Hematology/Oncology, Pittsburgh, Pennsylvania, May 2018.

### Invited Presentations – National/International

1. **Caruso Brown AE**. "Is being treated at a children's hospital a right or a privilege?" Pediatric Bioethics Webinar Series, Children's Mercy Hospital, Kansas City, Missouri, 10 May 2018.
2. **Caruso Brown AE**. "Refusal of treatment for childhood cancer: A reconsideration." Grand Rounds, Children's Mercy Hospital, Kansas City, Missouri, 10 May 2018. (CME 1.0)
3. **Caruso Brown AE**. "Moral distress in the quest for health equity in the U.S." Green Templeton College, University of Oxford, Oxford, England, 6 September 2017.
4. **Caruso Brown AE**. "Do moral foundations matter in bioethics education?" Ethox Centre, Nuffield Department of Population Health, University of Oxford, Oxford, England, 6 September 2017.

5. **Caruso Brown AE.** "Porous boundaries: Social media and pediatric oncology." Motol University Hospital, Prague, Czech Republic, 10 June 2016.
6. **Caruso Brown AE.** "Clinical ethics in pediatrics: Resolving conflicts in pediatric oncology." St. Anna Children's Hospital, Vienna, Austria, 9 June 2016.
7. **Caruso Brown AE.** "Clinical ethics in pediatrics: Resolving conflicts in pediatric oncology." Hospital Krámare, Bratislava, Slovakia, 8 June 2016.
8. **Caruso Brown AE.** "Porous boundaries: Social media and pediatric oncology." Hospital Krámare, Bratislava, Slovakia, 7 June 2016.
9. **Caruso Brown AE.** "Treatment choice for children with cancer: Integrating the concept of family healing." Center for Bioethics and Humanities, SUNY Upstate Medical University, Syracuse, New York, 12 June 2014.
10. **Caruso Brown AE.** "Lessons for clinical research and pediatric oncology practice from a resource-limited setting." Department of Pediatrics, Cleveland Clinic, Cleveland, Ohio, 8 April 2014.

#### Invited Presentations – Local/Regional

1. **Caruso Brown AE.** "Health disparities in the care of children with cancer: Does bias lead to delays in diagnosis?" Population Health Symposium, Syracuse University, Syracuse, New York, 2 November 2018.
2. **Caruso Brown AE.** "Bioethical considerations in the care of children with cancers and blood disorders." Thruway Pediatric Hematology/Oncology Consortium, Buffalo, New York, 19 October 2018.
3. **Caruso Brown AE.** "Ethical issues in early-phase clinical trials and access to experimental drugs." New York State Chapter of the Society of Clinical Research Associates, Skaneateles, New York, 15 July 2016.
4. **Caruso Brown AE.** "Perceptions of prenatal care among African-American women in the urban South." Green College, University of Oxford, Oxford, England, 6 February 2007.

#### **FUNDING SOUGHT**

<i>Funding Source</i>	<i>Date Applied</i>	<i>Status</i>
Greenwall Foundation Faculty Scholars Program	January 2019	Under review
Stemmler Fund	July 2018	Denied
International Association of Medical Science Educators Educational Scholarship Grant	December 2017	Denied
Greenwall Foundation Faculty Scholars Program	November 2017	Denied
Russell Sage Foundation	August 2017	Denied
Macy Foundation President's Grant	June 2016	Denied
SUNY Innovative Instruction Technology Grants	February 2016	Denied
Nappi Family Research Awards	November 2015	Denied

National Institutes of Health Loan Repayment Program	November 2015	Denied
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## TEACHING ACTIVITIES

### Undergraduate Medical Education: Courses

#### **SUNY Upstate Medical University**, Syracuse, New York

Co-Director	Patients to Populations (P2P): Ethics, Law and Population Health	2018–present
Co-Director	Foundations of Reasoning in Medicine I (FRM I): Ethical, Legal and Social Issues (replaced by P2P)	2016–2018
Instructor	Physicians and Social Responsibility I	2014–present
Instructor	Physicians and Social Responsibility II	2014–present
Preceptor	Clinical Bioethics Clerkship	2014–2016, 2017–present
Director	Excellence in Care (replaced by FRM I)	2016–2017
Preceptor/ Lecturer	Ethical, Legal and Social Issues in Medicine (course replaced by EIC)	2014–2015

#### **University of Colorado School of Medicine**, Aurora, Colorado

Preceptor	Blood and Lymph (MS2 basic sciences unit)	2013–2014
Preceptor	Interns as Teachers (MS4 required course)	2013
Preceptor	Anatomy: Cadaver as First Teacher (MS1 required course)	2013

### Undergraduate Medical Education: Other Activities

#### **SUNY Upstate Medical University**, Syracuse, New York

Global Health Club Panel Discussion	May 2017
March into Residency: Medicaid Panel Discussion	March 2017
Oncology Interest Group: <i>The Emperor of All Maladies</i> Q&A	February 2017
Oncology Interest Group: Pediatric Oncology 101	October 2015

### Graduate Medical Education

#### **Golisano Children’s Hospital at Upstate**, Syracuse, New York

PRACTICE Diversity Workshop for Pediatric Residents	September 2018
Resident Wellness Series: “Narrative Pediatrics”	June 2017

Pediatric Resident Core Lecture Series: "Ethics for Pediatric Residents"	April, May 2017
Pediatric Resident Core Lecture Series: "Ethics for Pediatric Residents"	May 2016
Pediatric Resident Core Lecture Series: "Review of Anemia"	May 2015

<b>Upstate University Hospital</b> , Syracuse, New York	
Ethics Workshop for Internal Medicine Residents	March 2016
Ethics Workshop for Internal Medicine Residents	January 2017

Contributions to Continuing Medical Education

<b>Center for Bioethics, Children's Mercy Hospital</b> , Kansas City, Missouri	
Subject Faculty                  Pediatric Bioethics Certificate Course	2017–present

<b>SUNY Upstate Medical University</b> , Syracuse, New York	
Ethical Issues in Pediatric Pulmonology: Cystic Fibrosis and Non-Adherence	Nov. 2018
Bioethics and Humanities Journal Club: "Article: 'Saving or Creating: Which Are We Doing When We Resuscitate Extremely Preterm Infants?'"	February 2018
Pediatric Grand Rounds: "Confronting Bias in Pediatrics" (CME 1.0)	December 2017
Pediatric Grand Rounds: "Evidence-Based Medicine and Family-Centered Care in Conflict" (CME 1.0)	October 2014

Contributions to Faculty Development

<b>SUNY Upstate Medical University</b> , Syracuse, New York	
Patients to Populations: Faculty Development Workshops	August 2018
Phase 1 Committee: "Using a Checklist to Identify Bias in Medical Education Content"	Nov. 2017
Foundations of Reasoning in Medicine: Faculty Development Workshops	July 2017
Bioethics and Humanities Journal Club: "Article: 'Cutting Close to the Bone: Student Trauma, Free Speech, and Institutional Responsibility in Medical Education'"	March 2017
Phase 1 Committee: "Addressing Implicit Bias in Preclinical Education"	March 2017
Practice of Medicine: Faculty Development Workshop: "Addressing Health Disparities in Small Group Teaching"	Dec. 2016
Foundations of Reasoning in Medicine: Faculty Development Workshops	August 2016
Faculty Educator Development Seminar: "Problem-Based Learning: Lessons Learned on the Role of the Tutor"	March 2016

### Other Teaching Activities

#### **SUNY Upstate Medical University, Syracuse, New York**

Facilitator	Health Justice at Upstate – Breaking Down Barriers: “Implicit Bias in Medical Care”	January 2018
Guest Lecturer	Responsible Conduct of Research: “Issues in Pediatric Clinical Trials”	Sept. 2017

#### **Utica College, Utica, New York**

Guest Lecturer	Death, Dying and Bereavement: “Pediatric Oncology”	Oct. 2018
		Nov. 2017
		Nov. 2016
		Nov. 2015
Guest Lecturer	Introduction to the Child Life Internship: “Working with Medical Students and Residents”	April 2009 March 2008
Guest Lecturer	Introduction to the Child Life Specialty: “Common Pediatric Conditions”	March 2006

### **ACTIVE PARTICIPATION IN PROFESSIONAL AND LEARNED SOCIETIES**

National Collaborative for Education to Address the Social Determinants of Health, Community of Practice member	2018 ==present
American Society for Bioethics and Humanities (ASBH), member	2017–present
ASBH Pediatric Ethics Affinity Group, member	2016–present
American Academy of Pediatrics (AAP) Section on International Child Health, member	2014–present
International Society of Pediatric Oncology (SIOP), member	2012–present
Children’s Oncology Group (COG), member	2011–present
SIOP Pediatric Oncology in Developing Countries Committee Working Group on Palliative Care, co-chair	2013–2014

### **UNIVERSITY SERVICE**

Ethics and Professionalism Longitudinal Thread Leader, College of Medicine, SUNY Upstate	2018–present
Diversity and Inclusion Core Task Force, Department of Pediatrics, SUNY Upstate	2018–present

Chair, Working Group on Graduation Competency and Education Program Objectives in Ethics and Professionalism, College of Medicine, SUNY Upstate	2018–present
Curriculum Committee, College of Medicine, SUNY Upstate	2017–present
Institutional Review Board, SUNY Upstate	2015–present
Phase 1 Committee, College of Medicine, SUNY Upstate	2015–present
Ethics Consultation Service, SUNY Upstate	2014–present
Working Group on LCME Standards 6 and 7, College of Medicine, SUNY Upstate	2017–2018
Academic Review Board (MS1), College of Medicine, SUNY Upstate	2015–2017
President’s Commission on the Status of Women, Emory University	2004–2005

## **EDITORIAL SERVICE**

Peer reviewer for: *BMC Medical Education*, *British Medical Journal*, *Journal of Palliative Medicine*, *Journal of Pediatrics*, *New England Journal of Medicine*, *Pediatric Blood and Cancer*, *Pediatrics*, *Vaccine*

## **COMMUNITY SERVICE**

Virginia Alumni Mentoring Service, University of Virginia	2015–present
Advisory Board, Sexual Assault Resource Agency, Charlottesville, Va.	1999–2003
Peer Health Educators, University of Virginia	2000–2003
Young Women Leaders, University of Virginia	1999–2002

## **HONORS AND AWARDS**

Early Career Women Faculty Leadership Development Seminar, Association of American Medical Colleges	2018
Andrew Markus Visiting Scholar, Ethox Centre, University of Oxford	2017
Individual Career Development Award, United University Professions	2016
Methods in Clinical Cancer Research Workshop, American Society of Clinical Oncology/American Association for Cancer Research	2014
Outstanding Student in Clinical Science, University of Colorado	2013

Resident Scholarship, American Academy of Pediatrics	2009
James L. Gravlee, Jr. Medical Scholarship, Emory University	2003
Jefferson Literary and Debating Society, University of Virginia	2000
Echols Scholar, University of Virginia	1998