

CURRICULUM VITAE
YORAM UNGURU, MD, MS, MA

Yoram Unguru, MD, MS, MA

10/05/2018

Current Appointments:

Attending Physician and Faculty member Division of Pediatric Hematology / Oncology The Herman and Walter Samuelson Children's Hospital at Sinai	2008-
Berman Institute of Bioethics, Johns Hopkins University Core Faculty member Associate Faculty member	2013- 2008-2013
Assistant Professor Johns Hopkins University, School of Medicine Department of Pediatric Oncology	2012-
Chairman, Ethics Committee, Sinai Hospital of Baltimore	2016 -

Personal Data:

Address:	The Herman and Walter Samuelson Children's Hospital at Sinai Division of Pediatric Hematology/Oncology 2401 W. Belvedere Ave Baltimore, MD 21215-5271
Phone:	(410) 601-6704
Fax:	(410) 601-9750
E-mail:	yunguru@lifebridgehealth.org

Education:

Undergraduate:

1991-1995	B.A., Historical Studies <i>cum laude</i>	University of Maryland Baltimore County
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Graduate:

1995-1997	M.A., Historical Studies emphasizing History of Medicine & Medical Ethics <i>Summa cum laude</i>	University of Maryland Baltimore County
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1997-1998	M.S., Interdisciplinary Studies in Biological & Physical Sciences <i>Honors and Valedictorian</i>	Touro College B. Levine School Health Sciences
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1998-2002	Doctor of Medicine <i>Valedictorian</i>	Technion – Israel Institute of Technology The Bruce Rappaport Faculty of Medicine
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Postdoctoral:

2002-2005	Pediatric Resident	Department of Pediatrics The Children's Hospital at Sinai
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2005-2008	Pediatric Hematology/Oncology Fellow	Children's National Medical Center Center for Cancer and Blood Disorders Department of Pediatric Hematology/Oncology
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2006-2008	Greenwall Fellow in Bioethics	Greenwall Fellowship in Bioethics/Health Policy Johns Hopkins University Berman Institute of Bioethics
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Professional Experience:

1986-1989	Drill Instructor & Platoon Sergeant N.C.O. In Charge of Training Curriculum Development & Implementation	Israel Defense Forces
1990-1993	Rehabilitation Aide	Mt. Washington Pediatric Hospital
1991-1996	Physical Therapy Aide	Drs. Reichmister, Becker, Smulyan, P.A.
1991-1997	Teacher Hebrew & Religious Studies Physical Education Instructor	BHC Religious & Day Schools
1996-1997	Graduate Teaching Assistant Department of History	University of Maryland Baltimore County
2007-2008	Physician	Children's National Medical Center Department of Emergency Medicine

RESEARCH ACTIVITIES

Publications:

Unguru Y. Pediatric Assent: Should Children Decide and Does it Really Matter? *Pediatric Ethnoscopes* 2007;18:1-4. Also in *Pediatric Bioethics Newsletter* Fall/Winter 207;14-16.

Unguru Y., Coppes MJ, Kamani N. Rethinking Pediatric Assent: From Requirement to Ideal. *Pediatric Clinics of North America* 2008;55(1):215-226.

Unguru Y. Children's Views on their Involvement in Clinical Research. A Comment. *Pediatric Blood and Cancer* 2008;51(5):716-717.

Unguru Y., Sill A, Kamani N. The Experiences of Children Enrolled in Pediatric Oncology Research: Implications for Assent. *Pediatrics* 2010;125:e876-e883.

Unguru Y. The Successful Integration of Research and Care: How Pediatric Oncology Became the Subspecialty in which research Defines the Standard of Care. *Pediatric Blood and Cancer* 2011;56:1019-1025.

Unguru Y. Making Sense of Adolescent Decision-making: Challenge and Reality. In: Silber T, English eds. Ethical and Legal Issues in the Care of Adolescents. *Adolescent Medicine State of the Art Reviews*. 2011;22(2):195-206.

Unguru Y. Decision-making for Children with Life-limiting Illnesses: A Clinical Approach. *Journal of Health Care Law & Policy*. 2012;15(1):117-128.

Kelly M, **Unguru Y,** Myers GD, Lantos J. An 8 year-old foster child with behavioral problems who needs a bone marrow transplant. *Pediatrics*. 2012;130(5):1-5.

Unguru Y, Joffe Steven, Fernandez Conrad V, Yu A. Ethical Issues for Control arm Patients after Revelation of Benefits of Experimental Therapy. A Framework Modeled in Neuroblastoma. *JCO*. 2013;31(5):641-646.

Wilfond BS, Magnus D, ... **Unguru Y,** et al. The OHRP and SUPPORT. *NEJM*. 2013;June 5:e36(1-3).

DeCamp M, Joffe S, Fernandez CV, Faden RR, **Unguru Y.** Consensus Statement of the Working Group on Chemotherapy Drug Shortages in Pediatric Oncology. *Pediatrics*. 2014;133:1-9. doi: 10.1542/peds.2008-1536.

Kutlar F, **Unguru Y,** Dixon N, et al. Two New Hemoglobin Variants: Hb Tallahassee and Hb Madison North Carolina. *Hemoglobin*. 2014. DOI: 10.3109/03630269.2014.881371.

RESEARCH ACTIVITIES

Publications (continued)

Simon C, Kodish E, **Unguru Y**. Cancer, Ethical Issues Related to Diagnosis and Treatment. *Bioethics*, 4th Edition. Edited by Bruce Jennings. Farmington Hills, MI: Macmillan Reference USA, 2014

Patel N, Fixler J, **Unguru Y**, Kutlar A, Kutlar F. A New Ag-Globin Chain Variant: Hb F-Sykesville MD [Ag113(G15)Val - > Ile; HBG1: c.340G4A] Detected in a Caucasian Baby. *Hemoglobin*. 2015;39(1):52-54.

Unguru Y. Ethical Challenges in Early-Phase Pediatric Research for Life-Limiting Illness. *Seminars in Pediatric Neurology*. 2015;22(3):177-186.

Johnson Liza-Marie, **Unguru Y**. Recruiting Children for Clinical Trials: Lessons from Pediatric Oncology. *American Journal of Bioethics*. 2015;15(11): 1–3.

Unguru Y, Fernandez CV, Bernhardt B, Berg S, Pyke-Grimm K, Woodman C, Joffe S. An Ethical Framework for Allocating Scarce Life-saving Chemotherapy and Supportive Care Drugs for Childhood Cancer. *JNCI*. 2016;108(6):1-7.

Unguru Y. Chemotherapy Shortages: When is Enough Enough? *Journal of Clinical Pathways*. 2016;2(4):26-29.

Unguru Y. Comment on: Contributing Factors and Outcomes of Treatment Refusal in Pediatric Oncology in Germany. *Pediatric Blood and Cancer* 2017;64(2):395. doi: 10.1002/pbc.26208. Epub 2016 Aug 28.

Barone S, **Unguru Y**. Should Euthanasia be Considered Iatrogenic? *AMA J Ethics*. 2017;19(8):802-814.

Rosenberg A, Starks H, **Unguru Y**, Feudtner C, Diekema D. Culture and Non-disclosure of Diagnosis to Children and Adolescents: Truth-telling in the Setting of Incurable Cancer. *JAMA Pediatr*. 2017 Sep 5. doi: 10.1001/jamapediatrics.2017.2568. [Epub ahead of print].

Unguru Y. Speed and Safety in Drug Approval and Commercialization. *Pediatrics*. 2017;140(5):e20170791.

Unguru Y. Shortages of Drugs, Surpluses of Ethical Challenges: An Allocation Framework for Childhood Cancer. *Pediatric Ethicscope*. 2017;30(1):8-16.

Unguru Y. Comment on: Adolescent Patient Involvement in Discussions about Relapsed or Refractory Cancer with Oncology Clinicians. *Pediatric Blood and Cancer*. 2018;e27043. doi.org/10.1002/pbc.27043.

Unguru Y. Funerals. *Pediatric Blood and Cancer*. 2018;e27059. Doi: 10.1002/pbc.27059. [Epub ahead of print].

Sharma A, Caruso Brown A, Johnson LM, **Unguru Y**, Lantos J. An Extravagant Gift from a Grateful Patient. *Pediatrics*. 2018;141(6):e20172837.

Barone S, **Unguru Y**. Ethical Issues around Pediatric Death: Navigating Consent, Assent, and Disagreement Regarding Life-Sustaining Medical Treatment. *Child and Adolescent Psychiatric Clinics*. 2018 Oct;27(4):539-550.

Extramural Funding:

The Children's Hospital at Sinai, *Professional Attitudes and Practice Styles in the Care of Newborns with Trisomy 13 and 18: A National Survey of Training Center Neonatologists*. Unguru Y, Principle Investigator. 2003-2005 (\$7,000).

Children's National Medical Center: *The Experiences of Children Enrolled in Pediatric Oncology Research Protocols: Implications for Assent*. Unguru Y, Principal Investigator. 2006-2008 (\$5,000).

Johns Hopkins, Berman Institute of Bioethics. *The Chemotherapy Shortage: Ethical Implications for Childhood Cancer*. Unguru Y. Principle Investigator. 2012-2013 (\$25,000).

The Eugene Washington PCORI Engagement Award Program. *Translation to Transform (EAIN-2627)*. Co-investigator. 2015 (\$49,827). <http://www.pcori.org/research-results/2015/translation-transform>

Extramural Funding (continued):

The Impact of Chemotherapy Shortages on Clinical Care and Research in Childhood Cancer: A Survey of US COG-Affiliated Pediatric Oncologists. Unguru Y. Principle Investigator. 2018 (\$250,000). Pending submission.

Research Projects:

University of Maryland Baltimore County (UMBC). Graduate research project, “*Baby Doe and the Selective Nontreatment of Severely Disabled Infants: The Role of Government, Physicians, and Parents.*” 1995-1996.

UMBC. Graduate research project, “*When Medicine Went Bad: Nazi Medicine and Racial Policies.*” 1996.

UMBC. Master’s Thesis, “*Codes of Medical Conduct and Human Experimentation: The German Experience. The 1900 Prussian Regulations on Medicine and the 1931 German Guidelines for New Therapy and Human Experimentation.*” 1997.

Touro College – Barry Z. Levine School of Health Sciences, Master’s Thesis, “*Informed Consent, Codes of Medical Conduct, and Human Experimentation in Western Medicine.*” 1998.

EDUCATIONAL ACTIVITIES

Educational Publications

Unguru Y. Informed Consent and Assent in Pediatrics. American Academy of Pediatrics, Bioethics Resident Curriculum: Case-Based Teaching Guides. 2011.

Unguru Y. Pediatric Decision-making: Informed Consent, Parental Permission, and Child Assent. In: Diekema D, Mercurio M, Adams M, eds. *Clinical Ethics in Pediatrics: A Case-based Textbook.* Cambridge, UK: Cambridge University Press; 2011:1-6.

Unguru Y. Further defining the role of parents in the treatment of children with cancer. *HemOnc Today* Nov 10, 2011.

Unguru Y. Caring for Children with Cancer at the End of Life. In: Hastings C, Torkildson J, Anurag A, eds. *Handbook of Pediatric Hematology and Oncology: Children’s Hospital and Research Center Oakland*, 2nd ed. Oxford, UK: Wiley-Blackwell; 2012:276-280.

Unguru Y. In Short Supply. *Hopkins Medicine* Spring/Summer 2014:46.

Unguru Y. Commentary Regarding Proposed Amendment of Article 181 (Protection of Public Health Generally) of the New York City Health Code. July 6, 2012. Available at http://www.nyc.gov/html/doh/downloads/pdf/comment/comment_0181a.pdf.

Unguru Y. Right to Try. Berman Institute Bioethics Bulletin. May 19, 2014. Available at <http://bioethicsbulletin.org/archive/right-to-try>

Unguru Y. “Right to Try” Laws are Compassionate, but Misguided. *The Conversation*. October 30, 2014. Available at <https://theconversation.com/right-to-try-laws-are-compassionate-but-misguided-33440>

Unguru Y. Letter to the Editor. Wall Street Journal. March 8, 2015. Available at <http://www.wsj.com/articles/trials-are-for-the-data-not-patients-letters-to-the-editor-1425847221>

Unguru Y. Why Oversize Dosage Vials of Cancer Drugs Are a Huge Problem. Berman Institute Bioethics Bulletin. March 31, 2016. Available at <http://bioethicsbulletin.org/archive/size-matters>

Unguru Y. Informed Consent and Assent in Pediatrics. American Academy of Pediatrics, Bioethics Case Based Teaching Guides for Resident Training. 2017. Available at <https://www.aap.org/en-us/Documents/Bioethics-InformedConsent.pdf>

Meyers D, Brauer J, **Unguru Y.** Case Study - Oral Supplements Against Medical Advice. Mid-Atlantic Ethics Committee Network Newsletter. Fall 2017:7-9.

Educational Publications (continued)

Unguru Y. Responding to Requests by Adolescents and Parents to Forego Lifesaving Therapy for Curable Childhood Cancer. In: Hastings C, Torkildson J, Anurag A, eds. Handbook of Pediatric Hematology and Oncology: Children's Hospital and Research Center Oakland, 3rd ed. Oxford, UK: Wiley-Blackwell. 2018, In press.

Unguru Y. Ethical Challenges Conducting Pediatric Research in the Era of Scarce Drugs. In: Kodish R, Nelson R, eds. Ethics and Research with Children, 2nd ed. Oxford, UK: Oxford University Press. 2018, In press.

Teaching

Israel Defense Forces	1986-1988 1988-1989	Drill Instructor & Platoon Sergeant N.C.O. In Charge of Training Curriculum Development & Implementation
Baltimore Hebrew Congregation Religious & Day Schools	1991-1997 1996-1997	7 th grade Teacher - Hebrew & Religious Studies Physical Education Instructor – Elementary School
“Machon L'Morim”	1993-1995	Meyerhoff Fellow A Teacher Leadership Specialist Institute
Children's National Medical Center	2006-2008	Monthly lectures to medical students & Pediatric Residents
Joseph P. and Rose F. Kennedy Institute of Ethics	2007	Intensive Bioethics Course, XXXIII
The Herman & Walter Samuelson Children's Hospital at Sinai	2008-	Attending Physician, Pediatric Heme/Onc Service – 12 days/month Attending Physician, Pediatric Heme/Onc Clinic – 3 days/week Attending Physician, Pediatric Resident Noon Conference Series Pediatric Heme/Onc and Clinical Ethics lectures – 2-3/month
Johns Hopkins University School of Medicine	2010-	Instructor, Research Ethics Workshops About Responsibilities and Duties of Scientists
Children's Mercy Bioethics Center Division of Pediatric Hematology, Oncology and Bone Marrow Transplantation	2015	Visiting Professor
Cleveland Clinic Pediatric Institute Dept of Hematology/Oncology Center of Ethics, Humanities, And Spiritual Care	2015	Visiting Professor
Leikin Lecturer in Bioethics Children's National Medical Center	2016	

Mentoring

The Herman & Walter Samuelson Children's Hospital at Sinai	2008-11 2008-11 2009-12 2011-14 2012-15 2012-15	Mentor to Dr. Nazia Tassbaum, Pediatric Resident Mentor to Dr. Laila Mohammed, Pediatric Resident Mentor to Dr. Parvathi Kumar, Pediatric Resident Mentor to Dr. Neelam Bhatt, Pediatric Resident Mentor/Research advisor to Dr. Hela Barhoush, Pediatric Resident Research Mentor to Dr. Theodore Wilson, Pediatric Resident
Johns Hopkins School of Medicine	2014-2015	Scholarly Concentration Mentor to John Schmiek, Medical Student

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Educational Program Building/Leadership

The Herman & Walter Samuelson Children's Hospital at Sinai	2009-	Pediatric House staff Clinical Ethics Curriculum
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Educational Program Building/Leadership (continued)

The Johns Hopkins University School of Medicine	2010 –	Clinical Ethics Instructor
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The Herman & Walter Samuelson Children's Hospital at Sinai	2011-2012-	Scholarly Activity Committee, Chair Curriculum Committee, Member
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CLINICAL ACTIVITIES

Certification

Medical License	2006-2008	Government of the District of Columbia, Department of Health. License No: MD036047 (expired)
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Medical License	2008-	State of Maryland; License No: D0067312
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Board Certification	2006 & 2016 2009-	American Board of Pediatrics (Initial and Recertification) American Board of Pediatric Hematology/Oncology
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Clinical Service Responsibilities

The Herman & Walter Samuelson Children's Hospital at Sinai	2009-	Attending Physician, Pediatric Heme/Onc Service ~12 days/month Attending Physician, Pediatric Heme/Onc Clinic – 3 days/week
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ORGANIZATIONAL ACTIVITIES

Institutional Administrative Appointments

Sinai Hospital of Baltimore	2002-2005; 2008-2016-	Member, Ethics Committee Chair, Ethics Committee
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The Children's Hospital at Sinai	2003-	Member, Committee on Pediatric End-of-Life & Chair (2009-)
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Children's National Medical Center	2005-2008	Member, Institutional Ethics Forum
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Children's National Medical Center	2007-2008	Research Subjects Advocate, Institutional Review Board
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The Herman & Walter Samuelson Children's Hospital at Sinai	2008-	Director of Resident Education, Pediatric Hematology/Oncology
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The Herman & Walter Samuelson Children's Hospital at Sinai	2011-	Chair, Department of Pediatrics, Scholarly Activity Committee
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Sinai Hospital of Baltimore	2016 -	Member, Medical Executive Committee
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Editorial Activities

American Society for Bioethics & Humanities (ASBH)	2008-	Reviewer, Pediatric Ethics Affinity Group
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Journal Editorial Activities

Pediatric Ethicscope	2016-	Member, Editorial Board
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Journal Peer Reviewer

Journal of Adolescent Health	2009 -
Pediatrics	2010-
Pediatric Blood and Cancer	2010-
Archives of Pediatrics & Adol Med	2010-
Journal of Pediatric Psychology	2010-
European Journal of Pediatrics	2011-
Journal of Adolescent and	2011-
Young Adult Oncology	
Amer J Bioethics Primary Research	2012-

Advisory Committees, Review Groups/Study Sections

Children's Oncology Group	2008- 2013-	Member, Bioethics Steering Committee Member, Young Investigator Committee
American Academy of Pediatrics	2009-2010	Member, Section on Bioethics
American Society of Clinical Oncology	2011-2014	Member, Ethics Committee
Working Group on Chemotherapy Drug Shortages in Pediatric Oncology	2012-	Steering Committee member and Chairman
COG Allocation Task Force	2014-	Founding member and Chairman
Erwinzae Supply Working Group	2015-	Member
Delphi study of Child Assent	2015-	Expert participant
NIH R01 Grant: "An e-Advance Directive with On-Demand end-of-life and cancer-specific information, and patient specific customization options"	2018	Advisory Committee member

Professional Societies

American Medical Association	2002-2005	Member
American Academy of Pediatrics	2002-2005 2009-2010	Member
American Society of Hematology	2005-2008	Member
American Society of Clinical Oncology	2005-2008	Member
American Society of Pediatric Hematology/Oncology	2005-	Member
American Society for Blood and Marrow Transplantation	2005-2008	Member
ASBH	2006-	Member
Children's Oncology Group	2007-	Member

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Consultantship

American Academy of Pediatrics Committee on Pediatric Research	2008-	Consultant regarding revision of AAP Guidelines for the Ethical Conduct of Studies to Evaluate Drugs in Children
American Medical Association Council on Ethical and Judicial Affairs	2010-	Reviewed & authored modernization of pediatric components of AMA Code of Medical Ethics
New York City Department Of Health & Mental Hygiene	2012-	Consultant to Amendment of Article 181 (Protection of Public Health Generally) of the New York City Health Code
FDA Drug Shortage Taskforce Listening Session	2018	Expert discussant and consultant

RECOGNITION

Awards & Honors

1985	Leo Baeck Athletic Award
1986	Emily and Kivis Kaplan Award for Social Justice
1987	Israel Defense Forces – Outstanding Cadet: Basic Training & Commanders Course
1995	Department of History Outstanding Academic Achievement Award, UMBC
1995	Graduated with Departmental Honors in Historical Studies, UMBC
1995 & 1997	General University Honors upon completion of B.A. and M.A., UMBC
1998	Barry Z. Levine Award, Most Outstanding Student in the Biomedical Program, Touro College
2000	Bruce Rappaport Faculty of Medicine President's Award. Technion. Presented to students demonstrating superior achievement receiving a minimum mark of 95% during clinical rotations
2005	Harry Gordon Pediatric Resident Scholarly Activity Award. The Children's Hospital at Sinai. Honorable mention, presented for outstanding resident research project
2007	Pediatric Ethicscope Essay Contest. Winner. "Pediatric Assent: Should Children Decide and Does it Really Matter?"
2007	American Academy of Pediatrics, Pediatric Ethics Essay Contest. Winner. "Pediatric Assent: Should Children Decide and Does it Really Matter?"
2010	Teacher of the Year, 2009-2010. Granted by the Pediatric House staff, The Herman and Walter Samuelson Children's Hospital at Sinai.
2010-2018	Sinai Hospital of Baltimore, <i>Champion of Care</i> .
2013, 2016, 2017	Baltimore Magazine, <i>Top Doctor</i> , Pediatric Hematology / Oncology.
2015	LifeBridge Health <i>All Star Champion of Care</i> .
2016, 2018	Baltimore Orioles and Major League Baseball, Birdland Community Hero

Invited Addresses *(selected)*

- 1997 *Informed Consent, Codes of Medical Conduct, and Human Experimentation in Western Medicine.* Delivered to the Robert Wood Johnson Fellows of the Johns Hopkins School of Medicine.
- 2002-2005 *Ethics forum*, approach to and resolution of clinical ethical dilemmas, multiple presentations to faculty and staff Sinai Hospital of Baltimore, teaching rounds.
- 2006 *"The Care of Newborns with Trisomy 13 & 18: Professional Practice Styles. A National Survey of Training Centers."* Pediatric Grand Rounds, Sinai Hospital of Baltimore.
- 2007 *"The Dying Adolescent: Getting it Right."* A Symposium on Pediatric End-of-Life Issues, The Herman & Walter Samuelson Children's Hospital at Sinai.
- 2007 *"What's Wrong with Pediatric Assent."* Educational session delivered to Institutional Ethics Forum, Children's National Medical Center.
- 2008 *"The Experiences of Children Enrolled in Pediatric Oncology Research Protocols: Implications for Assent."* American Academy of Pediatrics, Committee on Pediatric Research, Annual Meeting, Washington, DC.
- 2008 *"The Experiences of Children Enrolled in Pediatric Oncology Research Protocols: Implications for Assent."* American Society for Bioethics and Humanities, 10th Annual Meeting, Washington, DC.
- 2009 *"Voicing Your Opinion: A Resident's Perspective on Competing Interests in Patient Care."* Pediatric Academic Societies, Annual Meeting, Baltimore, MD.
- 2009 *"The Experiences of Children Enrolled in Pediatric Oncology Research Protocols: Implications for Assent."* Elihu Root Memorial Grand Rounds Lectureship Series (inaugural), St. Luke's Episcopal Hospital, Houston, Texas.
- 2009 *"Pediatric Care: Legal and Ethical Issues in Treatment Refusals."* University of Maryland, School of Law, Baltimore, MD.
- 2010 *"The Voice of the Child: Understandings of Assent in Pediatric Cancer Research."* Cleveland Pediatric Bioethics Conference: Advancing the Interests of Children. Cleveland, OH.
- 2010 *"The Care of Newborns with Trisomy 13 & 18: Professional Practice Styles. A National Survey of Training Centers."* Tiny Babies, Large Questions: Ethical Issues in Neonatal Care. Sixth Annual Pediatric Bioethics Conference. Seattle, Washington.
- 2010 *"The Successful Integration of Research and Care: How Pediatric Oncology Became the Subspecialty in which research Defines the Standard of Care."* Young Investigator Session, Children's Oncology Group Annual Meeting, Dallas Texas.
- 2011 *"Adolescent and Parental Refusal of Cancer Care: Ethical and Legal Issues."* Pediatric Ethics Lecture Series, Children's Mercy Hospital and Clinics, Kansas City Missouri.
- 2011 *"Adolescent Decision-making in Terminal and Chronic Illness: A Clinical Perspective."* Roundtable on Adolescent Decision-Making. University of Maryland School of Law, Law and Health Care Program. Baltimore Maryland.
- 2011 *"Blurring the Boundaries of Research and Clinical Care for Children: A Constructive Ambiguity?"* American Society for Bioethics and Humanities, 13th Annual Meeting, Minneapolis, MN.
- 2012 *"Medical Errors: To Tell or not to Tell."* Anesthesia Grand Rounds, Annual Ethics Lecture. Sinai Hospital of Baltimore.

Invited Addresses (continued)

- 2012 Panel Moderator, “*Family and Addiction.*” American Society for Bioethics and Humanities, 14th Annual Meeting, Washington, DC.
- 2012 “*Bioethics 101: Approaching Ethical Dilemmas in Patient Care.*” Sinai Hospital of Baltimore, Nurses Auxiliary Annual Lecture. Baltimore, MD.
- 2012 “*Including Children in Clinical Research: Stakeholder Perspectives, Ethical Challenges, & IRB Strategies.*” Public Responsibility in Medicine and Research, Webinar.
- 2012 “*An Ethical Approach to the Dying Child.*” Capital Hospice, Pediatric Hospice Training Meeting. Falls Church, VA.
- 2013 “*Deciding Who Should Decide. When Parents and Adolescents Refuse Cancer Care: Ethical and Legal Issues.*” Pediatric Grand Rounds, Beaumont Children’s Hospital, Birmingham, Michigan.
- 2013 “*Ethical Considerations at the End-of-Life: Medically Provided Fluid and Nutrition, Decision-Making, and Futility.*” Pediatric Palliative Care Lectureship, Children’s National Medical Center, Washington, DC.
- 2013 “*Including Adolescents in Clinical Research: Ethical Challenges and Realities.*” Pediatric Academic Societies, Annual Meeting, Washington, DC.
- 2013 “*Ethical Considerations in Dealing with Drug Shortages.*” Anesthesia Grand Rounds, Annual Ethics Lecture. Sinai Hospital of Baltimore.
- 2013 “*Bioethics and Integral Care During Pediatric Oncology Studies: The Child’s Perspective.*” AMCEI, 2nd International Research Ethics Symposium, Acapulco, Mexico.
- 2013 “*Chemotherapy Shortages in Childhood Cancer.*” Children’s Oncology Group, 2013 Fall Meeting, Dallas, TX.
- 2013 “*Childhood Cancer and Chemotherapy Shortages: Ethical Challenges and Tragic Choices.*” American Society for Bioethics and Humanities, 15th Annual Meeting, Atlanta, GA.
- 2013 “*Management of Pediatric and Young Adult Sarcomas.*” Talent, Teamwork, and Technology in Cancer Care, Lapidus Cancer Institute, Pier V Hotel, Baltimore MD.
- 2013 “*Scarce Drugs and Chemotherapy Shortages: The New Normal? Ethical Challenges and Tragic Choices in Childhood Cancer.*” Pediatric Grand Rounds, The Herman & Walter Samuelson Children’s Hospital at Sinai, Baltimore, MD
- 2014 “*Maternal-Fetal Conflict: Déjà vu All Over Again.*” Obstetrics & Gynecology Grand Rounds, Sinai Hospital of Baltimore.
- 2014 “*Hot Topics in Policy Advocacy for Pediatric Hematologists/Oncologists.*” American Society for Pediatric Hematology/Oncology, 27th Annual Meeting, Chicago, IL.
- 2014 “*The Experiences of Children Enrolled in Pediatric Oncology Research Protocols: Implications for Assent.*” *Lettura Magistrale*, AIEOP, Italian Pediatric Hematology/Oncology, 40th Annual Meeting, Genova, Italy.
- 2014 “*Competing Interests in the Care of Sick Children: A Framework Modeled in Childhood Cancer.*” Gaslini Children’s Hospital, Genova Italy.
- 2014 “*Chemotherapy Shortages: The Not So Good, The Bad, and The Ugly.*” Translational Research in Hematology/Oncology/Bone Marrow Transplantation Seminar Series. Nationwide Children’s Hospital, The Ohio State University. Columbus, Ohio.
- 2014 “*Treating Terrorists: Clinicians’ Responsibilities.*” A September 11 Anesthesia Grand Rounds, Annual Ethics Lecture. Sinai Hospital of Baltimore.

Invited Addresses (continued)

- 2014 Keynote Speaker. Notre Dame of Maryland University, School of Pharmacy. Rho Chi Induction Ceremony. Baltimore, Maryland.
- 2014 “*Ethical and Clinical Challenges in Caring for Children with Cancer in the Era of Chemotherapy Drug Shortages: The Not so Good, the Bad, and the Ugly.*” Seventh Annual Pediatric Bioethics Conference. Wolfson Children’s Hospital. Jacksonville, Florida.
- 2015 “*Unreasonable Standard of Care or Simply Unreasonable: Clinical and Ethical Challenges in Caring for Children with Cancer in the Era of Chemotherapy Shortages.*” Johns Hopkins Berman Institute of Bioethics Seminar Series. Baltimore, Maryland.
- 2015 “*Caring for Children in the Era of Chemotherapy Shortages: The Not So Good, The Bad, and the Ugly.*” Yale University School of Medicine, Pediatric Grand Rounds seminar series. New Haven, Connecticut.
- 2015 “*Challenging Case Conference.*” Division of Pediatric Hematology, Oncology and Bone Marrow Transplantation at Children’s Mercy. Kansas City, Missouri
- 2015 “*An ethical framework for allocating scarce life-saving chemotherapy: When ‘eeny, meeny, miny, mo’ just won’t cut it.*” Children’s Mercy Bioethics Center. Kansas City, Missouri.
- 2015 “*Ethical Allocation of Scarce Life-saving Chemotherapy*” ‘Eeny, Meeny, Miny, Mo’ or Pre-meditation?” Johns Hopkins Hospital. Oncology Grand Rounds. Baltimore, Maryland.
- 2015 “*Improving Upon ‘Eeny, Meeny, Miny, Mo:’ Ethical Allocation of Scarce Life-saving Chemotherapy for Children with Cancer.*” Sinai Hospital of Baltimore. Pediatric Grand Rounds. Baltimore, Maryland.
- 2015 “*Cases that Keep Us Up at Night.*” Semi-Annual Ethics Lecture. Anesthesia Grand Rounds, Sinai Hospital of Baltimore.
- 2015 “*Making the Most of Difficult Decisions and Tragic Choices: An Ethical Framework for Allocating Scarce Life-saving Chemotherapy for Children with Cancer.*” Cleveland Clinic. Pediatric Grand Rounds. Cleveland, Ohio.
- 2015 “*When Kids and Parents do the Darndest Things. Responding to Refusal of Care for Favorable Prognosis Cancer.*” Cleveland Clinic. Department of Pediatric Hematology/Oncology Seminar Series. Cleveland, Ohio.
- 2015 “*An Ethical Framework for Allocating Scarce Life-saving Chemotherapy for Children with Cancer.*” Children’s Oncology Group Fall Meeting. Dallas, Texas.
- 2016 “*Refusing the Refusal: Saying ‘No’ to Adolescents and Parents Who Refuse Care for Favorable Prognosis Childhood Cancer.*” Sinai Hospital of Baltimore. Pediatric Grand Rounds. Baltimore, Maryland.
- 2016 “*Shortages of Drugs, Surpluses of Ethical Challenges: An Allocation Framework for Childhood Cancer.*” Children’s National Medical Center. Leikin Lecture. Washington, DC.
- 2016 “*You Cannot be Serious! Ethical and developmental reflections on adolescents & parents who refuse lifesaving therapies for curable cancers.*” Children’s National Medical Center. Psychiatry Grand Rounds. Washington, DC.
- 2016 “*Navigating the challenges when there is disagreement in care.*” American Society for Pediatric Hematology/Oncology, 29th Annual Meeting. Minneapolis, MN
- 2016 “*Caring for sick children is hard enough without drug shortages: an ethical framework modeled in childhood cancer.*” New England Region, 4th Annual Hemophilia Health Services Meeting. Hartford, CT.
- 2016 “*When drugs are short, but the ethical challenges are long: The absurdity of having to choose which children receive scarce, life-saving chemotherapy.*” International Society for Pharmaceutical Engineers/FDA/PQRI Quality Manufacturing Conference. Bethesda, MD.

Invited Addresses (continued)

- 2016 “*Ethical considerations in clinical research: A child-centered approach.*” Hydrocephalus Association, Translation to Transform (T2T) Annual Meeting; Sponsored by PCORI. Minneapolis, MN.
- 2016 “*Shortages of drugs, surpluses of perspectives: Finding ethical equilibrium among key stakeholders.*” American Society for Bioethics and Humanities, 18th Annual Meeting, Washington, DC.
- 2016 “*Too few medications: Having to choose which children receive scarce life-saving medicines.*” Johns Hopkins University. Ethics for Lunch. Baltimore, MD.
- 2016 “*Devil’s Choice: Selecting Children for Life-Saving Chemotherapy, An Ethical Prioritization and Allocation Framework.*” Ninth Annual Pediatric Bioethics Conference. Wolfson Children’s Hospital. University of North Florida. Jacksonville, Florida.
- 2017 “*Pediatric Ethics Case Conference: A Grand Rounds Discussion.*” Sinai Hospital of Baltimore. Pediatric Grand Rounds. Baltimore, Maryland.
- 2017 “*Allocating Scarce Lifesaving Chemotherapy for Children with Cancer. An Ethical Approach to an Untenable Situation.*” Hackensack University Medical Center. Pediatric Grand Rounds. Hackensack, NJ.
- 2017 “*Allocation, Prioritization, Rationing, Oh My! The Ethics of Treating Children with Cancer in the Era of Scarce Lifesaving Chemotherapy.*” Sinai Hospital of Baltimore. Internal Medicine Grand Rounds. Baltimore, Maryland.
- 2017 “*On the Frontline of an Outbreak.*” *Providers as Global Citizens: When Diseases Go Viral.* Eleventh Annual Allen D. Schwartz Lectureship. Moderator. Baltimore, MD.
- 2017 “*Responding to a Parental Request Not to Tell an Adolescent that She has Cancer.*” Sconyers/Godfrey Ethics Lecture. University of Washington, Seattle Children’s Hospital Grand Rounds. Seattle, Washington.
- 2017 “*Unenviable Challenges, Untenable Choices. Caring for Children with Cancer in the Era of Scarce Lifesaving Chemotherapy.*” Treuman Katz Pediatric Bioethics Center, University of Washington, Seattle Children’s Hospital. Seattle, Washington.
- 2017 “*The Truth, the Whole Truth, and Nothing but the Truth – Well ... Cultural Considerations in Disclosing a Cancer Diagnosis to an Adolescent with Cancer.*” Leadership Executive Academic Development (LEAD) Series. Johns Hopkins All Children’s Hospital, St. Petersburg, Florida.
- 2017 “*Bioethics 101: Approaching Ethical Dilemmas in Patient Care.*” Leadership Executive Academic Development (LEAD) Series. Johns Hopkins All Children’s Hospital, St. Petersburg, Florida.
- 2017 “*To Tell or Not to Tell? Responding to Parental Request to not Tell an Adolescent She Has Cancer.*” Sinai Hospital of Baltimore. Pediatric Grand Rounds. Baltimore, Maryland.
- 2018 “*Ethical Dilemmas in Osteosarcoma.*” MIB Agents FACTOR 2018 Conference. Second Annual Meeting. University of Miami Sylvester Comprehensive Cancer Center. Miami, Florida.
- 2018 “*The Pervasive Problem of Drug Shortages. A Framework for Allocating Scarce Lifesaving Chemotherapy for Childhood Cancer.*” St. Jude Grand Rounds. St. Jude Children’s Research Hospital. Memphis, TN.
- 2018 “*Ethical Considerations in Pediatric Oncology Clinical Research: A Child-Centered Approach.*” Keynote address, Coalition Against Childhood Cancer, Annual Summit. Seattle, WA
- 2018 “*Update on Chemotherapy Shortages: Engaging with Policy Makers.*” Children’s Oncology Group Fall Meeting. Dallas, Texas.

MEDIA ENGAGEMENTS

WYPR Radio. Maryland Morning with Sheilah Kast.
MSNBC. Weekends with Alex Witt.
Wall Street Journal.
CBS DC Radio
The New York Times
NPR. The Diane Rehm Show
The Takeaway with John Hockenberry. Public Radio International / WNYC / WGBH
The Leonard Lopate Show, WNYC
BreakThru Radio
WYPR Radio. Midday with Sheilah Kast
Association of American Medical Colleges

OTHER PROFESSIONAL ACCOMPLISHMENTS

2008-2015	Clinical Trials and Surveys Corporation, Member, Institutional Review Board
2014-	Risk-based Therapy for Children with Sickle Cell Anemia, A Feasibility Study. Member and Bioethics Consultant, Data and Safety Monitoring Board.
2015-	American Association of Blood Banks. Ethicist Member, Advisory Working Group on the potential risk of babesia to the US blood supply.
2016-	Medical Director, Horizon Day Camp, Baltimore