

Naomi Tricot Laventhal
Clinical Assistant Professor

University of Michigan C.S. Mott Children's Hospital
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Education and Training

Education

09/1995-05/1998 BA, Anthropology, Minor in Spanish, Minor in Biology, Indiana University, Bloomington, IN
08/1999-05/2003 MD, Louisiana State University, New Orleans, LA
07/2007-06/2009 MA, Public Policy Studies, University of Chicago, Harris School of Public Policy, Chicago, IL

PostDoctoral Training

06/2003-06/2004 Internship, Pediatrics, University of Chicago, Department of Pediatrics, Chicago, IL
07/2004-06/2006 Residency, Pediatrics, University of Chicago, Department of Pediatrics, Chicago, IL
07/2006-06/2009 Fellowship, Neonatology, University of Chicago, Department of Pediatrics, Section Neonatology, Chicago, IL
07/2007-07/2009 Fellowship, Ethics, University of Chicago McLean Center for Clinical Medical Ethics, Chicago, IL

Certification And Licensure

Certification

10/2006-12/2026 American Board of Pediatrics - General Pediatrics
03/2010-12/2020 American Board of Pediatrics - Neonatology

Licensure

09/2006-03/2018 DEA Registration
04/2009-01/2019 State of Michigan, Controlled Substance
04/2009-01/2019 State of Michigan, Medical License

Academic, Administrative, Clinical and Military Appointments

Academic Appointments

08/2009-05/2012 Clinical Lecturer in Pediatrics, Neonatal-Perinatal Medicine, University of Michigan, Ann Arbor, Michigan
05/2012-present Clinical Assistant Professor in Pediatrics, Neonatal-Perinatal Medicine, University of Michigan, Ann Arbor, Michigan

Administrative Appointments

01/2012-present Director, Outpatient Prenatal Consult Clinic, Von Voightlander Women's Hospital/Mott Children's Hospital, Ann Arbor, MI

Clinical Appointments

01/2016-present Clinical Ethics Faculty, University of Michigan, Ann Arbor, Michigan

Clinical Interests

- Complex antenatal consultation
- Clinical ethics consultation
- End-of-life decision making in the newborn intensive care unit
- Complex delivery planning

Research Interests

- Ethical decision-making in the newborn intensive care unit
- Quality and effectiveness of prenatal counseling for infants born prematurely or with congenital anomalies
- Research ethics in the newborn intensive care unit

Grants

Current Grants

1 UL1 TR002240-01: Michigan Institute for Clinical and Health Research (MICHR) NIH-DHHS-US- 16-PAF04360
Co-I without Effort (Principal Investigator: Mashour, George A)
06/2017-05/2022. \$60,000,000

University of Michigan National Poll on Children's Health Faculty Participation Program - Parent assumptions and preferences regarding physician communication of drug safety information. University of Michigan
Co-I without Effort (Principal Investigator: David Sandberg)
06/2012-present

Amendt-Heller Award for Newborn Research "Crystal Ball: Predicting Death and Disability in the Newborn Intensive care Unit." Amendt-Heller
Naomi Laventhal, PI
06/2012-present. \$20,000

Holden Research Fund Award "Off label use of therapeutic hypothermia in the newborn intensive care units: A survey of U.S. neonatologists. Holden NICU
Naomi Laventhal, PI
06/2011-present. \$20,000

Past Grants

Independent Contractor Agreement for Premature Decision Aid Protocol: Utility of a Clinically Relevant Decision Aid, for Parents Facing Extremely Premature Delivery Christiana Care Health System- 15-PAF00295
Laventhal, Naomi, PI
12/2013-11/2015. \$18,000 (\$9,000)

Honors and Awards

Institutional

1998	Indiana University: Cum laude
1998	Indiana University: Phi Beta Kappa
2002	Louisiana State University: Alpha Omega Alpha Medical Honor Society
2003	Louisiana State University Department of Obstetrics and Gynecology: Alfred Memorial Scholarship
2005	University of Chicago, Department of Pediatrics - Intern Selection Committee
2006	University of Chicago, Department of Pediatrics Faculty Honors - Senior Resident of the Year
2007	University of Chicago, Harris School of Public Policy - 50% Tuition Scholarship

Memberships in Professional Societies

1999-2003	Member, American Medical Association
2003-present	Member, American Academy of Pediatrics
2009-present	Member, American Academy of Pediatrics, Section on Perinatology
2009-present	Member, American Society for Bioethics & Humanities
2009-present	Member, Fellow of the American Academy of Pediatrics

2009-present	Member, Society of Michigan Neonatologists
2010	Member, American Academy of Pediatrics, Section on Bioethics
2017-present	Member, Michigan State Medical Society
2017-present	Member, Society for Pediatric Research

Editorial Positions, Boards, and Peer-Review Service

Study Sections

Institutional

2012-2016	University of Michigan Pediatric Research Symposium - Session Moderator (Ad Hoc)
2013-2017	University of Michigan Pediatric Research Symposium - Abstract Reviewer (Ad Hoc)
2014-2016	University of Michigan Pediatrics Residency Scholarly Activity Program Abstracts (Ad Hoc)
2015	University of Michigan Department of Pediatrics Intramural Grant Proposal review 2015 cycle (Ad Hoc)

Editorial Boards

2015-2018	Editor - Special Issue, Seminars in Fetal and Neonatal Medicine
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Journal Reviewer

2010	American Journal of Bioethics Primary Research (Ad Hoc)
2011-2017	American Society for Bioethics and Humanities (abstracts) (Ad Hoc)
2011-2017	Journal of Pediatrics (Ad Hoc)
2011	Journal of Neonatal-Perinatal Medicine (Ad Hoc)
2012	Journal of Medical Ethics (Ad Hoc)
2013-2014	American Journal of Perinatology (Ad Hoc)
2013-2016	Pediatric Critical Care Medicine (Ad Hoc)
2013-2017	Acta Paediatrica (Ad Hoc)
2014-2017	Pediatrics (Ad Hoc)
2014	American Society for Bioethics and Humanities - Pediatric Ethics Affinity Group (Ad Hoc)
2015-2017	American Journal of Bioethics (Ad Hoc)
2015-2017	Archives of Disease in Childhood (Ad Hoc)
2017	Journal of Perinatology (Ad Hoc)
2017	Search Results IRB: Ethics & Human Research - The Hastings Center (Ad Hoc)

Teaching

Faculty Member

07/2015-present	Stephanie Kukora, MD, University of Michigan (multiple publications and abstracts), K Award Proposal
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Medical Student

07/2013-06/2014	Phoebe Danziger, BA, University of Michigan (research project presented at National Meeting)
06/2016-present	Sally Salari, University of Michigan Ethics Pathway of Excellence
08/2016-present	Genevieve Allen, University of Michigan Ethics Pathway of Excellence

Resident/House Officer

07/2010-12/2013	Stephanie Rains Lynema, MD, University of Michigan (continued to faculty Neonatologist position; research project published)
07/2010-06/2015	Stephanie Kukora, MD, University of Michigan (research project published)
07/2011-06/2013	Jennifer Berkowski, MD, University of Michigan

06/2012-06/2014	Lori Clark, MD, University of Michigan
01/2015-06/2016	Jasmeet Kataria, MD, University of Michigan (project presented at national meeting)
07/2015-present	Phoebe Danziger, MD, University of Michigan (research project accepted for publication)
07/2017-present	Christin Lawrence, DO, University of Michigan

Undergraduate Student

07/2012-05/2014	Natalie Ziel, BA, University of Michigan (Continued to U of M Medical School)
07/2012-05/2015	Yekatarina Zhupan, BA, University of Michigan (Continued to clinical position at Memorial Sloan Kettering Hospital, and Rutgers University Nursing School)
01/2013-06/2014	Kartik Bhatt, BA, University of Michigan (Continued to University of Michigan School of Public Health and research position at University of North Carolina)
01/2013-06/2016	Sheba Gollapudi, BA, University of Michigan (Continued to Case Western Reserve Masters in Bioethics Program, followed by Medical School at Wayne State University)
07/2013-05/2014	Alison Wiles, BA, University of Michigan (Continued to Rosalind Franklin University Medical School)
07/2013-05/2014	Taylor Jones, BA, University of Michigan (continued to Central Michigan University College of Medicine)
07/2013-05/2015	Kaitlyn Arbor, BA, MA, University of Michigan (Continued to Masters in Bioethics at Columbia University and Medical School at Tulane)
07/2014-05/2017	Morgan Hoskins, Anticipate BA, University of Michigan (continues to work in Intraoperative Neuromonitoring in Austin TX prior to applying to medical school)
10/2014-05/2018	Casey Jacobson, BS Biopsychology, University of Michigan (anticipates application to Dental School)
07/2015-05/2017	Bryan Aaron, BA LS&A, University of Michigan (applying to medical school)
07/2015-05/2018	Karina Zanck-McLean, BS Nursing, University of Michigan Nursing Research Based Honors Program Global Health Research Team School of Nursing
09/2015-04/2017	Taylor Freeberg, BS, continues to MD program, University of Michigan LS&A (Mentor, Biology MCDB 300 Independent Study Research Credit);
09/2015-04/2018	Niharika Tiwari, BA, University of Michigan LS&A Biology MCDB 300 independent research study credit
05/2016-04/2017	Vikram Saraan, BA LS&A, University of Michigan (applying to medical school)
05/2016-05/2018	Heather Martin, BS Biomolecular Science, University of Michigan LSA
05/2016-05/2018	Elizabeth Brines, BS Neuroscience, University of Michigan
06/2016-04/2018	Julie Fynke, MA HBHE SPH, University of Michigan Masters 4+1 LSA, School of Public Health (anticipates application to Medical School)

Teaching Activity

Institutional

2009-present	NICU Didactic Conference - Neonatal ethics/epidemiology and ethics cases - Neonatology fellows, pediatric and medicine-pediatrics residents, ER residents, M4 students, Neonatal Nurse Practitioners
2009-present	Neonatal Research and Didactic Conference (neonatology fellows and faculty, neonatal nurse practitioners)
2010	Center for Bioethics and Social Sciences in Medicine Seminar
2010-2016	Neonatal Resuscitation Program Instructor (Ob-Gyn residents, Family Medicine Residents, Pediatrics and Pediatrics/Internal Medicine Residents, RNs, RTs)
2010-2011	Neonatal Respiratory Physiology (M2 Medical Students)
2010	School of Social Work - Ethics in the Medical Setting
2010-2015	Undergraduate Research Opportunity Program (UROP) Seminar Series- Research Ethics and Integrity
2010-2013	On Job On Campus (OJOC) Program in Clinical Research Design and Statistical Analysis - Legal and Ethical Issues in Clinical and Translational Research

2011-2015	Pediatric Ethics Committee (multidisciplinary per Joint Commission standards)
2011-present	Prenatal Consultation - Orientation for Neonatology Fellows
2011-present	Medical Ethics and Social Stress (MESS) Rounds - Neonatology fellows and faculty, pediatric and med/peds residents, M4 students, social work, chaplaincy) - monthly conference
2011-present	Pediatric Residency Conference (Pediatric Bioethics) - Pediatric interns and residents, faculty, M3, M4 students
2011	Pediatric Palliative Care Conference
2011	Pediatric Bioethics (M2 Medical Students)
2012	Ethics/Informed Consent - M2 Medical Student Small Group Sessions
2012-2017	Ethics Pathway of Excellence (Medical School)- Neonatal Bioethics
2012	Obstetrics and Gynecology Residents Core Curriculum Outcomes for Infants born 22-26 weeks
2012-2013	School of Pharmacy - Evidence Based Medicine and Ethics - Pediatric and Clinical Research Ethics
2013-present	Department of Pharmacology 621 - Ethics of Clinical Trials (yearly)
2013-present	Academic Etiquette and Professionalism for Pediatric Subspecialty Fellows General Orientation (yearly)
2013	Pediatric Palliative Care End-of-Life Workshop
2014-2017	M1 Ethics Curriculum (Medical School)
2014-present	MICHR Responsible Conduct of Research (UM faculty) (yearly)
2014-present	Co-Instructor, Responsible Conduct of Research for K Awardees Training Program University of Michigan, MICHR. Designing and updating curriculum, and co-leading MICHR Responsible Conduct of Research for K Awardees (RCR4K)
2014-present	Neonatal Neurology Conference (faculty and house officers from neonatology and peds neurology) (yearly)
2014-present	Academic, Clinical, and Professional Etiquette - Pediatric Subspecialty Fellows orientation
2014-present	Department of Pharmacology 622 - Ethical Considerations in Translational Research (yearly)
2015	Obstetrics and Gynecology Maternal Fetal Medicine Fellows Care of the Late Preterm Infant
2016-present	Ethics Core Lecture (Pediatric residents, 3rd year medical students)
2016-present	Ethics Case Conference (Pediatric residents, 3rd year medical students)
2016	Ethical Considerations in the SUPPORT Trial Controversy
2016	UC 105 - Health Sciences Scholars Program: Perspectives on Health and Health Care "Death, Dying, Religion, and Spirituality- Life and Death in the Newborn Intensive Care Unit"
2017	Medical Error Disclosure - Pediatrics Residency Noon Conference - Small group facilitator - pediatrics residents, medical students
2017	A Tour of NICU Ethics (Social Work 705 Ethical Dilemmas in Health and Healthcare)
2017	Ethics Case Discussion and Role of the Pediatric Ethics Committee - Division of Pediatric Pulmonology, Department of Pediatrics and Communicable Diseases, Michigan Medicine
2017-present	Moral Distress Rounds - Pediatric Intensive Care Unit - Pediatric Residents, medical students, Emergency Medicine Residents (monthly)
2017-present	Moral Distress Rounds - Newborn Intensive Care Unit - Pediatrics residents, medical students (monthly)
2017-present	"Preventative Ethics" - Case based multidisciplinary discussion - Stable Vent Unit Team - Quarterly Conference

Clinical Track Scholarly Contribution

Clinician-Research Scholar (translational science, clinical research, health services research)

Clinical trial development, patient recruitment, leadership of trial site: - Prepared and submitted IRB for "optimizing cooling" NICU therapeutic hypothermia study (NICHD NRN); recruited study participants to this randomized control trial. - Recruited patients and conducted research intervention for a multicenter randomized control trial of a decision for antenatal counseling at the margin of gestational viability

Clinician-Patient Safety/Quality Innovator

Vermont Oxford Network Quality Improvement Initiative: A Multisystem Approach to Improve Survival Without Morbidity Brandon NICU at C.S. Mott Children's Hospital (specific project/abstract "Golden Hour" initial stabilization of ELBW infants); Abstract presented at 2015 VON conference

Vermont Oxford Quality Improvement Initiative (iNICQ 2013 - Neonatal Abstinence Syndrome): Pod 1 Identification of the at risk infant and family; specific project: neonatology antenatal consultation

Vermont Oxford Quality Improvement Initiative: Choosing antibiotics wisely; Specific project: Reduction in Days of Therapy of Vancomycin in NICU Infants at C.S. Mott Children's Hospital (Abstract accepted for Poster presentation and 'whistle stop' 2017 VON conference, Chicago, IL)

Committee and Administrative Services

Committee Services

National

2014-2016	Pediatric Academic Societies Bioethics Interest Group Steering Committee, Member
2016-present	American Academy of Pediatrics Committee on Bioethics, Member/Liason to Section on Bioethics
2016-present	American Academy of Pediatrics Section on Bioethics Executive Committee, Executive Committee Member
2017-present	American Academy of Pediatrics Section on Bioethics "Case of the month" Listserv, Editor

Regional

2017-present	Michigan State Medical Society Bioethics Committee, Member
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Institutional

2010-2014	Pediatric Ethics Committee (P.E.C.) Education Subcommittee, Member
2013-present	University of Michigan Ethics Education Advisory Council, Member
2014-2017	Pediatric Advisory Committee on Equity (PACE), Member
2014-present	Division of Neonatal-Perinatal Medicine Fellow Selection Committee, member
2016-2017	Pediatric Research Symposium Advisory Panel, member
2016	University of Michigan ACGME Clinical Learning Environment Review (CLER) Visit, Core Faculty
2017-present	University of Michigan Department of Pediatrics and Communicable Diseases Committee on Diversity, Equity, and Inclusion, Division "DEI Champion"

Administrative Services

Volunteer

2015	Judge, A2 Ethics, Ann Arbor, MI, Michigan High School Ethics Bowl
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Visiting Professorships and Extramural Invited Presentations

Extramural Invited Presentations

1. The History and Future of Research Ethics in the U.S., Division of Neonatal-Perinatal Medicine, Department of Pediatrics and Communicable Diseases; Child Health Evaluation and Research Unit (CHEAR), September 2008, Ann Arbor, MI

2. The History and Future of Research Ethics in the U.S., Division of Newborn Medicine, Department of Pediatrics, Washington University School of Medicine, November 2008, St. Louis, Missouri
3. The History and Future of Research Ethics in the U.S., Neonatology Hot Topics, C.H.U. Ste. Justine, University of Montreal, November 2008, Montreal, Canada
4. The Prenatal Consultation, Society of Michigan Neonatologists Annual Meeting, September 2013, Howell, Michigan
5. Cleaning up the MESS: Managing Moral, Ethical, and Social Stressors in the NICU, 13th Annual University of Michigan and March of Dimes Neonatal Nursing Symposium, November 2013, Ann Arbor, MI
6. Decision-Making at the Margin of Gestational Viability, 14th Annual University of Michigan and March of Dimes Neonatal Nursing Symposium, October 2014, Ann Arbor, MI
7. Neonatal Ethics Case Studies, Vermont Oxford Network Quality Congress, November 2014, Chicago, IL
8. Decision-Making at the Margin of Gestational Viability: What Do We Know and Why is it So Hard?, Michigan State Medical Society Perinatal Health Conference, May 2015, Dearborn, Michigan
9. Prenatal Consultation, Section of Neonatology, Neonatology Fellows, University of Chicago, November 2015, Chicago, IL
10. What's New at the Margin of Viability?, Michigan State Medical Society Annual Ethics Conference, November 2015, Ann Arbor, MI
11. Perinatal Ethics: Predictions, Counseling, and Decisions, Tulane University School of Medicine Department of Pediatrics Grand Rounds, September 2016, New Orleans, LA
12. Ethics and Epidemiology in the Newborn Intensive Care Unit: What's New at the Margin of Gestational Viability, Tulane University Department of Obstetrics and Gynecology Grand Rounds, September 2016, New Orleans, LA
13. Women, fetuses, and neonates: Practical Approaches when Specialties Overlap, Tulane University School of Medicine 3rd Ob-Gyn Students, September 2016, New Orleans, LA
14. Life and Death in the Newborn Intensive Care Unit: A Bioethicist's Perspective, Southeastern Michigan Association of Neonatal Nurses, May 2017, Ann Arbor, Michigan

Other

1. Prognosticating for Severely Impaired Newborns: Guidelines for Prognostication and End-of-Life Decision-Making for Newborns with Severe Neurologic Damage, University of Michigan Bioethics Grand Rounds, April 2011, Ann Arbor, MI
2. Ethics and Epidemiology in the Newborn Intensive Care Unit: What's New at the Margin of Viability, University of Michigan Department of Obstetrics and Gynecology Grand Rounds, October 2011, Ann Arbor, MI
3. Ethics and Epidemiology in the Newborn Intensive Care Unit: What's New at the Margin of Viability, University of Michigan Department of Pediatrics Grand Rounds, April 2012, Ann Arbor
4. Treating Friends and Family Members: Considerations for Physicians, University of Michigan Department of Family Medicine Grand Rounds, October 2013, Ann Arbor, MI
5. Treating Friends and Family Members: Considerations for Physicians, University of Michigan Department of Obstetrics and Gynecology Grand Rounds, November 2014, Ann Arbor, MI
6. Session Chair: Bioethics Interest Group; Research Ethics and Response to NRPM, Pediatric Academic Societies, May 2016, Baltimore, MD
7. Workshop: Complex Antenatal Counseling (co-organizers Stephanie Kukora, Steven Leuthner, Ursula Guillen), Pediatric Academic Societies, May 2017, San Francisco, CA
8. Session Chair: Bioethics Interest Group - Non-Medical Vaccination Waivers, Pediatric Academic Societies, May 2017, San Francisco, CA
9. Futility Revisited: Prudence and "Parental Permission to Stop" - Michigan Medicine Department of Pediatrics and Communicable Diseases Grand Rounds, Michigan Medicine, August 2017, Ann Arbor, MI
10. Ethical Considerations in the Care of the Chronically Mechanically Ventilated Child, University of Michigan Pediatric Home Ventilator Program B-Annual Conference for Community Based Health Care Providers, October 2017, Ann Arbor, MI
11. Perinatal Ethics: Predictions, Counseling, and Decisions, University of Michigan Neonatal Nursing Symposium, November 2017, Ann Arbor, MI

12. Antenatal Consultation, Care coordination, and Simulation for Congenital Heart Disease, University of Michigan Pediatric Grand Rounds, December 2017, Ann Arbor, MI

Bibliography

Peer-Reviewed Journals and Publications

1. Laventhal NT, Dildy 3rd GA, Belfort MA: Fetal tachyarrhythmia associated with vibroacoustic stimulation *Obstet Gynecol* 101(5 SUPPL.): 1116-1118, 2003. PM12738121
2. Desch K, Li J, Kim S, Laventhal N, Metzger K, Siemieniak D, Ginsburg D: Analysis of informed consent document utilization in a minimal-risk genetic study *Ann. Intern. Med.* 155(5): 316-322, 2011. PM21893624
3. Laventhal N, Spelke MB, Andrews B, Larkin LK, Meadow W, Janvier A: Ethics of resuscitation at different stages of life: A survey of perinatal physicians *Pediatrics* 127(5): e1221-e1229, 2011. PM21502232
4. Laventhal N, Constantine M: The Harms of a Duty: Misapplication of the Best Interest Standard *Am J Bioeth* 12(4): 17-19, 2012. PM22452467
5. Laventhal NT, Shuchman M, Sandberg DE: Warning about warnings: Weighing risk and benefit when information is in a state of flux *Horm Res Paediatr* 79(1): 4-8, 2013. PM23364202
6. Hayman WR, Leuthner SR, Laventhal NT, Brousseau DC, Lagatta JM: Cost comparison of mechanically ventilated patients across the age span. *J Perinatol* 35(12): 1020-6, 2015. PM26468935/PMC4821466
7. Kukora S, Laventhal N: Choosing Wisely: Can past medical decisions impact the allocation of scarce ECMO resources? *Acta Paediatr* 105(8): 876-8, 2016. PM27146166
8. Lynema S, Fifer CG, Laventhal NT: Perinatal Decision Making for Preterm Infants with Congenital Heart Disease: Determinable Risk Factors for Mortality. *Pediatr Cardiol* 37(5): 938-45, 2016. PM27037550
9. Kukora S, Laventhal N: Resident Attitudes on Ethical and Medical Decision-Making for Neonates at the Limit of Viability. *Am J Perinatol* 33(5): 449-55, 2016. PM26485248
10. Patrick Myers MD, Naomi Laventhal, M.D; Bree Andrews, M.D., M.P.H; Joanne Lagatta, M.D.; William Meadow, M.D., PhD: Population-Based Outcomes Tools for Counseling at the Margin of Gestational Viability: Use and Perceived Impact *Journal of Pediatrics* 181: 208-212, 2016. 27814911
11. Kukora S, Gollehon N, Laventhal N: Antenatal palliative care consultation: implications for decision-making and perinatal outcomes in a single-centre experience. *Arch Dis Child Fetal Neonatal Ed* 102(1): 12-16, 2016. PM27638112
12. Danziger P, Berman DR, Luckritz K, Arbour K, Laventhal N: Severe congenital anomalies of the kidney and urinary tract: epidemiology can inform ethical decision-making. *J Perinatol*: 2016. PM27467564
13. Kukora S, Gollehon N, Weiner G, Laventhal N: Prognostic accuracy of antenatal neonatology consultation. *J Perinatol* 37(1): 27-31, 2017. PM27684414
14. Laventhal N, Verhagen AA, Hansen TW, Dempsey E, Davis PG, Musante GA, Wiles A, Meadow W, Janvier A: International variations in application of the best-interest standard across the age spectrum. *J Perinatol* 37(2): 208-213, 2017. PM27735929
15. Myers P, Laventhal N, Andrews B, Lagatta J, Meadow W: Population-Based Outcomes Data for Counseling at the Margin of Gestational Viability. *J Pediatr* 181: 208-212.e4, 2017. PM27814911
16. Paul TK, Vercler CJ, Laventhal N: A Dose of Paternalism: How Eliciting Values, Not Amplifying Parental Permission, Can Promote the Interest of Children and Families. *Am J Bioeth* 17(11): 24-26, 2017. PM29111933
17. Gold KJ, Treadwell MC, Mieras ME, Laventhal NT: Who tells a mother her baby has died? Communication and staff presence during stillbirth delivery and early infant death. *J Perinatol* 37(12): 1330-1334, 2017. PM29192693
18. Laventhal N, Rivkees S, Oipari V: Hope vs. caution: Ethical and regulatory considerations for neonatal stem cell therapies. *Pediatr Res*: 2017. PM29244801

Submitted

1. Phoebe Danziger, Maria Skoczylas, Naomi Laventhal: Parental Refusal of Vitamin K and Other Standard-of-Care Prophylactic Newborn Practices (Submitted)
2. Phoebe Danziger, Naomi Laventhal: Prenatal Consultation: Perspectives on Training, Relevance, and Utilization Among Pediatric Subspecialty Program Directors (Submitted)

- Stephanie Kukora, Janice Firm, Patricia Keefer, Naomi Laventhal: Transgressing Moral Imperatives: Ethical Stress, Virtues and Values Conflict in Pediatric Death (Submitted)

Non-Peer-Reviewed Journals and Publications

- Laventhal N, Tarini BA, Lantos J: Ethical Issues in Neonatal and Pediatric Clinical Trials *Pediatr. Clin. North Am.* 59(5): 1205-1220, 2012. PM23036252
- Laventhal NT, Barks JD, Kim SY: Off-label use of therapeutic hypothermia for infants with hypoxic-ischemic encephalopathy. *Virtual Mentor* 14(10): 784-791, 2012. PM23351857
- Trisha Paul, Christian Vercler, Naomi Laventhal: A dose of paternalism: How eliciting values, not amplifying parental permission, can promote the interest of children and families *American Journal of Bioethics*: 2017. (In Press)
- Allen G, Laventhal N: Should Long-Term Consequences of NICU Care Be Discussed in Terms of Prognostic Uncertainty or Possible Harm? *AMA J Ethics* 19(8): 743-752, 2017. PM28846514
- Kukora S, Laventhal N: Rock the Baby, Not the Boat: A Defense of Epidemiology-Based and Values-Based Shared Decision Making at the Margin of Gestational Viability. *Am J Bioeth* 17(8): 16-18, 2017. PM28768124
- Laventhal NT, Treadwell MC: Ethical considerations in the care of complicated twin pregnancies. *Semin Fetal Neonatal Med*: 2017. PM29103877
- Laventhal N, Meadow W: Contemporary and diverse approaches to perinatal ethics. *Semin Fetal Neonatal Med*: 2017. PM29146213

Book Chapters

- Naomi Laventhal, Joanne Lagatta, William Meadow: Initiation of Life Support at The Border of Viability. *Manual of Neonatal Respiratory Care*, S.M. Donn, S.K. Sinha Springer, 2012. 3rd
- Naomi Laventhal, Joanne Lagatta, William Meadow: Initiation of Life Support at the Border of Viability. *Manual of Neonatal Respiratory Care*, S.M. Donn, S.K. Sinha Springer, 2016. 4th
- Naomi T Laventhal, Jonathan M. Fanaroff: Medical Ethics in Neonatal Care (in press). *Fanaroff and Martin's Neonatal-Perinatal Medicine*, Richard J. Martin, Avroy A. Fanaroff, Michele C. Walsh Elsevier, 2018. 11th, 4

Other Media

Editorial comment

- Naomi Laventhal: Comment on Resuscitation of likely nonviable newborns: would neonatology practices in California change if the Born-Alive Infants Protection Act were enforced? Partridge JC, Sendowski MD, Drey EA, Martinez AM. *Pediatrics*. 2009 Apr;123(4):1088-94. For Yearbook in Perinatology, Elsevier, 2009.
- Naomi Laventhal: Comment on Current empirical research in neonatal bioethics; CH Swinton and JD Lantos *Acta Paediatrica* 2010, 99pp1773-1781. For Yearbook in Perinatology, Elsevier, 2010.
- Naomi Laventhal: Comment on Evidence to Inform Decisions About Maternal-Fetal Surgery; KE Hartman et al *Obstetrics and Gynecology*. 2011 May; 117(5):1192-1204. For Yearbook in Perinatology, Elsevier, 2011.
- Naomi Laventhal: Comment on The Prediction and Cost of Futility in the NICU; W Meadow et al, *Acta Paediatrica*. 2011 101 pp 397-4012. For Yearbook in Perinatology, Elsevier, 2012.
- Naomi Laventhal: Comment on "Parents' experiences of information and communication in the neonatal unit about brain imaging and neurologic prognosis: a qualitative study" For Yearbook in Perinatology, Elsevier, 2013.
- Naomi Laventhal: Comment on "Facing Persistent Challenges in Pediatric Decision-Making: New Hastings Center Guidelines" (Berlinger et al). For Yearbook in Perinatology, Elsevier, 2014.
- Naomi Laventhal: Comment on "Ethics and etiquette in neonatal intensive care." Janvier A1, Lantos J2; POST Investigators. *JAMA Pediatr*. 2014 Sep;168(9):857-8. doi: 10.1001/jamapediatrics.2014.527. For Yearbook In Perinatology, Elsevier, 2015.
- Naomi Laventhal: Comment on "Physicians can justifiably euthanize certain severely impaired neonates." J Thorac Cardiovasc Surg. 2015 Feb;149(2):535-7. doi: 10.1016/j.jtcvs.2014.10.027. Epub 2014 Oct 12. Schuklenk U For Yearbook in Perinatology, Elsevier, 2015.

9. Naomi Laventhal: Comment on "End-of-life care in the neonatal intensive care unit: experiences of staff and parents." Cortezzo DE1, Sanders MR2, Brownell EA3, Moss K4. *Am J Perinatol.* 2015 Jul;32(8):713-24. doi: 10.1055/s-0034-1395475. Epub 2014 Dec 17. For Yearbook in Perinatology, Elsevier, 2016.
10. Naomi Laventhal: Comment on "Providing parents with individualised support in a neonatal intensive care unit reduced stress, anxiety and depression." Cano Giménez E1, Sánchez-Luna M1. *Acta Paediatr.* 2015 Jul;104(7):e300-5. doi: 10.1111/apa.12984. Epub 2015 Mar 23. For Yearbook in Perinatology, Elsevier, 2016.

Original contribution

1. Stephanie Kukora, Nathan Gollehon, Naomi Laventhal: Outpatient Prenatal Consultation: Exploring Epidemiology and Outcomes., AAP Section on Bioethics Newsletter, AAP, 2015.
2. Naomi Laventhal: Nice job, mama! How a physician makes breastfeeding work, <http://www.kevinmd.com/blog/2015/10/nice-job-mama-how-a-physician-makes-breastfeeding-work.html>, KevinMD, 2015.
3. Naomi Laventhal: "Just because we can, should we?" and "we're doing things 'to her' not 'for her'", Contribution to "Just an Expression" feature, American Academy of Pediatrics Section on Bioethics Newsletter, 2016.

Other

1. Sara Talpos: Interview in Medicine at Michigan Fall 2017 Issue: Born at the Right Time: An artificial placenta being developed at C.S. Mott Children's Hospital for the treatment of extreme prematurity may one day save thousands of lives., University of Michigan Medical School, 2017.

Abstracts

1. **Naomi Laventhal**, William Meadow: A review of 5 years of clinical medical ethics consults: contrasts between neonatal, pediatric, obstetric, and adult concerns. Poster presentation, Pediatric Academic Societies Annual Meeting, Toronto, Ontario, Canada, 2007.
2. **Naomi Laventhal**, Jennifer Liedel, Melody Taboada, Madelyn Kahana, Shamsur Chowdhury, William Meadow: A simple technique for obtaining consent for future retrospective chart reviews in the ICU – it works great, but is it ethical? Poster presentation, Pediatric Academic Societies Annual Meeting, Toronto, Ontario, Canada, 2007.
3. **Naomi Laventhal**, Jennifer Liedel, Melody Taboada, Madelyn Kahana: Feasibility of blanket consent in creation of a PICU database. Poster presentation, Society of Critical Care Medicine Annual Congress, Orlando, FL, 2007.
4. **Naomi Laventhal**, William Meadow, Jennifer Liedel: Obtaining consent at the time of NICU Admission for future retrospective chart reviews – Likely impact and resource requirements. Poster presentation, Pediatric Academic Societies Annual Meeting, Honolulu, HI, 2008.
5. **Naomi Laventhal**, William Meadow, Bree Andrews, M. Bridget Spelke, Annie Janvier: Ethics of Resuscitation at Different Ages of Life: A Survey of U.S. Neonatologists and Perinatologists. Poster presentation, Pediatric Academic Societies Annual Meeting, Baltimore, MD, Platform Presentation, 2009.
6. Jaideep Singh, **Naomi Laventhal**, M. Bridget Spelke, Bree Andrews: Resuscitation vs. Palliative Care for Infants with Trisomy 13 or 18: A Survey of U.S. Neonatologists. Poster presentation, Pediatric Academic Societies Annual Meeting, Baltimore, MD, 2009.
7. **Naomi Laventhal**, William Meadow, Bree Andrews, M. Bridget Spelke, Annie Janvier: Ethics of Resuscitation at Different Ages of Life: A Survey of U.S. Neonatologists and High-Risk Obstetricians. Poster presentation, University of Chicago Department of Pediatrics Annual Research Symposium, Chicago, IL, 2009.
8. **Naomi Laventhal**, William Meadow, Bree Andrews, M. Bridget Spelke, Annie Janvier: Ethics of Resuscitation at Different Ages of Life: A Survey of U.S. Neonatologists and High-Risk Obstetricians, University of Michigan Department of Pediatrics Annual Research Symposium, Ann Arbor, MI, 2009.
9. Annie Janvier, G Thor Hansen, Pter David, Eduard Verhagen, **Naomi Laventhal**, Gabriel Musante, Olaf Aaslund, Maria Pignotti, Eugene Dempsey: International comparison of triage for critically ill patients: children first, adults and neonates last, Pediatric Academic Societies Annual Meeting, Vancouver, BC, Canada, Platform Presentation, 2010.
10. Annie Janvier, MD, PhD, **Naomi T Laventhal**, MD, Eugene M Dempsey, MD, FRCPI, Peter G Davis, MD, Thor WR Hansen, MD, PhD, Reidun Forde, MD, Gabriel A Musante, MD, Maria S Pignotti, MD, PhD and Eduard AA Verhagen, MD, PhD, JD,: Who's best interests? A ulticultural study of critically ill patients. Poster presentation, Pediatric Academic Societies Annual Meeting, Vancouver, BC, 2010.

11. **Naomi Laventhal**, L. Knoll Larkin, Annie Janvier: Driving the car off the lot: parental autonomy beyond the delivery room. Poster presentation, Pediatric Academic Societies Annual Meeting, Denver, CO, 2011.
12. Karl Desch, **Naomi Laventhal**, Scott Kim, David Ginsburg: How Informed is Informed Consent? Poster Presentation, Pediatric Academic Societies Annual Meeting, Denver, CO, 2011.
13. **Naomi Laventhal**, L Knoll Larkin, Annie Janvier: Personal Preference, Pessimism, and Parental Autonomy: Unique Patterns of Ethical Decision-Making in the Delivery Room. Poster presentation, Pediatric Academic Societies Annual Meeting, Denver, CO, 2011.
14. **Naomi Laventhal**, John Barks, Scott Kim: Ethics of Off-Label Use of Therapeutic Hypothermia in the NICU, University of Michigan Bioethics Colloquium, Ann Arbor, MI, 2011.
15. **Naomi Laventhal**, L Knoll Larkin, Annie Janvier: Personal Preference, Pessimism, and Parental Autonomy: Unique Patterns of Ethical Decision-Making in the Delivery Room. Poster presentation, University of Michigan Department of Pediatrics Annual Research Symposium, Ann Arbor, MI, 2011.
16. **Naomi Laventhal**, Janet Allen, Lisa O'Leary, Corrie Osgood: Case Based Multi-Disciplinary Bioethics Education in the Newborn Intensive Care Unit: Medical Ethics and Social Stress (MESS) Rounds. Poster presentation, University of Michigan Medical Education Day, Ann Arbor, MI, 2011.
17. **Naomi Laventhal**, Kartik Bhatt, Bridget Spelki, Nicole Exe, John Barks: Evolving Use of Therapeutic Hypothermia in US Newborn Intensive Care Units, 7th International Conference on Brain Monitoring and Neuroprotection, Tampa, FL, 2012.
18. **Naomi Laventhal**, Janet Allen, Lisa O'Leary, Corrie Osgood: Multi-disciplinary Case-Based Ethics Education in the Newborn Intensive Care Unit, Pediatric Academic Societies Annual Meeting, Boston, MA, 2012.
19. Scott Schachinger, Robert Schumacher, **Naomi Laventhal**: Prenatal Consultation Quality Improvement: Communication Between Care Providers, Pediatric Academic Societies Annual Meeting, Boston, MA, 2012.
20. Stephanie Kukora, **Naomi Laventhal** : Resident Attitudes Towards Ethical and Medical Decision-Making for Neonates Born at the Limit of Viability, Pediatric Academic Societies, Annual Meeting, Boston, MA, 2012.
21. Stephanie Kukora, **Naomi Laventhal**: Resident attitudes toward ethical and medical decision making for neonates born at the limit of viability, University of Michigan Bioethics Colloquium, Ann Arbor, MI, 2012.
22. **Naomi Laventhal**, Kartik Bhatt, Nicole Exe, John Barks: Evolving utilization of therapeutic hypothermia in U.S. newborn intensive care units - Poster presentation, University of Michigan Pediatric Research Symposium, Ann Arbor, MI, 2012.
23. **Naomi Laventhal**, Miriam Shuchman, David Sandberg: Growth Hormone Therapy for Children with Short Stature, American Society for Bioethics and Humanities Annual Meeting, Atlanta, GA, 2013.
24. Stephanie Kukora, **Naomi Laventhal**: A comparison of nurse and resident attitudes about medical decision-making for extremely preterm neonates - Poster presentation, Pediatric Academic Society Annual Meeting, Washington D.C., 2013.
25. **Naomi Laventhal**, David E Sandberg, Diane Singer, Matthew M Davis: Communications about drug safety: Perceptions and preferences of U.S. parents - Poster presentation, Pediatric Academic Society Annual Meeting, Washington D.C., 2013.
26. **Naomi Laventhal**, David E Sandberg, Diane Singer, Matthew M Davis: Parental preferences surrounding pharmacologic treatment of cosmetic conditions in children - Poster presentation, Pediatric Academic Society Annual Meeting, Washington D.C., 2013.
27. **Naomi Laventhal**, Kartik Bhatt, Nicole Exe, John Barks: Evolving utilization of therapeutic hypothermia in U.S. newborn intensive care units - Poster presentation, Pediatric Academy Society Annual Meeting, Washington D.C., 2013.
28. **Naomi Laventhal**, Diane Singer, Matthew Davis, David Sandberg: Communications About Drug Safety: Perceptions and Preferences of U.S. Parents, University of Michigan Pediatric Research Symposium, Ann Arbor, MI, 2013.
29. Stephanie Lynema, Carlen Fifer, **Naomi Laventhal**: Outcomes of Premature Neonates with Critical or Moderately Severe Congenital Heart Disease, University of Michigan Research Symposium, Ann Arbor, MI, 2013.
30. Stephanie Kukora, **Naomi Laventhal**: Choosing wisely: using part medical decisions in allocating scarce ECMO resources, American Society for Bioethics and Humanities Annual Meeting, San Diego, CA, 2014.

31. Phoebe Danziger, **Naomi Laventhal** : Beliefs, Biases, and Ethical Dilemmas in the Perinatal Counseling and Treatment of Severe Kidney Anomalies: Towards an Interprofessional Model of Care – Poster presentation, American Society for Bioethics and Humanities Annual Meeting, San Diego, CA, 2014.
32. **Naomi Laventhal**, Eduard Verhagen, Annie Janvier: Outsourcing End-of-Life Care in the Newborn Intensive Care Unit (presentation), American Society for Bioethics and Humanities Annual Meeting, Houston, TX, 2015.
33. Stephanie Lynema, Carlen Fifer, **Naomi Laventhal** : Clinical Outcome Data Can Inform Perinatal Decision Making for Preterm Infants With Congenital Heart Disease (poster), Pediatric Academic Societies Annual Meeting, San Diego, CA, 2015.
34. Phoebe Danziger, Deborah Berman, Kaitlyn Arbour, **Naomi Laventhal**: Epidemiology Can Inform Ethical Decision-Making for Severe Congenital Renal and Urinary Tract Anomalies (poster), Pediatric Academic Societies Annual Meeting, San Diego, CA, 2015.
35. Stephanie Kukora, Nathan Gollehon, **Naomi Laventhal**: Prenatal Palliative Care Consultation: Referral Patterns, Perinatal Decision-Making and Outcomes (poster), Pediatric Academic Societies Annual Meeting, San Diego, CA, 2015.
36. Nathan Gollehon, Stephanie Kukora, **Naomi Laventhal**: Prognostic Failure and Decisional Mismatch in Antenatal Neonatology Consultation (presentation), Pediatric Academic Societies Annual Meeting, San Diego, CA, 2015.
37. Patrick Myers, **Naomi Laventhal**, Joanne Lagatta, Bree Andrews, William Meadow: Use and Perceived Impact of Population-Based Outcomes Prediction Tools for Prenatal Counseling at the Margin of Gestational Viability (presentation), Pediatric Academic Societies Annual Meeting, San Diego, CA, 2015.
38. Patrick Myers, **Naomi Laventhal**, Joanne Lagatta, Bree Andrews, William Meadow: Use of Population-Based Outcomes Prediction Tools for Counseling Redirection of Care for Infants at the Margin of Gestational Viability (poster), Pediatric Academic Societies Annual Meeting, San Diego, CA, 2015.
39. **Naomi Laventhal**, Kate Kraft, Christian Vercler: Roman Charity Redux: The Moral Obligations of the Breastfeeding Physician, American Society for Bioethics and Humanities (ASBH) 2016, Washington, D. C., 2016.
40. Stephanie Kukora, **Naomi Laventhal**: Information Transfer vs. Values Exploration: Are Neonatologists Answering the Wrong Questions? (presentation), American Society for Bioethics and Humanities, 2016.
41. Kayte Spector-Bagdady, **Naomi Laventhal**, Janice Firm, Katrina Hauschildt: Unintended Consequences for Providers of Clinical Ethics Consults: Self-Reflection from Ethicist and Clinician Perspective (Panel Session), For American Society for Bioethics and Humanities (ASBH) 2016, Washington, D.C., 2016.
42. Jasmeet Kataria, Sarah Gelehrter, **Naomi Laventhal**: Delivery Room Risk Stratification for Infants with Prenatally Diagnosed Congenital Heart Disease (poster), Pediatric Academic Societies Annual Meeting, Baltimore MD, 2016.
43. **Naomi Laventhal**, Stephanie Kukora: Finding the Center of Values-Based Decisions in Threatened Pregnancies, American Society for Bioethics and Humanities, Kansas City, MO, 2017.
44. Stephanie Kukora, Janice Firm, Christian Vercler, **Naomi Laventhal**: Pivoting Perspectives, Different Centers: Complicated Medical and Ethical Decision Making for an Infant with Trisomy 18 and Congenital Heart Disease (panel session moderator), American Society for Bioethics and Humanities, Kansas City, MO, 2017.
45. Sarah Gelherter Lisa O'Leary, Gail Blakely, Melissa Cantrell, **Naomi Laventhal**: Interdisciplinary Simulations to Optimize the Delivery, Resuscitation, Stabilization, and Transfer of a Newborn Requiring a Time Critical Cardiac Intervention, Joint Conference on Cardiovascular Disease Management, Ann Arbor, MI, 2017.
46. Ursual Guillen, Mackley, **Naomi Laventhal**, Stephanie Kukora, Chirst, Derrick, Batza, Ghavam, Haresh Kirpalani: Randomized controlled trial evaluating the use of a decision aid for parents facing extremely premature delivery, Pediatric Academic Societies Annual Meeting San Francisco, California, 2017.
47. Stephanie Kukora, Janice Firm, Patricai Keefer, **Naomi Laventhal**: Ethical Challenges Faced by Providers in Pediatric Death: A Qualitative Thematic Analysis, Pediatric Academic Societies Annual Meeting, San Francisco, 2017.
48. Phoebe Danziger, **Naomi Laventhal**: Prenatal Consultation: Relevance, Training, and Utilization, Pediatric Academic Societies Annual Meeting, San Francisco, CA, 2017.

49. Phoebe Danziger, Maria Skoczylas, **Naomi Laventhal**: Parental Refusal of Intramuscular Vitamin K and other Standard-of-Care Prophylactic Newborn Practices (Selected for breakout session presentation), Univeristy of Michigan Pediatric Research Symposium, Ann Arbor, MI, 2017.