

## CURRICULUM VITAE

**Name:** Mark R. Mercurio, M.D., M.A.  
Associate Professor of Pediatrics

**Education:** A.B. Biochemical Sciences, Princeton University, 1978  
M.D. Columbia University 1982  
M.A. Philosophy (Concentration in Ethics)  
Brown University, 2004

### Career/Academic Appointments:

7/1982-6/1983 Assistant Resident, Department of Obstetrics and Gynecology  
Yale-New Haven Hospital, New Haven, CT  
7/1983-6/1985 Assistant Resident, Department of Pediatrics  
Yale-New Haven Hospital, New Haven, CT  
7/1985-6/1988 Post-doctoral Fellow, Neonatal-Perinatal Medicine  
Yale University School of Medicine, New Haven, CT  
7/1988-present Attending Neonatologist  
Yale-New Haven Children's Hospital, New Haven, CT  
7/1988-present Attending Neonatologist  
Lawrence and Memorial Hospital, New London, CT  
7/1988-6/1994 Assistant Clinical Professor of Pediatrics,  
Yale University School of Medicine, New Haven, CT  
7/1994-6/2004 Associate Clinical Professor of Pediatrics  
Yale University School of Medicine,  
7/2004-7/2007 Clinical Professor of Pediatrics  
Yale University School of Medicine, New Haven, CT

### Administration Positions:

7/1988-12/2006 Chair - Lawrence & Memorial Hospital Ethics Committee  
7/1988-12/2001 Medical Director, Newborn ICU  
Lawrence and Memorial Hospital  
7/1993-7/1995 Outreach Director, Yale- New Haven Children's Hospital  
7/1998-6/2002 Director of Clinical Education (Fellowship)  
Division of Neonatology, Yale University School of Medicine  
7/1998-present Co-Director, Bioethics Seminar Series, Yale-New Haven  
Children's Hospital  
1/2003-present Director, Medical Ethics Course, Physician Associate Program,  
Yale University School of Medicine

### Certification:

1983 Diplomate, National Board of Medical Examiners  
1987 Diplomate, American Board of Pediatrics  
1989 Certified in Neonatology, American Board of Pediatrics

**Professional Honors:**

- 2002 Named one of Connecticut's Best Physicians by Connecticut Magazine (based on physician survey)
- 1987 Research Award, New England Perinatal Society, for best presentation of research at the annual meeting
- 1985 Chief Resident's Book Award, Yale-New Haven Hospital for teamwork
- 1982 Michael Aranow Memorial Award, Columbia University, 1982, awarded to a student who exemplifies the caring and humane qualities of the practicing physician
- 1978 Graduation cum laude, Princeton University

**Invited Lectures:**

- 5/30/2007 "Ethical Issues at the Edge of Viability" Pediatric Grand Rounds Strong Memorial Hospital, Rochester, NY (scheduled)
- 5/29/2007 "Ethical Issues at the Edge of Viability" Pediatric Grand Rounds Annual Elissa Spinna Lecture, Rochester General Hospital, Rochester, NY (scheduled)
- 11/8/2006 "Ethical Issues in the Care of the Extremely Low Birthweight Newborn" Connecticut Organization of Neonatal Nurses Annual Conference, Plantsville, CT
- 10/23/2006 "Medical Ethics, Death and Dying" Three Rivers Community College, Norwich, CT
- 10/21/2006 "Medical Ethics: Overview and Case Review" Connecticut Association of Peri-operative Registered Nurses, New Britain, CT
- 9/16/2006 "Ethical Issues in the NICU and Beyond" Pediatric Travel Club, Mystic, CT
- 6/13/2006 "The Right to Refuse and the Right to Demand" Pediatrics Grand Rounds, Winthrop University Hospital, Mineola, NY
- 6/7/2006 "Borderline Gestational Age and the Threshold for Resuscitation" Gresham Memorial Lecture, Pediatrics Grand Rounds, Indiana University School of Medicine, Indianapolis, IN
- 5/8/2006 "Medical Ethics for Risk Managers" New England Association of Risk Managers Annual Meeting, Uncasville, CT

- 5/4/2006 “The Right to Refuse and the Right to Demand” Cedars-Sinai Medical Center, Los Angeles, CA
- 4/5/2006 “Advance Directives and End-of-Life Decisions” Westerly Hospital, Westerly, RI
- 3/6/2006 “Parent-Physician Conflict at Borderline Gestational Age” Pennsylvania State University Medical Center, Hershey, PA
- 11/17/2005 “Medical Ethics for Healthcare Leaders” Boone Hospital Center Quarterly Leadership Meeting, Columbia, MO
- 11/17/2005 “Futility, Newborns, and Patient’s Best Interest” Boone Hospital Center and the Walter Johnson Palliative Care Foundation Annual Conference, Columbia, MO
- 5/5/2005 “The Right to Refuse” Griffin Hospital Fourth Annual Ethics Seminar, Derby, CT
- 4/7/2005 “Ethics and Newborn Resuscitation” Current Concepts in Fetal and Neonatal Care. Rhode Island Convention Center, Providence, RI
- 1/18/2005 “Stabilization of the Sick Newborn” Westerly Hospital, Westerly, RI
- 10/27/2004 “Ethics in the NICU: The Right to Refuse” Connecticut Organization of Neonatal Nurses Annual Meeting, West Haven, CT
- 10/23/2004 “The Patient’s Right to Refuse” University of Connecticut Health Center, Farmington, CT
- 9/18/2004 “A Principle-Based Approach to End-of Life Decisions” Italian American Medical Society, Wethersfield, CT
- 9/10/2004 “Ethical Issues in Multiple Gestation” New England Association of Neonatologists Annual Meeting, Marlborough, MA
- 6/23/2004 “The Evolution of the Patient’s Right to Refuse” University of Connecticut Health Center, Farmington, CT
- 3/31/2004 “Perinatal Asphyxia” St. George’s General Hospital, St. George’s, Grenada
- 3/29/04-4/1/2004 “Newborn Resuscitation and Stabilization” St. George’s General Hospital, St. George’s, Grenada
- 9/4/2003 “Ethics and Newborns at the Borderline of Viability” Middlesex Hospital, Middletown, CT

- 12/13/2002 “Withholding and Withdrawing Life Support” St. Francis Hospital, Hartford, CT
- 11/11/2002 “Healthcare Systems and Medical Ethics” Three Rivers Community College, Norwich, CT
- 10/23/2002 “Hypoglycemia in the Newborn” Women & Infants Hospital, Providence, RI
- 7/18/2002 “Newborn Resuscitation” UMED Conference, University of the Philippines, Manilla, Philippines
- 7/17/2002 “Hypoglycemia in the Newborn” UMED Conference, University of the Philippines, Manilla, Philippines
- 5/8/2002 “Ethical Problems and the Newborn” Guest lecturer for undergraduate ethics course at Brown University, Providence, RI
- 2/18/2002 “Fundamental Principles of Medical Ethics” Connecticut College, New London, CT
- 12/14/2001 “Pediatric Grand Rounds” St. Francis Hospital, Hartford, CT
- 10/31/2001 “Medical Futility” Women & Infants Hospital, Providence, RI
- 9/15/2001 “Hospital Ethics Committee Function” New London County Parish Nurses Association, New London, CT
- 6/18/2001 “Newborn Resuscitation” Westerly Hospital, Westerly, RI
- 4/25/2001 “Live Internet Conference on Medical Ethics” Sponsored by Hospital of St. Raphael, New Haven, CT
- 4/29/2000 “Neonatal Resuscitation” Perinatology Conference sponsored by Istanbul University, Antalya, Turkey
- 4/28/2000 “Perinatal Asphyxia” Perinatology Conference sponsored by Istanbul University, Antalya, Turkey

**Professional Service**

**Journal Service**

December 2003 Guest Editor. Seminars in Perinatology

**Professional Organizations**

**American Academy of Pediatrics**

- 2006-present            Section on Bioethics – Executive Committee Member
- 2000-2005            Perinatology Section – Liaison to the Section on Bioethics Executive Committee
  
- 1989-present           Regional Trainer Newborn Resuscitation Program
  
- 1/2000-1/2006        AAP Perinatology Section Liaison to the Section Bioethics Executive Committee

**Yale University Service**

**University Committees**

- 2006-present    Executive Committee Member Interdisciplinary Bioethics Center

**Medical School Committees**

- 2005-2006    Member Medical Humanities Committee

**Department Committees**

- 1994-1999            Co-founder and Medical Editor “Yale Pediatric Update”
- 2003                    Co-chair Pediatric Department Citizenship Committee

**Hospital Boards and Committees**

- 2/2002-present        Co-Chair –Yale-New Haven Children’s Hospital Ethics Committee
- 2/2002-present        Co-Chair - Yale-New Haven Hospital Ethics Committee

**Public Service**

- 9/15/2001            Presentation on Hospital Ethics Committee Function, New London County Parish Nurses Association, New London, CT
  
- 10/28/2002            “Advances in Neonatology” Rotary Society, Westerly, RI
  
- 10/28/2003            “Medical Ethics and Surrogate Decision-Makers” Philanthropic Education Organization, Charlottesville, VA
  
- 1/2006 to present      Town of Old Lyme Ethics Commission

**Description of Activities:** Lectures at Yale and affiliated institutions

- 2/15/2006            “Parent-Physician Conflict at Borderline Gestational Age (and Elsewhere)” Pediatric Grand Rounds, Yale-New Haven Hospital

- 10/1/2005 “The Premature Baby – Ethical Considerations and Developmental Outcomes” Third Annual Yale Pediatric Update, New Haven, CT
- 7/6/2005 “The Right to Refuse” Bridgeport Hospital Pediatric Grand Rounds, Bridgeport, CT
- 6/14/2005 “Ethics in the Newborn ICU” Yale Interdisciplinary Center for Bioethics
- 3/1/2005 “Allowing an Infant to Die: Some ethical considerations” Institute for Social and Policy Studies, Yale University, New Haven, CT
- 2/15/2005 “Medical Futility” Yale Department of Pediatrics Grand Rounds, New Haven, CT
- 11/2/2004 “Defining Death & Organ Donation” Guest lecturer in CSES380, Yale College
- 2/5/2004 “Conflicts Between Medicine and Religion” Guest lecturer in Politics 309b, Yale College
- 11/1/2004 “Defining Death and Organ Donation” Yale College, New Haven, CT
- 4/30/2003 “Cri Du Chat: Management Decisions” Pediatric Grand Rounds, Bridgeport Hospital, Bridgeport, CT
- 2/27/2003 “Conflicts Between Medicine and Religion” Guest lecturer in Politics 309b, Yale College
- 11/14/2001 “Principle-Based Decision-Making at the Edge of Viability” Fortieth Anniversary of Yale-New Haven Hospital Newborn Special Care Unit, Westbrook, CT
- 10/23/2000 “Medical Ethics: Principles and Conflicts” Hospital of St. Raphael, New Haven, CT
- 4/30/2000 “Medical Futility” Pediatric Grand Rounds, Bridgeport Hospital, Bridgeport, CT
- 7/1988 – present Lectures and seminars for the Departments of Pediatrics, Emergency Medicine, Surgery, Obstetrics/Gynecology, Chaplaincy, Nursing, Child Psychiatry as well as frequent participation in Medical Student lectures

**Bibliography:**

**Peer-Reviewed Manuscripts**

1. Fiascone, J.M., H.C. Jacobs, F.R. Moya, **M.R. Mercurio**, D.M. Lima. Betamethasone increases pulmonary compliance in part by surfactant-independent mechanisms in preterm rabbits. *Pediatric Research*, 1987. 22:730-735.
2. Jacobs, H.C., D.M. Lima, J.M. Fiascone, **M.R. Mercurio**. Reutilization of surfactant phosphatidylglycerol and lysophosphatidylcholine by adult rabbits. *Biochem. Biophys. Acta*, 1988, 962:227-233.
3. **Mercurio, M.R.**, J.M. Fiascone, D.M. Lima, H.C. Jacobs. Surface tension and pulmonary compliance in premature rabbits. *J. Appl. Physiol*, 1989, 66:2039.
4. Gladstone I.M., **M.R. Mercurio**, S.G. DeVenny, H.C. Jacobs. Antenatal steroids, postnatal surfactant, and pulmonary function of premature rabbits. *J. Appl. Physiol.*, 1989, 67:1377-1382.
5. Gladstone, I.M., A.O. Ray, C.M. Salafia, J. Perez-Fontan, **M.R. Mercurio**, H.C. Jacobs. Surface tension and pulmonary function in term and preterm lambs. *J. Appl. Physiol.*, 1989, 66:2039-2044.
6. Fiascone, J.M., **M.R. Mercurio**, D.M. Lima, H.C. Jacobs. Corticosteroids and intratracheal surfactant both alter the distribution of intratracheally administered radiolabelled phosphatidylcholine in the preterm rabbit. *Exp. Lung Res.*, 1990, 16:311-321.
7. Ladd, R.E., and **M.R. Mercurio**. Deciding for neonates: Whose authority? Whose interests? *Seminars in Perinatology*, 2003, 27(6):488-494.
8. **Mercurio, M.R.** The Conscientious Practice Policy: A futility policy for acute care hospitals. *Connecticut Medicine*, 2005, 69(7):417-419.
9. **Mercurio, M.R.** Physicians' Refusal to Resuscitate at Borderline Gestational Age. *Journal of Perinatology*, 2005, 25(11):685-689.
10. **Mercurio, M.R.** Parental Authority and Refusal of Resuscitation at Borderline Gestational Age. *Journal of Perinatology*, 2006, 26:452-457.
11. Lambert, E., J. Dziura, L. Kauls, **M. Mercurio**, R. Antaya. Yellow Nail Syndrome in three siblings: A randomized double-blind trial of topical Vitamin E. *Pediatric Dermatology*, 2006, 23(4):390-395.

### Case Reports, Technical Notes, Letters

1. Markowitz, RI, **M.R. Mercurio**, G.A. Vahjen, I. Gross, R.J. Touloukian, Congenital lobar emphysema: The roles of CT and V/Q scan. *Clinical Pediatrics*, 1989, 28:19.
2. **Mercurio, M.R.** Treatment decisions for seriously ill newborns. *JAMA*, 2000. 283:2237-2238. (letter)

3. **Mercurio, M.R.** Medical Ethics Training for Pediatrics Residents and Fellows. Yale Pediatric Update, June 2000.
4. **Mercurio, M.R.** The Ongoing Dilemma of Premature Newborns at the Edge of Viability: Why we're still confused. American Academy of Pediatrics Section on Bioethics Newsletter, February 2003.
5. **Mercurio, M.R.** Outcomes and Decisions at the Edge of Viability. Yale Pediatric Update. Sept 2003 Vol. 9(3):1-2.
6. **Mercurio, M.R.** Commentary: The Groningen Protocol for Euthanasia of Severely Ill Newborns. AAP Grand Rounds July 2005, Vol. 14, No. 1.

### **Reviews, Chapters, Books**

1. Ehrenkranz, R.A. and **M.R. Mercurio**. Bronchopulmonary Dysplasia. In Effective Care of the Newborn Infant, eds. J. Sinclair and M. Bracken, Oxford University Press, 1992,
2. Jacobs, H.C, **M.R. Mercurio**. Perfluorocarbons in the Treatment of Respiratory Distress Syndrome. *Seminars in Perinatology*, 1993, 17:295-302.
3. **Mercurio, M.R.** Persistent pulmonary hypertension of the newborn: Changes in management over the past decade. *Yale Pediatric Update*, 1995, 2(1):1-3.
4. **Mercurio, M.R**, R.A. Ehrenkranz. Infants of Diabetic Mothers. In Therapy for Diabetes Mellitus and Related Conditions, ed. H.E. Lebovitz, American Diabetes Association, 1998.
5. **Mercurio, MR**, R.A. Ehrenkranz,. Infants of Diabetic Mothers. In Therapy for Diabetes Mellitus and Related Conditions, ed. HE Lebovitz, American Diabetes Association, 2004.
6. **Mercurio, M.R.** Ethical Issues in Obstetrics In Medical Complications During Pregnancy, 6<sup>th</sup> edition, eds. Burrow, Duffy and J. Copel, Elsevier Science Publishers, Philadelphia, 2004.

### **Papers in press**

N/A