

December 2009

Douglas John Opel, M.D., M.P.H.
Curriculum Vitae

PERSONAL DATA

Date of Birth: May 12, 1974
Place of Birth: Rochester, Minnesota
Citizenship: USA

CONTACT INFORMATION

Treuman Katz Center for Pediatric Bioethics
Center for Clinical and Translational Research
Seattle Children's Hospital Research Institute
1900 Ninth Avenue
Seattle, Washington 98101
(206) 987-6894
douglas.opel@seattlechildrens.org

EDUCATION

1996 B.S. (Biology and Philosophy), Duke University
Durham, North Carolina

2002 M.D., University of Chicago Pritzker School of
Medicine
Chicago, Illinois

2009 M.P.H., Health Services/Health Policy and Research,
University of Washington School of Public Health
Seattle, Washington

POSTGRADUATE TRAINING

2002-2005 Pediatric Resident
University of Washington School of Medicine
Seattle, Washington

2005-2006 Chief Pediatric Resident
University of Washington School of Medicine
Seattle, Washington

2006-2009 Fellow

Division of Bioethics, Department of Pediatrics
University of Washington School of Medicine
Seattle Children's Hospital
Seattle, Washington

FACULTY POSITIONS HELD

2006-2009 Acting Instructor
Department of Pediatrics
University of Washington School of Medicine
Seattle, Washington

2009- Acting Assistant Professor
Department of Pediatrics
University of Washington School of Medicine
Seattle, Washington

HOSPITAL POSITIONS HELD

2004-2006 Neonatal Ground Transport Physician
University of Washington
Seattle Children's Hospital
Seattle, Washington

2005-2009 Urgent Care Physician
Emergency Department
Seattle Children's Hospital
Seattle, Washington

2006-2009 Attending Physician
Pediatric Care Center, Roosevelt Clinic
University of Washington Medical Center
Seattle, Washington

2007-2009 Attending Physician
Level I and II Newborn Nursery
University of Washington Medical Center
Seattle, Washington

2009- Attending Physician
Inpatient Medicine
Seattle Children's Hospital
Seattle, Washington

HONORS

1993	Phi Eta Sigma Freshman Honor Society, Duke University
1994	Golden Key National Honor Society, Duke University
1996	Magna Cum Laude, Duke University
1996	Howard Hughes Chemistry Student Research Award
2002	Top 25% of 2002 Graduating Class, University of Chicago Pritzker School of Medicine
2005	Award of Excellence in Healthcare Quality, Qaulis Health, for "A Multidisciplinary Parental Nutrition Ordering Model"
2006	National Association of Children's Hospitals and Related Institutions (NACHRI) Spring Conference Quality Improvement and Patient Safety Poster Winner

BOARD CERTICATION

2005	General Pediatrics, American Board of Pediatrics
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CURRENT LICENSE TO PRACTICE

2005	State of Washington, #MD00045369
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PROFESSIONAL ORGANIZATIONS

2002-	American Academy of Pediatrics
2006-	American Society for Bioethics and Humanities
2009-	Academic Pediatric Association

TEACHING RESPONSIBILITIES

2006-2009	General Pediatrics Outpatient Attending, University of Washington School of Medicine: didactic sessions to pediatric residents on various topics in general pediatrics.
2007-	Pediatric Resident Ethics Journal Club, Seattle Children's Hospital

- 2007- Medically Complex Child Inpatient Pediatric Service, Seattle Children's Hospital: Monthly ethics rounds with pediatrics interns to discuss ethical issues in the care of admitted patients.
- 2008- 3rd Year Medical Student Pediatrics Clerkship lectures on pediatric bioethics, University of Washington School of Medicine (every 8 weeks)
- 2008- Biomedical Research Integrity Series, Group Leader, University of Washington School of Medicine

EDITORIAL RESPONSIBILITIES

Regular Reviewer for *Journal of Pediatrics*, *Archives of Pediatrics and Adolescent Medicine*, *Pediatrics*, *Vaccine*, and *Journal of Clinical Ethics*

SPECIAL NATIONAL RESPONSIBILITIES

- 2006-2007 Member, Steering Committee, Pediatric Ethics Advisory Group, American Society for Bioethics and Humanities
- 2007- Editor, Grants and Fellowships Section, Pediatric Ethics Consortium Website

SPECIAL LOCAL RESPONSIBILITIES

- 2008-2009 Consultant, Research Ethics Consult Service, University of Washington School of Medicine
- 2007- Faculty Participant, Second Year Resident Annual Retreat, Seattle Children's Hospital
- 2007- Leader, Working Group on Human Participant Protection in Quality Improvement Projects, Seattle Children's Hospital
- 2007- Cultural Consultation Committee, Seattle Children's Hospital
- 2006- Coordinator, Bioethics Seminar Series, Treuman Katz Center for Pediatric Bioethics, Seattle Children's Hospital

2006-	Consultant, Clinical Ethics Consult Service, Seattle Children's Hospital
2006-	Pediatric Resident Advisor, University of Washington, Seattle, Washington
2005-	Ethics Committee, Seattle Children's Hospital
2005-2006	Institutional Review Board, University of Washington, Seattle, Washington
2005-2006	Quality Improvement Leadership Committee, Seattle Children's Hospital
2002-2006	Residency Committee, University of Washington, Seattle, Washington

RESEARCH FUNDING

Development of a Questionnaire to Identify Vaccine-Hesitant Parents, Seattle Children's Research Institute – Center for Clinical and Translational Research

Role: Principal Investigator

Grant Period 9/1/09 – 8/30/10

This grant supports pilot work to develop a research tool to identify vaccine-hesitant parents, which will inform an intervention aimed at improving childhood immunization rates.

Promoting Pediatric Bioethics in Health Care and Research, HRSA Grant H1SMC06346

Role: Research

Grant Period 9/1/05-2/28/07

This grant supports the development, implementation and evaluation of a pediatric bioethics education program and a patient advocate in research program.

Principal Investigator: Douglas Diekema, MD, MPH.

Statewide Initiative to Disseminate an End-of-Life Curriculum, NCI Grant 5R25CA098467-02

Role: Consultant

Grant Period 9/1/05-8/31/07

This grant supports the development, pilot test, evaluations, and dissemination of an innovative, high quality multi-disciplinary curriculum on end-of-life cancer care, with the intent of improving the care of patients with terminal cancer.

Principal Investigator: Michael Wilkes, MD.

BIBLIOGRAPHY

Manuscripts in Refereed Journals:

1. Han X, Kobzik L, Zhao YY, Opel DJ, Liu WD, Kelly RA, Smith TW. Nitric oxide regulation of atrioventricular node excitability. *Canadian Journal of Cardiology* 1997; 13(12): 1191-201.
2. Zhao YY, Sawyer DR, Baliga RR, Opel DJ, Han X, Marchionni MA, Kelly RA. Neuregulins promote survival and growth of cardiac myocytes: persistence of ErbB2 and ErbB4 expression of neonatal and adult ventricular myocytes. *Journal of Biological Chemistry* 1998; 273(17): 10261-69.
3. Han X, Kubota I, Feron O, Opel DJ, Arstall MA, Zhao YY, Huang P, Fishman MC, Michel T, Kelly RA. Muscarinic cholinergic regulation of cardiac myocyte I_{Ca-L} is absent in mice with targeted disruption of endothelial nitric oxide synthase. *Proceedings of the National Academy of Sciences, USA* 1998; 95(11): 6510-15.
4. Feron O, Dessy C, Opel DJ, Arstall MA, Kelly RA, Michel T. Modulation of the endothelial nitric oxide synthase-caveolin interaction in cardiac myocytes: implications for the autonomic regulation of heart rate. *Journal of Biological Chemistry* 1998; 273(46): 30249-54.
5. Kubota I, Han X, Opel DJ, Zhao YY, Baliga R, Huang P, Fishman MC, Shannon RP, Michel T, Kelly RA. Increased susceptibility of triggered activity in myocytes from mice with targeted disruption of endothelial nitric oxide synthase. *Journal of Molecular and Cellular Cardiology* 2000; 32(7): 1239-48.
6. Opel DJ, Lundin DA, Stevenson KL, Klein EJ. Glass foreign body in the spinal canal of a child: case report and review of the literature. *Pediatric Emergency Care* 2004; 20(7): 468-72.
7. Opel DJ, Diekema DS. The Case of A.R.: The Ethics of Sibling Donor Bone Marrow Transplantation Revisited. *Journal of Clinical Ethics* 2006; 17(3): 207-219.
8. Opel DJ, Shugerman R, McPhillips H, Swanson WS, Archibald S, Diekema DS. Professionalism and the Match: A Pediatric Residency Program's Postinterview No-call Policy and its Impact on Applicants. *Pediatrics* 2007; 120: e826-831.
9. Opel DJ, Diekema DS, Marcuse EK. A Critique of Criteria for Evaluating Vaccines for Inclusion in Mandatory School Immunization. *Pediatrics* 2008; 122(2):e504-510.
10. Opel DJ, Diekema DS, Lee NR, Marcuse EK. Social Marketing as a Strategy to Increase Immunization Rates. *Archives of Pediatric and Adolescent Medicine* 2009; 163(5): 432-437.

11. Opel DJ, Wilfond BS, Brownstein D, Diekema DS, Pearlman RA. Characterisation of Organisational Issues in Paediatric Clinical Ethics Consultation: A Qualitative Study. *Journal of Medical Ethics* 2009; 35: 477-482.

12. Opel DJ, Brownstein D, Diekema DS, Wilfond BS, Pearlman RA. Integrating Ethics and Patient Safety: The Role of Clinical Ethics Consultants in Quality Improvement. *Journal of Clinical Ethics* 2009; 20:220-7.

Book Chapters:

None.

Published Books, Videos:

None.

Manuscripts in Non-Refereed Journals:

1. Opel DJ, Wilfond BS. Cosmetic Surgery in Children with Cognitive Disabilities: Who Benefits? Who Decides? *Hastings Center Report* 2009; 39(1): 19-21.

2. Opel DJ, Marcuse EK. Historical, Legal and Social Aspects of School Vaccine Mandates. *Current Problems in Pediatric and Adolescent Healthcare* 2010: in press.

Manuscripts Submitted to Refereed Journals:

Refereed Abstracts:

1. Han X, Opel DJ, et al. Targeted disruption of eNOS impairs muscarinic cholinergic regulation of I_{Ca-L} in murine ventricular myocytes. *Circulation* 1997; Supp 96(8): I-170.

PRESENTATIONS (since 2006)

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| 2006 | “Eliminating Opportunities for Errors: A Multidisciplinary Parenteral Nutrition Ordering Model”
Poster Presentation, National Association of Children’s Hospitals and Related Institutions 2006 Spring Conference, Arlington, Virginia |
| 2006 | “The Ethics of Sibling Donor Bone Marrow Transplantation” |

- Paper Presentation, North Pacific Pediatric Society
172nd Conference, Vancouver, British Columbia
- 2006 “Professionalism and the Match”
Poster Presentation, Association of Pediatric Program
Directors Annual Spring Meeting, San Francisco,
California
- 2006 “Is There a Doctor on Board? Ethical and Legal
Obligations of Physicians in Non-Medical Settings”
Lecture, Pediatric Resident Conference, University of
Washington
- 2007 “Ethical Dilemmas as Sentinel Events: What Ethics
Committees Can Learn From the Quality
Improvement Movement”
Paper Presentation, Department of Pediatrics
Fellows’ Research Day, University of Washington
- 2007 “Ethical Dilemmas Involving Hospitalized Foster Care
Children: Can We Improve the Quality of Their Care?”
Lecture, Foster Care Assessment Program Seminar
Series, Children’s Hospital and Regional Medical
Center, University of Washington
- 2007 “The Ethics of Quality Improvement: Provider
Obligation and the Role of External Oversight”
Presentation, Pediatric Academic Society Annual
Meeting, Quality Improvement Special Interest Group,
Toronto, Ontario
- 2007 “Truthfulness in the Physician-Patient Relationship”
Lecture, Pediatric Resident Conference, University of
Washington
- 2007 “Ethical Dilemmas as Sentinel Events: A Case Study
in Using Ethics Consultation as a Quality
Improvement Process”
Paper Session: Ethics, Quality Improvement, and
Health Care; American Society for Bioethics and
Humanities 9th Annual Meeting
- 2008 “Provider-Patient Boundaries: A Juncture of Ethics,
Professionalism, and Child Abuse”

Presentation, Monthly Patient Safety Conference,
Children's Hospital and Regional Medical Center,
University of Washington

- 2008 "Bioethics and Quality of Care: Characterizing
Organizational Issues in Pediatric Clinical Ethics
Consultation"
Presentation, Health Care and Population Research
Seminar, Department of Health Services, University of
Washington School of Public Health
- 2008 "Characterization of Organizational Issues in Pediatric
Clinical Ethics Consultation"
Presentation, Fellows Research Day, Seattle
Children's Hospital Research Institute
- 2008 "Characterization of Organizational Issues in Pediatric
Clinical Ethics Consultation"
Paper Session: Pediatric Research and Ethics
Consultation; American Society for Bioethics and
Humanities, 10th Annual Meeting
- 2008 "What is Being Documented in Clinical Ethics Consult
Notes? Not Ethics!"
Poster Presentation, American Society for Bioethics
and Humanities, 10th Annual Meeting
- 2009 "Organizational Roots of Clinical Cases"
Panel Session: Improving Ethics Quality in Health
Care; American Society for Bioethics and Humanities,
11th Annual Meeting, Washington, D.C.