## Benjamin Simon Wilfond MD June 2019

#### **CONTACT INFORMATION**

Treuman Katz Center for Pediatric Bioethics, 1900 Ninth Avenue, M/S: JMB-6, Rm 683, Seattle, WA 98101; 206-884-8355, bwilfond@u.washington.edu

**PERSONAL DATA** 

Place of Birth: Washington DC
Date of Birth November 19, 1959

**EDUCATION** 

1977-1981 BS with Honors in Philosophy and Biology

Muhlenberg College

Allentown, PA

1981-1985 MD

**New Jersey Medical School** 

**Rutgers University** 

(formerly College/University of Medicine and Dentistry of New Jersey)

Newark, NJ

**POST-GRADUATE TRAINING** 

1985-1988 Residency

Department of Pediatrics

University of Wisconsin Hospital and Clinics

Madison, WI

1988-1991 Fellowship

Division of Pulmonology and Cystic Fibrosis, Department of Pediatrics

Program in Medical Ethics, Department of History of Medicine and Bioethics

University of Wisconsin School of Medicne and Public Health

Madison, WI

FACULTY POSITIONS HELD University of Wisconsin

1991-1992 **Instructor** 

**Department of Pediatrics** 

School of Medicne and Public Health

**University of Arizona** 

1992-1998 Assistant Professor

Department of Pediatrics College of Medicine

1998 **Associate Professor** (with tenure)

Department of Pediatrics College of Medicine

**NIH Clinical Center** 

1998-2006 Head

Section on Ethics and Genetics Department of Bioethics

**National Human Genome Research Institute** 

1998-2000 **Co-Director** 

Office of Bioethics and Special Populations Research

Office of the Clinical Director

2000-2003 Head

Bioethics Research Section Medical Genetics Branch

2003-2006 Head

**Bioethics and Social Policy Unit** 

Behavioral and Social Research Branch

**Johns Hopkins University** 

1998-2006 Visiting Associate Professor

**Department of Pediatrics** 

School of Medicine

2003-2006 Adjunct Associate Professor

Department of Health, Behavior and Society

Bloomberg School of Public Health

**University of Washington** 

2006-2018 Professor and Chief

Division of Bioethics Department of Pediatrics School of Medicine

2018-present Professor and Chief

Division of Bioethics and Palliative Care

Department of Pediatrics School of Medicine

2006-present **Professor** 

Division of Pulmonary and Sleep Medicine

Department of Pediatrics

School of Medicine

2006-present Adjunct Professor

Department of Bioethics and Humanities

School of Medicine

2008-present Faculty

Institute for Public Health Genetics

School of Public Health

#### **Hospital Positions Held**

**Current Medical Staff Appointments** 

2006 - present Seattle Children's Hospital

2006 - present University of Washington Medical Center

2006 - present Harborview Medical Center

**HONORS AND AWARDS** 

1979 Alpha Psi Omega (theatre)

Muhlenberg College

1980 Omnicron Delta Kappa (leadership)

Muhlenberg College

1996 Faculty Fellowship

Udall Center for Studies in Public Policy, University of Arizona

1999 National Institutes of Health Award of Merit

"Outstanding efforts in establishing and organizing the operation of an

IRB for the NHGRI", National Human Genome Research Institute

2001 National Institutes of Health Award of Merit

"Outstanding job of organizing a monthly ethics case conference for the

NHGRI Intramural Program", National Human Genome Research

Institute

2003 Distinguished Alumni Award

**New Jersey Medical School** 

2004 Alpha Omega Alpha

**New Jersey Medical School** 

2006 Distinguished Alumni Award

University of Medicine and Dentistry of New Jersey

2006 American Pediatric Society

2010 Fellow

**Hastings Center** 

2017 Alumni Achievement Award in Medicine-Bioethics

Muhlenberg College

**BOARD CERTIFICATION** 

1992 - present Sub-Board of Pediatric Pulmonology #371

(MOC Cycle 12/14/2013 - 12/20/2018)

1989 - present American Board of Pediatrics #417

(MOC Cycle 12/14/2013 - 12/20/2018)

## **CURRENT LICENCES TO PRACTICE**

2006 - present State of Washington # MD00046647 1998 - present State of Maryland # D54108 (inactive)

1992 - present State of Arizona #20606

## **TEACHING RESPONSIBLITIES**

## (a) Undergraduates, Medical Students, Law Students, Pharmacy Students

## 1. Table of University of Arizona School of Medicine Courses Taught

Course	Title	Credits	Year(s)	Students	Responsibility
MED	Social and Behavioral Sciences	10 hour	1994-1998	120	Module Coordinator
505		module			
Gen	Medical Ethics	1	1995-1998	10-15	Course Director
512					

2. Table of UW School of Medicine Courses Taught

Course	Title	Credits	Year(s)	Students	Responsibility
HUBIO	Cases in Clinical	1	2009	200	Lectures on ethical issues in
548	Ethics		2012		pediatrics and ethical issues
			2013		in clinical research
			2014		
PEDS 665	Clinical Clerkship	Up to 24	2008-	5-10	1-2 lecture each year
			present		
MEDSC52	Ecology of Health &		2018		Discussion group leader on
5	Medicine				cases related to diversity

## 3. Table of UW Law School Courses Taught

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Title	Credits	Year(s)	Students	Responsibility
Topics in Law and	1-4	2011	15-20	Lecture on growth
Medicine				attenuation in children
Legal, Ethical &	3	2011	15-20	Lecture on genetic testing
Social Issues In				in children
Public Health				
Genetics				
	Title Topics in Law and Medicine Legal, Ethical & Social Issues In Public Health	Title Credits  Topics in Law and Medicine  Legal, Ethical & 3  Social Issues In Public Health	Topics in Law and 1-4 2011  Medicine  Legal, Ethical & 3 2011  Social Issues In Public Health	Title Credits Year(s) Students  Topics in Law and Medicine 1-4 2011 15-20  Legal, Ethical & 3 2011 15-20  Social Issues In Public Health

## 4. Table of UW Arts and Sciences Courses Taught

Course	Title	Credits	Year(s)	Students	Responsibility
ВН	Ethical Issues in Modern	3	2009, 2010	100	Lecture on enhancements in
311	Medicine		2011, 2012		children
			2013, 2014		
			2015, 2016		
			2017,2018		
ВН	Topics in Bioethics &	2	2016, 2017	60	Lecture on ethics in clinical
201	Humanities		2018		trials

## 5. Table of UW Pharmacy Courses Taught

Course	Title	Credits	Year(s)	Students	Responsibility
PHRMRA	Advanced Medical	2	2010	70	Lecture on ethics in clinical
554	Products Regulation				trials
PHRMRA	Introduction to	3	2016	70	Lecture on ethics in clinical
524	Clinical Trials				trials

(b) Subspecialty fellows

UNIVERSITY OF ARIZONA

1992-1998 Supervise Pediatric Pulmonary Fellows (Inpatient and Outpatient)

JOHNS HOPKINS UNIVERSITY

1998-2006 Supervise Pediatric Pulmonary Fellows (Outpatient Clinic)

NIH CLINICAL CENTER

1998-2006 Supervise Bioethics Fellows (Bioethics Consult Service)

SEATTLE CHILDRENS HOSPITAL

2006-present Supervise Bioethics Fellows (Bioethics Consult Service)

Supervise Pediatric Pulmonary Fellows (Outpatient Clinic)

(c) Trainees

**Dissertation Committees** 

1997 Greg Loeben (PhD)

"Medical Futility and the Goals of Medicine"

Department of Philosophy University of Arizona

1999 Sara Hull (PhD)

"Sickle Cell Disease, Cystic Fibrosis, And Reproduction: A Qualitative Study of

Affected Adults and Health Care Provider Perspectives"

Program in Law, Society and Ethics Johns Hopkins School of Public Health

2001 Lois Loescher (PhD)

"Perceived Risk of inherited susceptibility to cancer"

College of Nursing University of Arizona

2003 Elizabeth Lardy (MSc)

"Genetic Counselors' Descriptions of Down Syndrome""

Department of Health Behavior and Society

Johns Hopkins School of Public Healt

2004 Delphine Blain (MSc) (Thesis Advisor)

"Adoption of the 2001 ACOG Guidelines for Cystic Fibrosis Carrier Screening by

Obstetricians"

Department of Health Behavior and Society Johns Hopkins School of Public Health

2005 Danielle Dong (MSc) (Thesis Advisor)

"Causal Attributions and Perceived Personal Control in Caregivers of Children with an

Autistic Spectrum Disorder"

Department of Health Behavior and Society Johns Hopkins School of Public Health

2006 Meredith Weaver (MSc)

"Genetic counselors engaging in advocacy" Department of Health Behavior and Society Johns Hopkins School of Public Health

2006 Kate Reed (MSc) (Thesis Advisor)

"Genetic Susceptibility Information as a Cue to Action: Impact of Risk Information

Source on Perceived Motivation for Behavior Change"

Department of Health Behavior and Society Johns Hopkins School of Public Health

2005 Ingrid Burger (PhD)

"Radiologist attitudes about whole body CT Scanning"

Program in Law, Society and Ethics Johns Hopkins School of Public Health

2007 Rachel Jacobson (MSc)

"Moral Value Conflicts Among Genetic Counselors"

Department of Health Behavior and Society Johns Hopkins School of Public Health

2008 Aaron Goldenberg (PhD)

"Newborn screening and public policy"

**Department of Bioethics** 

Case-Western Reserve University

2010 Alison Archibald (PhD)

"Exploration of view about population genetic carrier screening for fragile X

syndrome"

**Laboratory and Community Genetics** 

University of Melbourne

2011 Marilyn Hair (MPH)

"Take Up Your Bed and Walk: A Case Study of Adolescent

Health Transition in a Cystic Fibrosis Care Center

Institute for Public Health Genetics

University of Washington School of Public Health

2011 Mitzi Murray (MA)

"Returning research results in children with monogenetic diabetes"

Department of Bioethics and Humanities University of Washington School of Medicine

2012 Jen Guon JD (MA)

"Continuing Pregnancy After a Prenatal Trisomy 13-18 Diagnosis: An Examination of Care, Disability, and Parental Perspectives"

Department of Bioethics and Humanities University of Washington School of Medicine

2014 Tracy Brazg (MA)

"Clinical ethics consultation and advocacy"
Department of Bioethics and Humanities

University of Washington School of Medicine

2015 Holly Peay (PhD)

"Community-engaged approaches to explore research priorities in Duchenne an

Becker muscular dystrophy"

Leiden University

2017 Kristi Klee(MA)

"Ethics consults for disgreements about tracheostomies"

Department of Bioethics and Humanities University of Washington School of Medicine

2017 Leah Kroon (MA)

"Ethical implications of using puberty blocking medications in adolescents with

gender identity issues"

Department of Bioethics and Humanities University of Washington School of Medicine

2014- 2016 Tracy Brazg (PhD)

"Inter-professional education in ethics"

University of Washington School of Social Work

**B.POST DOCTORAL RESEARCH TRAINEES** 

1999-2001 Carol Fruend PhD

2003-2005 Vardit Ravitsky PhD

2006-2009 Doug Opel MD

2009-2010 Stephanya Shear MD

2009-2011 Mitzi Murray MD

2010-2012 Jenn Guon JD

2015-2017 Anita Shah MD

#### (d)Teaching Committees

UNIVERSITY OF ARIZONA

1996-1998 Admissions Committee

Genetic Counseling Graduate Program

JOHNS HOPKINS UNIVERSITY

2001-2006 Executive Committee

**Genetics Counseling Graduate Program** 

National Human Genome Research Institute /Johns Hopkins University

UNIVERSITY OF WASHINGTON

2007-2008 Masters Program Evaluation Committees

Department of Bioethics and Humanities

2013 Ethics and Professionalism Working Group

**Curriculum Renewal Committee** 

2009-present Admission Committee

MA Program

Department of Bioethics and Humanities

**EDITORIAL RESPONISIBILITIES** 

1995-1999 Editorial Board

American Journal of Medical Genetics

2002-2009 Editorial Board

American Journal of Bioethics

2013-Present Editorial Board

Journal of Genetic Counseling

2013-Present Section Co-editor, Challenging Cases in Research Ethics

American Journal of Bioethics

2017-Present Editorial Committee

Hastings Center Report

## **SPECIAL GOVERMENT RESPONPONSIBILITIES**

#### **Canadian Institutes for Health Research**

2017-present Standing Committee on Ethics

**National Institutes of Health** 

1991 Study Section Member

**Cystic Fibrosis Studies** 

National Human Genome Research Institute

1991-1994 Cystic Fibrosis Studies Consortium (Consultant)

National Center for Genome Research

1994 Study Section Member

Studies of Genetic Testing and Counseling for Heritable Cancer Risks

National Human Genome Research Institute

1996 Consensus Development Conference for Genetic Testing for Cystic

**Fibrosis Planning Committee** 

Office of Medical Applications of Research

1994 Study Section Member

**ELSI Proposals** 

**Department of Energy** 

1995-1998 Cancer Genetic Studies Consortium (Consultant)

National Human Genome Research Institute

1998-1999 Working Group on Cystic Fibrosis Educational Materials

National Human Genome Research Institute

2001-2004 Ethics Working Group (Co-Chair)

National Children's Study

	National Institute of Child Health and Development
2001-2012	Data and Safety Monitoring Board Childhood Asthma Research and Education Network (CARE) National Heart Lung and Blood Institute
2002	Study Section Member (Ad Hoc for ELSI proposals) National Heart Lung and Blood Institute
2002-2004	Working Group on Bioethics Literature National Library of Medicine
2005-2006	Medical Sequencing Working Group (ELSI Committee) National Human Genome Research Institute
2007	Ethical Issues in Human Subjects Research Special Emphasis Panel Center for Scientific Review
2007-2012	Data and Safety Monitoring Board Childhood Adenoidectomy Tonsillectomy Study (CHAT) National Heart Lung and Blood Institute
2008-2012	National Children's Study Advisory Committee National Institute of Child Health and Development
2008-2013	*Biobank Working Group Advisory Committee (2010-2013)  *Operations Group (2009- 2013)  *Consultation Working Group(2008-2013) (Chair 2009-2013)  Clinical Research Ethics Key Function Committee  Clinical and Translational Science Award Consortium  National Center for Advancing Translational Science
2008-2013	Pediatric Research Ethics Working Group Clinical and Translational Science Award Consortium National Center for Advancing Translational Science
2008-2013	Scientific Advisory Committee Human Genetic Cell Repository National Institute for General Medical Sciences
2011	Special Emphasis Panel: RFA-HG-11-022, "The Electronic Medical Records and Genomics (eMERGE) Network, Phase II – Pediatric Study Investigators."  National Human Genome Research Institute
2012	Special Emphasis Panel: Centers of Excellence for ELSI Research National Human Genome Research Institute
2014	Societal and Ethical Issues in Research Study Section (ad hoc) Center for Scientific Review
2013-2017	*Steering Committee *Pediatrics Working Group (Chair 2014-2017) *Return of Results Working Group

\*Informed Consent and Governance Working Group Clinical Sequencing Exploratory Research Consortium

National Human Genome Research Institute

2013- present Data and Safety Monitoring Committee

Pediatric pulmonary interventions in muscle weakness

National Heart Lung and Blood Institute

2014-present Clinical Research Ethics Consultation Collaborative (Chair)

(Ad hoc consortium of research ethics consultants at CTSAs)

2015- present Ethics/Regulatory Core, Health Care Systems Research Collaboratory

2016- present Societal and Ethical Issues in Research (SEIR) Study Section

Center for Scientific Review

2016- present Data and Safety Monitoring Committee

Pediatric Adeono-toniselectomy Study (PATS) National Heart Lung and Blood Institute

**Food and Drug Administration** 

1999-2003 Pediatric Advisory Committee of the Anti-Infective Drugs Advisory

Committee (consultant)

1999-2006 Pediatric Ethics Working Group

2003-2004 Ethics Working Group

Newborn Drug Development Initiative

(with National Institute of Child Health and Development)

2008-present Pediatric Ethics Subcommittee, Pediatric Advisory Committee

**Center for Disease Control and Prevention** 

2003 Cystic Fibrosis Newborn Screening Planning Committee

2004 Cystic Fibrosis Newborn Screening Writing Committee

**Health Services Resource Administration** 

2001 Study Section Member

**Newborn Screening Grant Review Committee** 

**Department of Health and Human Services** 

2001-2002 Informed Consent/IRB Working Group (Co-chair)

Secretary's Advisory Committee on Genetic Testing

**SPECIAL PROFESSIONAL ORGANIZATIONAL RESPONSIBILITIES** 

**American Academy of Pediatrics** 

1996-2000 Committee on Bioethics

1997-1999 Working Group on Umbilical Cord Blood Banking (Co-Chair)

1999-2000 Newborn Screening Taskforce

**Association of Bioethics Program Directors** 

2010-2012 Vice President/President Elect

2012-1014 President 2014-2016 Past President

2016-present Chiar, Scholarship and Funding Taskforce

**American Association of Bioethics and Humanities** 

1989-1990 Program Committee

Student Interest Group (Society for Health and Human Values)

2000 Annual Meeting Program Committee

**American College of Medical Genetics** 

2009-2018 Bioethics and Legal Issues Working Group

Newborn Screening Translational Research Network

**American Medical Student Association** 

1983-1984 Board of Trustees

1984-1985 Standing Committee on Bioethics

(Founder and National Coordinator)

**American Society of Human Genetics** 

1992-1995 Subcommittee on genetic testing of children (Chair)

Social Issues Committee

1992-1995 Social Issues Committee

2014- 2015 Pediatric Genetic Testing Working Group

**American Thoracic Society** 

1993-2005 Bioethics Task Force

1998-2001 Genetics, psychosocial, economics, and ethical issues writing group.

Taskforce on Standards of Diagnosis and Management of Individuals

with Alpha-1 Antitrypsin Deficiency

2003-2004 Research Opportunities and Challenges in Pediatric Respiratory

Medicine Writing Group

**Cystic Fibrosis Foundation** 

2003-2006 Gene Modifier Scientific Advisory Committee

2004 Planning Committee

Implementation of CF Newborn Screening Workshop

2000-present Data Safety and Monitoring Committee

(Chair, Sildenafil, Simvastatin, Baby Observations studies)

**Northwest Association for Biomedical Research** 

2009-present Board of Trustees

2010-2014 Co-Chair, Program Committee, Board of Trustees

**Pediatric Academic Societies Meeting** 

2013 Abstract Reviewer for Clinical Bioethics

Other

2003-2005 Bioethics Advisory Board

Wyeth Pharmaceuticals

2003-2006 RJ Fellowship Advisory Board

Muhlenberg College

2007-2017 Bioethics Advisory Committee

March of Dimes

2007-Present Newborn Screening Advisory Committee

Washington State Health Department

**SPECIAL ADVISORY RESPONSIBILITIES** 

2012-2016 Advisory Committee

Parental Expectations, Holly Peay/Parent Project Muscular Dystropy

2012- 2017 Return of Results Committee

NEXTMED, G Jarvik/U Washington

2013- 2017 Advisory Committee

NEXUS, Don Bailey/Research Triangle Institute

2012-2016 Working Group

Disclosing Genomic Incidental Findings in a Cancer Biobank,

Susan Wolf, University of Minnesota

**SPECIAL LOCAL RESPONSIBLITIES** 

**University of Wisconsin** 

1987-1992 Hospital Ethics Committee

University of Wisconsin Hospital and Clinics

1988-1992 Human Subjects Committee

University of Wisconsin Hospital and Clinics

1988-1992 Ethics Committee

Meriter Hospital

**University of Arizona** 

1992-1998 Ethics Committee

**University Medical Center** 

1993-1998 Human Subjects Committee

University of Arizona

1993-1998 Director

Infant Apnea/Bronchopulmonary Dysplasia Program

**University Medical Center** 

1995-1997 Associate Director

Cystic Fibrosis Center

**University Medical Center** 

1997-1998 Co-Director

Cystic Fibrosis Center University Medical Center

1997-1998 Ethics Committee

**Tucson Medical Center** 

1998 Ethics Committee (Chair)

**University Medical Center** 

**National Institutes of Health** 

1998-2005 Institutional Review Board (Associate chair)

National Human Genome Research Institute

1998-2006 Bioethics Consultation Service

**NIH Clinical Center** 

1998 -2006 Ethics Committee

NIH Clinical Center

1999- 2000 Institutional Review Board

National Heart Lung and Blood Institute

2000-2002 Institutional Review Board

National Institute of Child Health and Development

2000-2006 Committee on Scientific Conduct and Ethics

Division of Intramural Research

2003-2006 Deputy Director

**Bioethics Core** 

Office of the Clinical Director

National Human Genome Research Institute

2005-2006 Human Subjects Research Advisory Committee

Division of Intramural Research

2005-2006 Institutional Review Board (chair)

National Human Genome Research Institute

Seattle Children's

2006- 2016 Chief

**Bioethics Consult Service** 

2007-2017 Board of Trustees Quality Committee

2007-2008 Diversity Center Director Search Committee

2009-2011 ID Center Search Committees (Chair)

2013 Diversity and HealthCare Equality Director Search Committee

2006-present Director

Treuman Katz Center for Pediatric Bioethics

2006-present Ethics Committee

2007-present Steering Committee

Center for Clinical and Translational Research

2007-present Center Director Advisory Committee

Seattle Children's Research Institute

## Department of Bioethics and Humanities, University of Washington

2008-2009 Junior Faculty Search Committee (chair)
 2012 -2013 Senior Faculty Search Committee (chair)
 2009-present Masters Program Admission Committee

## **University of Washington School of Medicine**

2013 Ethics and Professionalism Working Group

**Curriculum Renewal Committee** 

2013-2015 Bioethics and Humanities Chair Search Committee

## **Institute for Translational Health Sciences**

2007-2013 Regulatory Support and Bioethics Core (co director)

2009-2013 ITHS Steering Committee (chair)

2007-present Research Bioethics Consult Service (director)
2012-present ITHS Data and Safety Monitor Committee

Chair (2014 –present) Phase III Triiodothyronine Supplementation for

Infants After Cardiopulmonary Bypass

Chair (2012-2015) - Pediatric Leukemia Adoptive Therapy (PLAT)-01: A Phase I Feasibility and Safety Study of Cellular Immunotherapy for Relapsed Pediatric CD19+ Acute Lymphoblastic Leukemia Using Autologous T-cells Lentivirally Transduced To Express a CD19-Specific

Chimeric Antigen Receptor

Chair (2013) Prospective, Randomized, Multiple Site Clinical Trial Comparing the Effectiveness of Novel Pressure Based Insoles to Current

Care For Ulcer Prevention

2016- present Faculty Lead

Regulatory Knowledge and Support Module

# Institute for Public Health Genetics, School of Public Health and Community Medicine, University of Washington

2007-2011 Internal Advisory Committee

2010- 2011 Chair, Internal Advisory Committee

#### RESEARCH FUNDING

#### Active

The Dog Aging Project: Genetic and Environmental Determinants of Healthy Aging in Companion Dogs U19AG057377 NIH/NIA Promislow PI

9/1/18 - 8/31/23

Role: Co-Investigator (5%) \$11,688

Measuring Perceptions of Utility of Clinical Genome Sequencing: Instrument Development and Validation U01HG006485 NIH/NHGRI McGuire PI

9/2018-5/2019

Role: Co-Investigator (3%) \$17,112

"What it means for our family" – Video Decision Supports for Parents Considering Chronic Pediatric Mechanical Ventilation

National Palliative Care Research Center

Boss (PI)

07/2018-06/2020

Role: Co-Investigator (3%)

"Exome Sequencing in Diverse Populations in Colorado and Oregon"

UO1 HG007292 NIH / NHGRI

Goddard /Wilfond MPI

8/1/17 - 5/31/21

Role: Multiple PI with K. Goddard; Subcontract PI (20%) \$2,674,259

"Institute of Translational Health Sciences"

UL1 TR000423- NIH/NCATS

Disis PI

6/1/17-5/31/22

Faculty Lead, Regulatory Support and Knowledge Module and Director, Bioethics Consult Service (10%) \$10,899,655

#### **Past**

"Assessing the impact of videos and comics on knowledge and attitudes about randomization for research on medical practices"

Greenwall Foundation: Making a Difference in Real-World Bioethics Dilemmas Cho/Wilfond MPI 2/2015 to 2/2016

Co-Principal Investigator (5%) \$202,000

<sup>&</sup>quot;Beyond Consent: Patient Preferences for Governance of the Use of Clinical Data and Samples"

R01 LM012180 NIH/NLM Lee (PI)

09/2014-12/2017

Role: Co-Investigator (5%)

"Nurse-Bioethics Liaison Program"

Seattle Children's Hospital Guild Association

Guild Focus Program Wifond PI

10/2014-9/2017

Principal Investigator (8%) \$500,000

"Attitudes about the Ethics of Research on Medical Practices"

UL1 TR000423-07S1 NIH/NCATS Wilfond/Magnus Co-Project Directors/Disis PI

9/2013 to 5/2015

Co-Project Director (10%) \$475,0000

"Clinical Implementation of Carrier Testing using Next Generation Sequencing"

UM1 HG007292 NIH/NHGRI Goddard/Wilfond MPI

06/2013-12/2017

Role: Multi-Principal Investigator (20%)

"Research Ethics Consultation: State of the Art"

VHA National Center for Ethics in Health Care Health IPA Wilfond PI

1/2012 - 3/2012

Principal investigator (5%) \$19,172

"Disclosing Genomic Incidental Findings in a Cancer Biobank: An ELSI Experiment".

R01 CA154517 Peterson/Wolf/Koenig MPI

09/2011-07/2016 Role: Consultant

"Bioethics Consultation Standardization and Data-Sharing"

UL1 RR025014-04S1 NIH/NCRR Wilfond Project Director/Disis PI

9/2010-5/2011

Project Director (15%) \$428,712

"Center for Genomics and Health Care Equality"

P50 HG 003374 NIH/ NHGRI Burke PI

4/2010-3/2015

Co-Investigator (5%) \$45,246 (subcontract)

"Ethical Approaches to Genotype-Driven Research Recruitment"

RC1-HG005787 NHGRI Beskow PI

9/2009 - 9/2011

Co-investigator (12%) \$120,201

"Parental Permission and the Adolescent Assent Process"

HHSN2692009001309 NIH Clinical Center Department of Bioethics Wilfond PI

3/2009-12/2010

Principal investigator (3%) \$29,000

"The Ethical and Policy Implications of Growth Attenuation in Children with Profound Developmental Disabilities"

Greenwall Foundation-Bioethics Award Program

Wilfond/ Miller MPI

1/2008 to 12/2008

Principal Investigator (2.5%) \$40,000

"Institute of Translational Health Sciences"
UL1 RR 025014-01 NIH/NCRR
9/17/2007-5/31/2012

Disis PI

Co-Director, Regulatory Support and Bioethics Core (20%) \$6,513,229

"The Ethical and Policy Implications of Growth Attenuation in Children with Profound Developmental Disabilities"

Walter Chapman Simpson Center for the Humanities B Wilfond PI 1/2008 to 12/2008

Principal Investigator \$17,000

"Monogenic Diabetes in the SEARCH study"
Juvenile Diabetes Research Foundation Research Grant Program

Pihoker PI

11/07 to 11/2008

Investigator (2.5%) \$513,394

"Development of the First Test for Common Cancer Risk in the General Population"

The Doris Duke Charitable Foundation

Feinberg PI

10/2005 to 9/2010

Key Investigator (5%) \$2,083,335

"Social Construction of Benefit in Gene Transfer Research"

R01 HG 002087 National Human Genome Research Institute

Henderson PI

9/1999-12/2006

Co-investigator (no direct support as NHGRI employee) (10%)

"Genetic Screening in Primary Care: Ethics and Policy" R29 HS08570 Agency for Health Care Policy and Research 9/1994- 9/1998

Wilfond PI

Principal Investigator (65%) \$304,230

"Genetic testing for Cancer"

Udall Center for Studies in Public Policy, University of Arizona

1996

**Udall Center Faculty Fellowship** 

"A Phase IV, Multicenter, Study to Monitor the Long-Term Safety and Efficacy of Pulmozyme (dornase alfa) in Cystic Fibrosis Patients Who Participated in a Phase III Study"

Genentech

1994-1996

Site Investigator \$23,400

"Epidemiologic Study of Cystic Fibrosis: A Multicenter, Longitudinal Follow-Up Study of Patients With Cystic Fibrosis for Monitoring Pulmonary Function, Pulmonary Exacerbations, and the Safety of Long-Term Treatment with Pulmozyme (dornase alfa)"

Genentech

1994-1998

Site Investigator \$41,250

"Cystic Fibrosis Heterozygote Detection: Introduction of Genetic Testing into Clinical Practice"

National Center for Human Genome Research

6/1990 -12/1990

Principal Investigator \$6,000 (contract)

"Clinical Fellowship Award" Cystic Fibrosis Foundation

Wilfond PI

1989-1990

Principal Investigator \$31,000

"Between a Rock and a Hard Place: Values, Ethics and the Physician in Training" Squibb Co

Sachs/Wilfond PI

1985

Writer and Executive Producer (video production) \$8,500

#### **PUBLICATIONS**

- A REFEERED JOURNAL ARTICLES
- 1. **Wilfond BS** and Fost N. The CF gene: Medical and social implications of heterozygote detection. *JAMA* 1990 263:2777-2783
- Farrell PM, Mischler EH, Fost NC, Wilfond BS, Tluczek A, Gregg RG, Bruns W, Hassemer DJ, and Laessig RH. Current issues in neonatal screening for cystic fibrosis and implications of the CF gene discovery. *Peds Pulm* Suppl 1991 7:11-18
- 3. **Wilfond BS** and Fost N. Cystic fibrosis carrier screening: The introduction of cystic fibrosis carrier screening into clinical practice: policy considerations. *Milbank Quarterly* 1992 70:629-65
- 4. Lippman A, **Wilfond BS**. "Twice-told tales: stories about genetic disorders. *Am J Hum Gen* 1992 51:36-37
- 5. Gregg RG, **Wilfond BS**, Farrell P, Laxova A, Hassemer D, Mischler E. Application of DNA analysis in a population screening program for neonatal diagnosis of cystic fibrosis; Comparison of Screening Protocols, *Am J Hum Gen* 1993 52:616-626
- 6. **Wilford BS**, Nolan K. National policy development for the clinical application of genetic diagnostic technologies: lessons for cystic fibrosis. *JAMA* 1993 270:2948-2954

- 7. **Wilford BS**, Farrell PM, Laxova A, Mischler EH. Severe hemolytic anemia associated with vitamin E deficiency in infants with CF: Implications for neonatal screening. *Clin Ped 1994* 33:2-7
- 8. **Wilfond BS**, Baker D. Meaning what I say is not saying what I mean: Genetic counseling, non-directiveness and patient values. *J Clin Ethics* 1995 5:181-182
- 9. **Wilfond BS**. Screening policy for cystic fibrosis: The role of evidence. *Hastings Center Report* 1995 25:S21-S23
- Wilfond BS, Rothenberg K, Thomson E, Lerman C, on behalf of the Cancer Genetic Studies Consortium, National Institutes of Health. Cancer Genetic Susceptibility Testing: Ethical and Health Implications for Future Research and Clinical Practice. *Journal of Law Medicine and Ethics* 1997 25:243-251
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- 23. Cho MK, Magnus D, **Wilfond BS**. Informed Consent for Research on Medical Practices. Ann Intern Med. 2015 Nov 3;163(9):725-6.
- 24. Magnus D, Wilfond B. Commentary on Kim and Miller. Clin Trials. 2015 Dec;12(6):564-6.
- 25. Kelley M, James C, Alessi Kraft S, Korngiebel D, Wijangco I, Joffe S, Cho MK, **Wilfond B**, Lee SS. The Role of Patient Perspectives in Clinical Research Ethics and Policy: Response to Open Peer Commentaries on "Patient Perspectives on the Learning Health System". Am J Bioeth. 2016 Feb;16(2):W7-9.
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- 27. **Wilfond BS**. Breaking the Sounds of Silence: Respecting People With Disabilities and Reproductive Decision Making. Am J Bioeth. 2017 Jan;17(1):37-39.
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- 29. **Wilfond BS**, Kraft SA. Attending to the Interrelatedness of the Functions of Consent. Am J Bioeth. 2017 Dec;17(12):12-13
- 30. Porter KM, Danis M, Taylor HA, Cho MK, **Wilfond BS**. Defining the Scope and Improving the Quality of Clinical Research Ethics Consultation: Response to Open Peer Commentaries About the National Collaborative. Am J Bioeth. 2018 Feb;18(2):W13-W15

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- 32. Wilfond BS, Porter KM. Justifying Investigator/Clinician Consent When The Physician-Patient Relationship Can Support Better Research Decision-Making, Am J Bioeth. 2019, 19:4, 26-28
- 33. Kraft SA, Garrison NA, Wilfond BS. Understanding as an Ethical Aspiration in an Era of Digital Technology-Based Communication: An Analysis of Informed Consent Functions. Am J Bioeth. 2019;19(5):34-36.
- F. CHALLENGING CASES IN RESEARCH ETHICS (Co-Editor with Holly Taylor and Liza Johnson)
- 1. Managing disclosure of research misconduct by a graduate student to a university mental health professional during a clinical counseling session. Am J Bioeth. 2013 Oct; 13(10):68.
- 2. The ethics of contacting family members of a subject in a genetic research study to return results for an autosomal dominant syndrome. Am J Bioeth. 2013 Oct; 13(10):61.
- 3. The ethics of disclosing to research subjects the availability of off-label marketed drugs. Am J Bioeth. 2014 Apr;14(4):51.
- 4. Ethics of continuing to provide a drug on an open-label extension study for an "unapproved indication". Am J Bioeth. 2014 Apr;14(4):56
- 5. Ethical implications of social media in health care research. Am J Bioeth. 2014 Oct;14(10):58-9.
- 6. The obligations to report statutory sexual abuse disclosed in a research study. Am J Bioeth. 2014 Oct;14(10):50.
- 7. Navigating parental permission for neonatal research. Am J Bioeth. 2015 Apr;15(4):76.
- 8. Protecting research subject welfare in preventive trials for autosomal dominant Alzheimer's disease. *Am J Bioeth*. 2015 Apr;15(4):83-4
- 9. Is it ethical to enroll cognitively impaired adults in research that is more than minimal risk with no prospect of benefit? *Am J Bioeth.* 2015 Oct;15(10):64-5.
- 10. Recontact and recruitment of young adults previously enrolled in neonatal herpes simplex virus research. Am J Bioeth. 2015 Oct;15(10):56-7.
- 11. Obligations to Act on Patient Reported Outcomes in Electronic Health Records. Am J Bioeth, 2016 April; 16(4), p. 62
- 12. Selecting Children for an Autism Spectrum Disorder Study: Justice and Geography. Am J Bioeth, 2016 April; 16(4), pp. 69–70
- 13. Studying the role of financial incentives to promote hepatitis B vaccination in a community clinic. Am J Bioeth 2016 Oct; 16(10): 75-76.
- 14. When a clinical trial is the only option. Am J Bioeth. 2016 Oct; 16(10): 67-68
- 15. Should Patients Be Required to Undergo Standard Chemotherapy Before Being Eligible for Novel Phase I Immunotherapy Clinical Trials? Am J Bioeth. 2017 Apr;17(4):66-67.

- 16. Genotype-Driven Recruitment in Population-Based Biomedical Research. Am J Bioeth. 2017 Apr;17(4):58-59
- 17. Expanded Access for Nusinersen in Patients With Spinal Muscular Atropy: Negotiating Limited Data, Limited Alternative Treatments, and Limited Hospital Resources. Am J Bioeth. 2017 Oct;17(10):66-67.
- 18. A Trial to Test a Novel Approach to Diabetes Prevention. Am J Bioeth. 2017 Oct;17(10):74-75.
- 19. Is It Ethically Appropriate to Refuse to Compensate Participants Who Are Believed to Have Intentionally Concealed Medical Conditions? Am J Bioeth. 2018 Apr;18(4):83-84.
- 20. Involving Pregnant Women in Research: What Should We Recommend When the Regulations Seem Ethically Problematic?Am J Bioeth. 2018 Apr;18(4):91-92.
- 21. A Randomized Trial of Rapamycin to Increase Longevity and Healthspan in Companion Animals: Navigating the Boundary Between Protections for Animal Research and Human Subjects Research. Am J Bioeth. 2018 Oct;18(10):58-59
- 22. Ethical Considerations for Unblinding a Participant's Assignment to Interpret a Resolved Adverse Event.Am J Bioeth. 2018 Oct;18(10):66-67
- 23. Should Research Participants Be Notified About Results of Currently Unknown but Potential Significance? Am J Bioeth. 2019;19(4):73-7
- 24. The Limitations of "Boilerplate" Language in Informed Consent: Single IRB Review of Multisite Genetic Research in Military Personnel. Am J Bioeth. 2019;19(4):81-82

## E. VIDEO PRODUCTION

- Sachs J and Wilfond BS. "Between a Rock and a Hard Place: Values, Ethics and the Physician in Training" American Medical Student Association 1985
- 2. Ashwal G, Magnus D, Thomas A, and Wilfond B. "Research on Medical Practices" Institute of Translational Health Sciences and Seattle Children's Hospital 2015

## **SELECTED PRESENTATIONS**

## FEDERAL TESTIMONY

May 1997 "Informed consent and participation of children in research"

Subcommittee on human resources, Committee on Government Reform and oversight, House of Representatives

Aug 2013 "Quality Improvement Ethics"

Hearings on Standard of Care Research, Department of Health and Human Services

## INTERNATIONAL PRESENTATIONS (SINCE 2000)

July 2000 **"Informed consent for in utero gene transfer research"** 3<sup>rd</sup> Brazilian Congress on Bioethics. Porto Alegre, Brazil

July 2001 "Emerging ethical issues in pharmacogenomics" Universidad Nova de Lisboa, Portugal

June 2002 "Genetics Research" Ethical and Regulatory Aspects of Human Subjects Research, Seoul, Korea

May 2004	"Empirical research on informed consent", "Genetics research"  Ethical and Regulatory Aspects of Human Subjects Research. University of Sao Paulo School of Medicine, Sao Paulo, Brazil
March 2006	"Genetics research", "Ethics and pediatrics", "Ethics and genetics"  "End of life decision-making" Third Latin American Conference on Bioethical Issues in Research and Clinical Practice, US Naval Research Center, Lima, Peru
Nov 2006	"Ethical issues in pediatric research", "Ethical issues in genetics research" NIH Fogarty Center Latin American Seminar on Research Ethics, Buenos Aries, Argentina
Sept 2016	"Technological Interventions in Children with Profound Disabilities: Navigating Family & Professional Values"  "Disclosing Incidental Findings from Genomic Testing- the 'Benefit to Family 'Rationale"  8 <sup>th</sup> National Pediatric Bioethics Conference, The Royal Children's Hospital, Melbourne, Australia
FEDERALLY SPO March 2003	ONSORED COFERENCES (since 2003)  "The National Children's Study: ethical issues in longitudinal research" Committee on Clinical Research Involving Children IOM. Irvine, CA
June 2003	"Ethical Issues in Pediatric Longitudinal Research: Looking Back, thinking forward" (Cochair) National Children's Study Workshop, NICHD. Bethesda, MD
Nov 2003	"Overview of Cystic Fibrosis Newborn Screening Approaches" Newborn Screening for Cystic Fibrosis Workshop, CDC. Atlanta, GA
May 2004	"Disclosure of Research findings and the National Childrens' study" Committee on Ethical Issues in Housing-Related Health Hazard Research Involving Children, Youth, and Families. IOM. Washington, DC
July 2004	"Ethical Issues in Disclosing Genetics Research Results" NHLBI Working Group on Research Results. Bethesda MD
Jan 2006	"The Participation of Children in Genetics Research"  National Children's Study Federal Advisory Committee Meeting Gaithersburg, MD
March 2007	<b>"Ethical issues in Pediatric Outcomes Research"</b> Pediatric Trauma Care: A workshop to develop a national study on the costs and outcomes from pediatric trauma. Washington DC
Nov 2008	"Prenatal testing for CMV: Lesson from cystic fibrosis" Congenital Cytomegalovirus Conference. Center for Disease Control and Prevention. Atlanta GA
March 2009	"From Public health emergency to public health service: ethical and policy issues in expanding newborn screening" Early Detection of Neuromuscular Diseases. NICHD. Bethesda, MD
May 2010	"Putting multiplex in perspective: a view from the outside". The multiplex Initiative: Implications for Personalized Medicine. NHGRI Detriot, MI

July 2010	"Research Bioethics Consultation: More potential than sequencing genomes".  Secretary's Advisory Committee on Human Research Protection. Washington, DC
Nov 2010	"Bioethics Consultation and Data-sharing". Clinical Research Ethics Key Function Committee Annual Meeting. NCRR Chicago, IL (conference moderator)
Nov 2010	<b>"Ethical issues about genetic testing for children at risk for cancer"</b> Li-Fraumini Syndrome Workshop NCI, Bethesda MD
Feb 2012 '	"What are the psychosocial and ethical implications associated with sapropterin response or non-response?" Phenylketonuria Scientific Review Conference: State of the Science and Future Research Needs. NICHD. Bethesda, MD
Oct 2013	"Ethical Implications of Comparative Effectiveness Research" (Workshop Moderator) Clinical Research Ethics Key Function Committee Annual Meeting, NCATS, Atlanta GA
Oct 2013	"Developing a Taxonomy for Preconception Carrier Testing"  Clinical Sequencing Exploratory Research Annual Meeting. NHGRI. Bethesda, MD
Feb 2014	"Attitudes about Research on Medical Practices" NIH Collaboratory National Meeting, Bethesda, MD
Oct 2014	"Pediatric Genomics: Conflicts and disclosure" (moderator) Clinical Sequencing Exploratory Research Annual Meeting. NHGRI. Bethesda, MD
Dec 2014	<b>"Public Attitudes about research on medical practices"</b> NIH Collaboratory Grand Rounds Webinar.
Dec 2014	"Empirical data on public attitudes about research on medical practices" Ethical Review and Oversight Issues in Research Involving Standard of Care Interventions: A Workshop. Institute of Medicine. Washington DC.
March 2015	"Lessons from Pediatric Gene Transfer Research: Implications for Novel Mitochondrial techniques" Workshop of the Committee on Ethical and Social Policy Considerations of Novel Techniques for Prevention of Maternal Transmission of Mitochondrial DNA Diseases. Institute of Medicine. Washington, DC.
April 2016	"A genome-scale carrier screening study: Lessons learned for implementation research and clinical service" Clinical Sequencing Exploratory Research Consortium Meeting. Seattle, WA
April 2016	"Comparison of IRB and Patient views for ROMP" NIH Health Care Systems Research Collaboratory Ethics Supplements Summit Meeting, Baltimore, MD
Sept 2015	"Patient-Centered Research: From Consent to Outcomes" Integrating Genome Sequencing into Clinical Care: CSER and Beyond (NHGRI) Bethesda, MD
October 2016	Willingness to participate in research on medical practices and the implications of the "investigational misconception for informed consent" NIH Collaboratory Grand Rounds. Webinar

Wilfond B, Kauffman TL, Jarvik GP, Reiss JA, Richards CS, McMullen C, Gilmore M, Himes P, Kraft SA, Porter KM, Schneider J, Punj S, Leo MC, Dickerson JF, Lynch F, Clarke E, Rope AF, Lutz K, **Goddard KAB**. "Lessons learned from a study of genomics -based carrier screening for reproductive decision-making." Health Affairs briefing on precision medicine special issue, Washington, DC, May 8, 2018.

NATIONAL PRO March 2005	FESSIONAL MEETINGS (since 2005)  "Bioethics: From the Margin to the Mainstream" American Medical Student Association National Convention. Arlington, VA
Oct 2005	<b>"Ethical and policy implications of the \$1000 Genome</b> (moderator) American Society for Bioethics and Humanities Annual Meeting. Philadelphia PA
Oct 2005	"Conflicts of interest and industry sponsorship of continuing medical education: The case of pediatric depression" American Academy of Pediatrics National Conference and Exhibition. Washington, DC
Oct 2006	"Pediatric biobanks and the limits of parental permission" American Society of Bioethics and Humanities Annual Meeting. Denver CO
Oct 2006	"Pediatric Biobanks" ASCO/COG Symposium on ethical issues in genetic research on children with cancer. Children's Oncology Group Meeting. Los Angeles CA
Oct 2007	"Ashley Revisited: Is Growth Attenuation Ever Justified in a Profoundly Disabled Child?" (Moderator) "American Society of Bioethics and Humanities Annual Meeting Washington, DC;
Oct 2007	<b>"Family perspectives on returning research results"</b> (moderator) ASCO/COG Symposium on ethical considerations in disclosing study results to research participants. Denver CO
May 2008	"Genetic Testing and Research in Children" Ethical and Policy Implications. Translating "ELSI": Ethical, Legal and Social Implications of Genomics. Cleveland OH
May 2008	When Parents Request Medical Care that Providers Resist: Ethics and Law in Futility Disputes (moderator) Pediatric Academic Society Annual Meeting. Honolulu, HI
Oct 2008	<b>"Ethical Considerations in Research Recruitment"</b> North American Cystic Fibrosis Conference. Orlando FL
Oct 2008	"Bioethics Consultations and the CTSA: Using a computer application to facilitate quality improvement and data sharing" American Society of Bioethics and Humanities. Cleveland OH
March 2009	"Biobanks: Approaching Informed Consent for Continuing Research After Children Grow Up" American College of Medical Genetics Annual Meeting. Tampa, FL
March 2009	"Revisiting the ASHG/ACMG Points to Consider: Why parents should have Authority to Consent on Behalf of their Children and adolescents may consent for themselves" American College of Medical Genetics Annual Meeting. Tampa, FL
May 2009	<b>Ethical Challenges in Pediatric Biobanks: Balancing Risks and Benefits.</b> Pediatric Academic Society Meeting. Baltimore MD
Oct 2009	"Ethical responsibilities regarding genetic testing for cancer susceptibility in children and family communication of genetic information to children" American Society of Human Genetics Annual Meeting. Honolulu. HI

Oct 2010	<ul><li>"Ethical dilemmas in the management of "lethal" conditions: Lessons from Trisomy 13</li><li>&amp; 18" American Academy of Pediatrics National Conference and Exhibition, San Francisco, CA</li></ul>
Oct 2010	"Research Bioethics Consultation" (Workshop Moderator) American Society of Bioethics and Humanities Annual Meeting, San Diego CA
May 2010	Ethical and Social Implications of providing intensive interventions to infant for whom clinical or developmental prognosis is uncertain. (Topic Symposium Moderator) Pediatric Academic Societies Annual Meeting. Vancouver BC Canada
May 2011	"What does it mean to get assent from children in pediatric biobank genomic research" Pediatric Academic Society Meeting. Denver CO
May 2011	"Assent for children enrolling in biobanks: Not "consent" for little adults" Exploring the ELSI Universe. NHGRI. Chapel Hill, NC
Oct 2011	"Transforming clinical, parental, and society discord about disability: the example of trisomy 18 and 13" (Panel moderator) American Society of Bioethics and Humanities Annual Meeting, Minneapolis, MN
Oct 2012	"Establishing Research Ethics Consultation: Core Features and tailored approaches" (Workshop moderator) American Society of Bioethics and Humanities Annual Meeting, Washington DC
Oct 2012	"Social Work and Bioethics: A Call for Collaboration" (Panel moderator) American Society of Bioethics and Humanities Annual Meeting, Washington DC
Oct 2013	"Genomic Testing in Children" (Discussion moderator) Pediatrics and ELSI Affinity Group, American Society of Bioethics and Humanities Annual Meeting. Altanta, GA
Oct 2013	"Why the SUPPORT Study was ethical" Late-breaking Session. American Society of Bioethics and Humanities Annual Meeting. Altanta, GA
Oct 2013	"Lessons from SUPPORT: Implications for Research on Medical Practice" Cystic Fibrosis Therapeutic Development Network Annual Meeting. Salt Lake City, Utah
Oct 2014	"Research Bioethics Consultation and the CTSAs"  "Articulating the Goals and Assessing the Impact of Bioethics Projects" American Society of Bioethics and Humanities Annual Meeting. San Diego, CA
May 2014	<b>Accepting Brain Death.</b> Pediatric Academic Societies Annual Meeting. Vancouver BC Canada
May 2014	Lessons From SUPPORT: Opportunities to improve research in children by conducting research about the ethical concerns related to pediatric research. Pediatric Academic Societies Annual Meeting. Vancouver BC Canada
July 2014	"Lessons from SUPPORT" Association of Administrators in Academic Pediatrics Annual Meeting. Vancouver, BC
April 2015	"Ethical Complexities in Randomized Trials: Compared to what?" Pediatric Academic Society Annual Meeting. San Diego, CA
May 2015	"Perspectives on Clinical Ethics and Consultation"  "Research Ethics Consultation in the US: An Emerging role in Academic Medical Centers"

	New York, NY
Oct 2015	"Using visual narrative in empirical bioethics research"  "The Clinical Research Ethics Collaborative: a national network that discusses challenging cases and shares consultation practice approaches to promote ethical clinical research"  Association of Bioethics and Humanities Annual Meeting. Houston, TX
April 2016	"Ethical Complexities in Randomized Trials: Compared to what?" Pediatric Academic Society Annual meeting. Baltimore, MD
Oct 2016	"Engaging stakeholders about research on medical practices in the learning health system: results of four empirical studies" Association of Bioethics and Humanities Annual Meeting, Washington DC
Nov. 2016	"Research on Medical Practices (ROMP): Attitudes of IRB Professionals about Randomization and Informed Consent"  "A Comparison of IRB Professionals' and Patients' Views on Research on Medical Practices (ROMP) "  Advancing Ethical Research, PRIMR, Anaheim, CA
May 2017	"State of the Art in Pediatric Genomics: Evidence from the CSER Consortium." Pediatric Academic Society Annual meeting. San Fransisco, CA
Nov. 2017	"The role of research ethics consultation in IRB reviewed research: opportunities and challenages"  Advancing Ethical Research, PRIMR, San Antonio, CA
Oct 2018	"Lingustic challenges in studying research on medical practice: the investigational misconception." Association of Bioethics and Humanities Annual Meeting, Anahiem CA
INVITED CONF Oct 2005	ERNCE PRESENTATIONS (selected, since 2005)  "Bioethics, Excellence, and Physicians-in-Training" AMSA Bioethics Conference.  University of Arizona. Tucson AZ
March 2005	"Interpreting the definitions of risk in the federal research regulations" Cystic Fibrosis Foundation Data Monitoring Committee Annual Meeting. Dallas TX
July 2005	"Ethical issues in marketing genetic tests" Linda Fox Memorial Address. $10^{th}$ Annual Genetics and Ethics in the $21^{st}$ Century. The Given Institute of the University of Colorado. Aspen, CO

Annual 11<sup>th</sup> Annual International Conference on Clinical Ethics & Consultation

May 2007	"Disclosing Incidental Findings in Pediatrics" Managing Incidental Findings in Human Subjects Research: From Imaging to Genomics, University of Minnesota., Minneapolis MN
July 2007	"Show Me the Money: Financial Considerations in Responding to Parental Wishes"  Navigating conflicts when parents and providers disagree about health care" 3rd Annual Pediatric Bioethics Conference. Treuman Katz Center for Pediatric Bioethics. Seattle WA
May 2007	"The Ethical and Policy Implications of Limiting Growth in Children with Severe Disabilities" (Moderator) University of Washington. Seattle. WA
Feb 2008	"Resolving conflicts in the ICU" Pediatric Critical Care Symposium Wistler, BC, Canada
July 2008	"Tale of two cites: Genomics, ethics, and parental decision-making?" Predicting our Future: Genetic Testing in Children and their Families. 4 <sup>th</sup> Annual <i>Pediatric Bioethics Conference</i> . Treuman Katz Pediatric Bioethics Conference. Seattle WA
Nov 2008	<b>"Ethical issues in Genetic Research"</b> Ethical and Regulatory Issues in Human Subjects Research, National Institutes of Heath Clinical Center. Bethesda MD
Nov 2008	"Bioethical Issues in Prenatal Diagnosis and Therapy" Prenatal Diagnosis: Outcomes and Transition to Pediatric Care. Seattle Children's Hospital. Seattle WA
Jan 2009	"Evaluating Growth Attenuation in Children with Profound Disabilities: Interests of the Child, Family Decision-Making and Community Concerns" (Moderator) University of Washington, Seattle WA
April 2009	<b>"Ethical issues in Pediatric Research"</b> Washington State Society of Healthcare Attorneys Meeting. Seattle WA
May 2009	"Ethics of clinical data sharing" Data sharing: Governance and Ethics in the CTSA environment: ITHS Workshop. Seattle WA
July 2009	"Newborn Screening and the Alpha one foundation approach" (panel) Genetic Alliance Annual Meeting. Washington DC
Sept 2009	"Ethical issues that emerge during clinical research" WIRB Annual Meeting. Seattle WA
Oct 2009	"Ethical issues that emerge during clinical research"  Quorum IRB Annual Meeting. Seattle WA
March 2009	"Informed consent in clinical trials." Therapeutic Development Network Meeting. Cystic Fibrosis Foundation. Denver, CO
March 2010	"Don't Ask, Don't Tell: The ethics of learning to do medical procedures" National Undergraduate Bioethics Conference. University of Puget Sound. Tacoma, WA
May 2010	"Introduction to Bioethics" Undergraduate Biology Research Program Retreat. University of Arizona. Tucson, AZ
Feb 2010	"Identifying Common Ground and Potential Solutions" (Panelist). ITHS Biorepository Development and Governance Workshop. Seattle WA
Feb 2010	<b>"Ethical issues in research recruitment"</b> Protecting Research Participants: Ethical Challenges with in a Regulatory Framework (OHRP Community Forum). Seattle WA

May 2011	"Assent in Genomic Research" Should we return individual research results and incidental findings from genomic biobanks and archives? University of Minnesota. Bethesda MD
June 2011	<b>"Gene Discovery and ethics".</b> Brain Development Conference. NeuroDevNet. Vancouver BC, Canada
May 2012	<b>"Introduction to Bioethics</b> " Undergraduate Biology Research Program Retreat. University of Arizona. Tucson, AZ
Oct 2012	"Research with Children: Complex cases, Questions, and Conundrums". Achieving Excellence in Clinical Research: Scientific, Ethical, and Operational Considerations. Advocate Health. Chicago, II
Jan 2013	"Mid Study ethical dilemmas: Disclosing results" Seattle Nursing Research Workshop. Shoreline, WA
Jan 2014	"The Ethical Significance of the Research-Clinical Care Distinction" Ethical Issues in Data Science. Mount Sinai School of Medicine. New York, NY
Jan 2014	"Ethical Issues in Comparative Effectiveness Research" Seattle Nursing Research Workshop. Lynnewood, WA
Nov 2014	"Returning secondary research results of children to Families" Should we offer genomic research results to participants family, including after death? University of Minnesota MN
March 2015	"The Cystic Fibrosis Newborn Screening Trial: An Ethical Precedent" 7 <sup>th</sup> Annual University of Wisconsin School of Medicine & Public Health Bioethics Symposium: Challenging the Norm: Fostering Ethics. Madison, WI
Sept 2015	"ROMP in the PARC: Research on Medical Practices- Public Attitudes about Research Consent" Perinatal Research Society- 46 <sup>th</sup> Annual Meeting, Engelwood CO.
April 2015	"ROMP in the PARC: Research on Medical Practices- Public Attitudes about Research Consent" Cystic Fibrosis Foundation Therapeutics Data Safety and Monitoring Board Annual Meeting. Phoenix, AZ
May 2016	"A ROMP in the PARC: Research On Medical Practices - Public Attitudes for Research Consent" Consent Quorum IRB Seattle, WA
May 2016	"A ROMP in the PARC: Research On Medical Practices - Public Attitudes for Research Consent" Tenth Annual Chapel Hill Pharmaceutical Sciences Conference. Chapel Hill, NC
May 2016	"Ethical Considerations in Treating Cardiovascular Disease in Children with Trisomy" Western Society of Pediatric Cardiology Annual Conference, Salt Lake City, Utah
Aug 2016	<b>"Basics of Ethics Committees"</b> – 29 <sup>th</sup> Annual Summer Seminar in Health Care Ethics, The University of Washington School of Medicine, Department of Bioethics and Humanities, Seattle, Washington
Aug 2017	<b>"Ethics Consultation"</b> – 30 <sup>th</sup> Annual Summer Seminar in Health Care Ethics, The University of Washington School of Medicine, Department of Bioethics and Humanities, Seattle, Washington

Aug 2018	<b>"Ethics Consultation"</b> – 30 <sup>th</sup> Annual Summer Seminar in Health Care Ethics, The University of Washington School of Medicine, Department of Bioethics and Humanities, Seattle, Washington
Sept 2018	"Ethical considerations in providing cardiac surgery for children with Trisomy 18" – Advances in Fetology 2018, Atlanta, GA
INVITED WORK Feb 2005	SHOP PRESENTATIONS (selected, since 2005)  "Ethical issues in newborn screening research" Fragile X Study Group, University of North Carolina. Chapel Hill, NC
May 2005	"Worlds in Collision: ethical and policy implications of carrier screening/prenatal diagnosis and newborn screening for the same condition" Hastings Center. Garrison NY
July 2005	"Disclosing individual research results to participants: A results-focused approach to study design" Reporting Results of Genetic Research Workshop. Center for Integration of Research on Genetics and Ethics. Stanford University. Palo Alto CA
May 2009	"Research on residual newborn screening blood spots" March of Dimes Bioethics Advisory Committee Meeting White Plains NY.
Aug 2009	"Approaching informed consent after children grow up" Fred Hutchison Cancer Center IRB Informed Consent Working Group. Seattle WA
May 2011	<b>"Policy approaches to Recruitment "</b> Workshop on Ethical Approaches to Genotype Driven Research Recruitment. Duke University. Raleigh, NC
Nov 2011	"Wisconsin Cystic Fibrosis study and undisclosed findings". Unanticipated Findings in Newborn Screening. NBSTRN Bioethics and Legal Issues Workgroup. American College of Medical Genetics. Bethesda, MD
June 2012	"Returning incidental findings to parents". Disclosing Genomic Incidental Findings in Cancer Biobank. Working Group. Minneapolis, MN
May 2013	"Genetic Sequencing in Children" Bioethics Advisory Committee. March of Dimes. White Plains, NY
Sept 2013	"Ethical issues in research about the use of pschchotropic drugs in children".  Workshop on the use of psychotropic drugs in children. University of British Columbia.  Vancouver BC, Canada
March 2015	<b>"Ethical frameworks for policy decisions about newborn screening"</b> Newborn Screening Advisory Committee. Washington Department of Health Shoreline, WA.
Feb 2015	<b>'Clinical Research Interactions"</b> Regional Centers for Excellence in ELSI Research Meeting. Seattle, WA.
Nov 2016	"The development of Research ethics consultation" Neuroscience and Ethics Engagement: From Gray Matters to an NSF Engineering Research Center, Center for Sensorimotor Neural Engineering, University of Washington, Seattle, WA
Jan 2018	"improving informed consent: lessons from empirical ethics research" ITHS. Seattle, Wa

GRAND ROUNDS/INVITED LECTURES (since 2000)		
June 2000	"Bioethics: a new medical specialty" Anesthesia Grand Rounds, Boston Children's Hospital. Boston, MA April 2004 "Ethics and excellence: getting to the top of the hill", AOA Induction Keynote Address, New Jersey Medical School, Newark, NJ	
Feb 2002	"Cystic fibrosis newborn screening" Department of Pediatrics Grand Rounds. Columbia University. New York, NY	
March 2004	<b>"Direct to consumer advertising for genetic tests"</b> Pediatric Grand Rounds, University of Wisconsin Department of Pediatrics. Madison, WI	
March 2003	<b>"The Commercialization of Genetics"</b> Inaugural RJ Fellowship Symposium, Muhlenberg College. Allentown, PA	
April 2003	"Gene therapy and research in children" Pediatric Grand Rounds, University of Colorado. Denver, CO	
May 2005	<b>"Ethical issues in Pediatric Research"</b> 17th Annual Stuart Stevenson Lecture. UMDNJ-New Jersey Medical School, Newark, NJ	
March 2008	"Show Me the Money: Responding to parental requests for medical interventions in children with profound disabilities" Pediatric Grand Rounds University of California-Davis. Davis, CA	
April 2008	Show Me the Money: Responding to parental requests for medical interventions in children with profound disabilities. David Green Memorial Lecture. Department of Pediatrics Grand Rounds. University of Utah. Salt Lake City, Utah.	
Dec 2010	<b>Direct to Consumer Marketing of Genomics: Ethical, (Legal) and Social Implications</b> . Institute of Translational health Sciences Interdisciplinary Grand Rounds. University of Washington. Seattle, WA	
Dec 2010	"Technological interventions in children with profound disabilities: Balancing children's interests, parental preferences, and resource constraints" Pediatric Grand Rounds. Arkansas Children's Hospital, Little Rock, AR	
Jan 2012	Technological interventions in children with profound disabilities: Balancing children's interests, parental preferences, and resource constraint. Grand Rounds, Rady Childrens Hospitals San Diego, CA	
March 2012	"Technological interventions in children with profound disabilities: Balancing children's interests, parental preferences, and resource constraint." Program for Medical Ethics, Yale School of Medicine, New Haven, CT	
Dec 2013	"Ethical issues in comparative effectiveness research: Lessons from the support trial of high vs low oxygen saturations in premature newborns" (with Ruth Macklin) Forum, Division of Medical Ethics, Harvard Medical School, Boston, MA	
Dec 2013	"Ethical issues in comparative effectiveness research: Lessons from the support trial of high vs low oxygen saturations in premature newborns" (with Ruth Macklin) Medicine Grand Rounds. Beth Israel-Deconess Medical Center. Boston, MA	

Jan 2014	"Lessons from SUPPORT: Ethical Implications of Research on Medical Practice" Lieken Lecture, Pediatrics Grand Rounds, Children's National Medical Center, Washington DC
Jan 2014	"Involving Children in research on Psychotropic Medications" Psychiatry Grand Rounds, Children's National Medical Center, Washington DC
Feb 2014	"Informed consent for research blood collection in stem-cell transplant patients".  Grand Rounds, Fred Hutchison Cancer Research Center, Seattle, WA
Oct 2014	<b>"Ethical Aspects of Clinical Trials: compared to what?."</b> 9 <sup>th</sup> Annual Cynthia Stolman Lectureship, Department of Pediatrics. Rutgers- New Jersey Medical School
March 2015	"ROMP in the PARC: Research on Medical Practices- Public Attitudes about Research Consent" Grand Rounds, Sacred Heart Medical Center. Spokane, WA
April 2015	"Tracheostomies and assisted ventilation in children with profound disabilities: Navigating family and professional values" Medearis Lecture-Pediatric Grand Rounds. University of Pittsburgh. Pittsburgh, PA
April 2015	"ROMP in the PARC: Research on Medical Practices- Public Attitudes about Research Consent" Emerson Lecture in Medical Ethics. Trent Center for Bioethics, Humanities & History of Medicine, Duke University. Raleigh, NC
June 2015	"ROMP in the PARC: Research on Medical Practices- Public Attitudes about Research Consent" Pediatric Grand Rounds. St Jude Children's Research Hospital, Memphis, TN
July 2015	"Changing Ethical Paradigms for the Treatment of Children with Trisomy 18" Pediatric Grand Rounds. Primary Children's Hospital. Salt Lake City, UT
Nov 2015	"Tracheostomies and assisted ventilation in children with profound disabilities: Navigating family and professional values" Christine Harrison Lecture in Pediatric Bioethics, Pediatric Grand Rounds, Hospital for Sick Children. Toronto, ON, CA
Feb 2016	"A ROMP in the PARC: Research on Medical Practices - Public Attitudes for Research Consent" Bioethics Grand Rounds, Department of Bioethics and Humanities, University of Washington School of Medicine, Seattle WA
March 2016	"Tracheostomies and assisted ventilation in children with profound disabilities:  Navigating family and professional values" Webinar. Children's Mercy Bioethics Center Kansas City, MO
June 2016	"A ROMP in the PARC: Research On Medical Practices - Public Attitudes for Research Consent Integrated Research Center for Fetal Medicine. Johns Hopkins University, Baltimore, MD
August 2016	"Technological Interventions in Children with Profound Disabilities: Navigating Family & Professional Values" Egleston Research Grand Rounds, Emory + Children's Pediatric Research Center, Atlanta, GA

May 2017 "A ROMP in the PARC: Research On Medical Practices - Public Attitudes for Research Consent" Pediatrics Grand Rounds. University of North Carolina Chapel Hill, NC