

Richard Holubkov
University of Utah
School of Medicine
Pediatric Critical Care

CONTACT INFORMATION

Williams Building
Pediatric Critical Care
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Salt Lake City, UT 84108
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rholubkov@hrc.utah.edu

EDUCATION

<u>Years</u>	<u>Degree</u>	<u>Institution (Area of Study)</u>
1990 - 1995	Ph.D.	University of Washington (Biostatistics) Seattle, WA
1990 - 1993	M.S.	University of Washington (Biostatistics) Seattle, WA
1985 - 1986	M.S.	Carnegie-Mellon University (Statistics) Pittsburgh, PA
1981 - 1985	B.S.	University of Chicago (Statistics) Chicago, IL

UNIVERSITY OF UTAH ACADEMIC HISTORY

Family & Preventive Medicine (Public Health), 03/01/2002 - Present

03/01/2002 Associate Professor
08/01/2010 Adjunct Professor

Pediatrics (Pediatric Critical Care), 05/01/2005 - 11/30/2005

05/01/2005 Adjunct Associate Professor
12/01/2005 Associate Professor
07/01/2010 Professor

Population Health Sciences (Biostatistics), 09/15/2016 - Present

09/15/2016 Adjunct Professor

PROFESSIONAL EXPERIENCE

Full-Time Positions

2010 - Present Professor, Division of Critical Care, Department of Pediatrics, University of Utah, Salt Lake City, Utah
2005 - 2010 Associate Professor (tenure-track; tenured 7/2007), Division of Critical Care, Department of Pediatrics, University of Utah, Salt Lake City, Utah

2002 - 2005 Associate Professor (tenure-track; tenured 7/2005), Department of Family and Preventive Medicine, School of Medicine, University of Utah, Salt Lake City, Utah
Responsibilities: Director of Biostatistical Core Resource, School of Medicine. Biostatistician, Huntsman General Research Center (GCRC). Biostatistical support of research grants, departmental teaching, biostatistical consultation for School faculty.

1995 - 2002 Assistant Professor, Division of Cardiology, School of Medicine, University of Pittsburgh, Pittsburgh, PA
Responsibilities: Biostatistical work on research grants as statistician, informal teaching, biostatistical consultation.

1995 - 2002 Assistant Professor, Department of Epidemiology, Graduate School of Public Health, University of Pittsburgh, Pittsburgh, PA
Responsibilities: Biostatistical work on research grants at various levels (Principal Investigator, Co-Principal Investigator, Statistician), teaching and curriculum development, biostatistical consultation.

1994 - 1995 Programmer/Analyst, Department of Health Services, University of Washington, Seattle, Seattle, Washington
Responsibilities: Biostatistician and statistical programmer for state health database of birth/caesarean section information.

1991 - 1993 Teaching Assistant, Department of Biostatistics, University of Washington, Seattle, Seattle, Washington
Responsibilities: Teaching of laboratory sections and occasional lectures as needed for Ph.D.-level data analysis course.

1991 - 1993 Research Assistant, Department of Neurological Surgery, University of Washington, Seattle, Seattle, Washington
Responsibilities: Biostatistician/statistical programmer for database of outcome post traumatic head injury.

1988 - 1990 Research Associate, Department of Epidemiology, Graduate School of Public Health, University of Pittsburgh, Pittsburgh, PA
Responsibilities: Biostatistician for several randomized clinical trials and registries in the cardiovascular field.

1986 - 1998 Research Specialist, Department of Epidemiology, Graduate School of Public Health, University of Pittsburgh, Pittsburgh, PA
Responsibilities: Biostatistician and programmer for several cardiovascular studies.

1985 - 1986 Research Assistant, Department of Statistics, Carnegie-Mellon University, Pittsburgh, Pittsburgh, PA
Responsibilities: Statistical programmer for simulation studies of time series analysis methods.

1984 - 1985 Statistical Programmer, National Opinion Research Center, University of Chicago, Chicago, IL
Responsibilities: Statistical programmer for large-scale simulation studies of cohort analysis methods.

Part-Time Positions

2016 - Present Biostatistical Consultant, DURECT Corporation, Cupertino, CA

2014 - 2016 DSMB Chair, Fibrocell Science, Inc., Exton, PA

2012 - Present Biostatistical Consultant, Physicians Committee for Responsible Medicine, Washington, DC

2011 - Present DSMB Member, Pfizer, Inc., New York, NY

2007 - 2011	Statistical Consultant, Supportive Oncology Services, Inc., Memphis, Tennessee
2006 - 2007	Statistical Consultant, Rosenberg Cooley Metcalf Clinic, Park City, Utah
2005	Statistical Consultant, Lahey Clinic, Burlington, Massachusetts
2004 - 2010	Statistical Consultant, Tyco Healthcare, Boulder, Colorado
2003	Statistical Consultant, Associated Regional and University Pathologists (ARUP) Laboratories, Salt Lake City, Utah
2002 - 2015	Statistical Consultant, AVERT Coordinating Center, Pittsburgh, Pennsylvania
2001	Statistical Consultant, Arnold & Porter, Attorneys at Law, Washington, D.C.
1997 - 2001	Statistical Consultant, Clinical Cardiovascular Research L.L.C., Gaithersburg, Maryland
1997 - 1999	Statistical Consultant, CardioThoracic Systems, Inc., Cupertino, California
1996 - 2005	Statistical Consultant, Children's Hospital of Pittsburgh, Pittsburgh, Pennsylvania
1993 - 1997	Statistical Consultant, Blit Zion Corporation, Bellevue, Washington

Editorial Experience

2017 - Present	Associate Editor for <i>Trials</i>
2004 - 2007	Editorial Board Member for Family Medicine

Reviewer Experience

2013 - Present	Reviewer for Clinical Trials: Journal of the Society for Clinical Trials
2008 - Present	Reviewer for BMC Musculoskeletal Disorders
2008 - Present	Reviewer for BMC Ophthalmology
2007 - Present	Reviewer for Journal of Neurosurgery
2007 - Present	Reviewer for BMC Cancer
2006 - Present	Reviewer for Pediatrics
2003 - Present	Reviewer for Coronary Artery Disease
2001	Reviewer for Journal of the American Medical Association
2000	Reviewer for 2000 National Student Research Forum (sponsored by American Medical Association Education and Research Foundation)
1999 - 2000	Reviewer for Journal of the American College of Cardiology
1999	Reviewer for Journal of Interventional Cardiology

HONORS AND AWARDS

1990 - 1995	National Research Service Award, Traineeship in Biostatistics
1990 - 1993	Achievement Rewards for College Scientists Fellowship
1985 - 1986	Richard King Mellon Fellowship for Graduate Study
1985	Membership, Phi Beta Kappa
1981 - 1985	Illinois State Scholarship
1981 - 1985	National Merit Scholarship, University of Chicago
1981 - 1985	John F. Polakovic Foundation Scholarship

Administrative Duties

2014 - Present	Principal Investigator, Coordinating Center for "A randomized controlled trial of anterior versus posterior entry site for cerebrospinal fluid infection".
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2013 - Present	Principal Investigator, Adult Hydrocephalus Research Network Coordinating Center
2009 - Present	Co-Director, Study Design and Biostatistics Center, Center for Clinical and Translational Science, University of Utah School of Medicine
2008 - Present	Principal Investigator, Hydrocephalus Clinical Research Network (HCRN) Coordinating Center, University of Utah
2006 - Present	Executive Committee Member, Intermountain Injury Control Research Center, Department of Pediatrics, University of Utah School of Medicine
2004 - 2008	Biostatistician and Executive Committee Member, Huntsman General Clinical Research Center (GCRC), School of Medicine, University of Utah
2003 - 2008	Director, Biostatistical Core Resource, School of Medicine, University of Utah
1996 - 2002	Member of several Faculty Search Committees (Associate Professor and Research Associate level), Department of Epidemiology, University of Pittsburgh
1995 - 2002	Member of Executive Committee, Epidemiology Data Center, University of Pittsburgh

Professional Organizations & Scientific Activities

2012 - 2017	Board Member, American Burn Association, Data Safety Monitoring Board Member, Randomized Controlled Evaluation of Hemofiltration in Adult Burn Patients with Septic Shock and Acute Renal Failure (RESCUE Trial)
2012 - Present	Advisory Board Member, National Heart, Lung and Blood Institute, Observational Safety Monitoring Board Member, Genomic Research in Alpha 1 antitrypsin Deficiency and Sarcoidosis
1998	Member & Representative, National Institutes of Health, Delegation, Scientific Visit to Institute of Clinical and Experimental Medicine, Prague, Czech Republic
1990	Member & Representative, National Institutes of Health, Delegation, Scientific Visit to Institute of Clinical and Experimental Medicine, Prague, Czech Republic
1987	Invited Consultant, American College of Cardiology/American Heart Association, Subcommittee to Assess PTCA of the ACC/AHA Task Force on Assessment of Diagnostic and Therapeutic Cardiovascular Procedures, Chicago, IL

Grant Review Committee/Study Section

2011	Grant Review Committee Member, Special Emphasis Panel, Pediatric Heart Network, NHLBI.
2010	Grant Review Committee Member, Special Emphasis Panel, Science Moving Toward Research Translation and Therapy (SMARTT), NHLBI.
2008 - 2012	Member, American Heart Association Epidemiology, Prevention, Outcomes and Behavior Science Peer Review Committee
2007 - Present	Protocol Review Committee Member, National Heart, Lung, and Blood Institute Cardiothoracic Surgical Network
1995 - 2003	Ad Hoc review committee member, National Institutes of Health (NIH), National Center for Research Resources (NCRR). 9 reviews.

UNIVERSITY COMMUNITY ACTIVITIES

University Level

2003 - 2004 Representative, University Statistics Committee, Biostatistics Track
2002 - Present Member, University Statistics Committee

University of Utah Health

2002 - 2005 Member, Health Sciences Center Institutional Review Board

College Level

2003 Member, School of Medicine Tenured Faculty Review Committee, (2)

Department Level

2005 - 2006 Member, Family and Preventive Medicine, Health Studies Program Advisory Committee

SERVICE AT PREVIOUS INSTITUTIONS

2001 - 2002 Ad hoc Member, University of Pittsburgh, Scientific Review Committee, Western Psychiatric Institute and Clinic, University of Pittsburgh
1999 - 2002 Faculty Reader, University of Pittsburgh, Department of Epidemiology Ph.D. Qualifying Examination
1999 Lecturer, University of Pittsburgh, Graduate School of Public Health Seminars
1998 Faculty Member, University of Pittsburgh, Fundamentals of Clinical Research Practice workshops
1997 - 2002 Member, University of Pittsburgh, Scientific Review Committee, Department of Neurology, University of Pittsburgh School of Medicine
1997 Faculty Member, University of Pittsburgh, CardioThoracic Systems (CTS) Minimally Invasive Coronary Artery Bypass Training Course, University of Pittsburgh Medical Center

CONSULTING

2010 - Present Board Member, Pfizer Inc., Data Safety Monitoring Board Member, Tafocitinib (CP-690,550) Psoriasis Phase III Clinical Trial Program.
2008 Member, CardioVascular BioTherapeutics, Inc., Data Safety Monitoring Board, "Human recombinant Fibroblast Growth Factor-1 (FGF-1141) for the treatment of subjects with severe coronary heart disease, a double-blind, placebo-controlled, dose-varying study.
2007 - 2008 Chairman & Member, Hyperion, Data Safety Monitoring Board, A Phase 2, open-label, switch-over, dose escalation study of the safety and tolerability of GT4P compared to Buphenyl in patients with urea cycle disorders.
2003 - 2005 Chair, United States Department of Health and Human Services, Data and Safety Monitoring Board--Heart Failure Home Care Trial (sponsor: Health Care Finance Administration)
2002 - 2015 Biostatistician, St. Jude Medical, Biostatistical Consultant for continued follow-up of the Artificial Valve Endocarditis Reduction Trial (AVERT) cohort
2002 - 2005 Member, University of Pittsburgh, Data and Safety Monitoring Board (DSMB) --"Evaluation of the association of glucose intolerance-induced systemic inflammation and diffuse coronary atherosclerosis" (sponsor: Cardiovascular Institute, University of Pittsburgh)

PROFESSIONAL ORGANIZATION MEMBERSHIPS

2014 - Present International Society for Clinical Biostatistics
1999 - 2001 American Diabetes Association
1998 - 2002 American Heart Association, Council on Epidemiology & Prevention
1996 - Present American Statistical Association
1996 - Present Society for Clinical Trials

FUNDING

Active Grants

04/09/18 - 03/31/21 Holubkov Pens Jhu Sub 2017
Principal Investigator(s): Richard Holubkov
Direct Costs: \$193,369 Total Costs: \$263,949
Role: Principal Investigator

04/01/16 - 03/31/20 Holubkov Chop Cpcrn Sub 2015
Principal Investigator(s): Richard Holubkov
Direct Costs: \$613,518 Total Costs: \$914,142
Role: Principal Investigator

01/01/08 - Present Coordinating Center for the Hydrocephalus Clinical Research Network
Principal Investigator(s): Richard Holubkov
Private Donor
Role: Principal Investigator

Past Grants

07/01/18 - 06/30/19 Holubkov Ahcrn 2018-2019
Principal Investigator(s): Richard Holubkov
Direct Costs: \$282,839 Total Costs: \$282,839
Hydrocephalus Association
Role: Principal Investigator

04/01/18 - 03/31/19 Prevent Ptb Feb 2018
Principal Investigator(s): Richard Holubkov
Direct Costs: \$1,082,964 Total Costs: \$1,478,246
Intermountain Healthcare
Role: Principal Investigator

01/01/18 - 06/30/18 Holubkov Ahern 2018
Principal Investigator(s): Richard Holubkov
Direct Costs: \$126,089 Total Costs: \$126,089
Hydrocephalus Association
Role: Principal Investigator

07/01/17 - 06/30/18 Dec Prevent Ptb July 2017
Principal Investigator(s): Richard Holubkov
Direct Costs: \$69,012 Total Costs: \$94,201
Intermountain Healthcare
Role: Principal Investigator

07/01/16 - 06/30/19 Holubkov Lapse Dec
Principal Investigator(s): Richard Holubkov
Direct Costs: \$293,371 Total Costs: \$437,122
Seattle Children's Hospital
Role: Principal Investigator

06/01/15 - 07/31/19 Holubkov Sepsis R01 Washu Sub
Principal Investigator(s): Richard Holubkov
Direct Costs: \$118,641 Total Costs: \$177,269
Role: Principal Investigator

01/01/15 - 12/31/18 Holubkov Bcm Pcori Sub 2015
Principal Investigator(s): Richard Holubkov
Direct Costs: \$1,122,400 Total Costs: \$1,571,360
Role: Principal Investigator

03/01/14 - 02/28/18 Holubkov R01 Subaward 2013
Principal Investigator(s): Richard Holubkov
Direct Costs: \$52,574 Total Costs: \$78,336
Role: Principal Investigator

09/25/13 - 06/30/15 Holubkov Lapse Dec
Principal Investigator(s): Richard Holubkov
Direct Costs: \$267,751 Total Costs: \$398,949
Seattle Children's Hospital
Role: Principal Investigator

01/01/13 - 12/31/13 Multicenter Cooling Trial Sub
Principal Investigator(s): Richard Holubkov
Direct Costs: \$29,174 Total Costs: \$43,542
Children's National Medical Center
Role: Principal Investigator

06/01/10 - 03/31/15 K23 Changes In Adipokines and Adiposity during Puberty and Young Adulthood
National Heart, Lung, and Blood Institute
Role: Co-Mentor

03/09/09 - 08/31/09 Data Coordinating Center for Therapeutic Hypothermia After Cardiac Arrest
(THAPCA) Trials
National Heart, Lung, and Blood Institute
Role: Biostatistician

05/19/08 - 04/30/13 University of Utah Center for Clinical and Translational Science (CCTS)
National Center for Research Resources
Role: Biostatistician

05/01/05 - 11/30/09 Data Coordinating Center of the Collaborative Pediatric Critical Care Research
Network
Principal Investigator(s): Richard Holubkov
Eunice Kennedy Shriver National Institute of Child Health and Human
Development
Role: Principal Investigator

05/01/03 - 08/01/08 Biostatistical Core Resource for the University of Utah School of Medicine.
Principal Investigator(s): Richard Holubkov
University of Utah
Role: Principal Investigator

- 09/01/02 - 08/31/11 Central Data Management and Coordinating Center for the Pediatric Emergency Care Applied Research Network (PECARN)
Direct Costs: \$1,263,918 Total Costs: \$1,560,000
Role: Co-Investigator
- 01/01/01 - 08/31/07 NCI 5R01CA088958
A Prospective Study of Alaska Natives & American Indians.
A cohort study of Alaska Natives and American Indians to obtain a better understanding of etiology of disease in these populations
Direct Costs: \$8,129,858 Total Costs: \$10,563,650
National Cancer Institute
Role: Biostatistician
- 09/25/00 - 06/30/04 BRCA1 Testing In A Large African American Kindred.
Direct Costs: \$1,268,849 Total Costs: \$1,710,831
National Human Genome Research Institute
Role: Biostatistician

Past Contracts

- 09/30/98 - 09/29/04 Thyroid Disease in Persons Exposed to Radioactive Fallout from Atomic Weapons Testing at the Nevada Test Site.
Direct Costs: \$4,497,880 Total Costs: \$6,745,623
Centers for Disease Control and Prevention
Role: Biostatistician

TEACHING RESPONSIBILITIES/ASSIGNMENTS

Course and Curriculum Development

- 2004 - 2006 Methods in Clinical Trials. This course presented practical approaches to design and analysis of clinical trials to entering students in the Ph.D. in Public Health program at the University of Utah.
- 1999 Epidemiology 2182 (see "Courses taught" above) was developed jointly with Dr. Sheryl F. Kelsey. This two-credit class implements discussion/interpretation of recent controversial biomedical journal articles to address clinical trials issues (e.g., ethics of randomization, Bayesian vs. frequentist analysis, informed consent) to M.P.H. and Ph.D. students in the Graduate School of Public Health. University of Pittsburgh, Pittsburgh, PA

Course Lectures

- 2020 PI, 6970: Statistical Investigatn, 0, University of Utah, School of Medicine
- 2020 PI, 6971: Biostatistics Pract, 0, University of Utah, School of Medicine
- 2020 PI, 604: Design Clinical Trials, 0, University of Utah, School of Medicine
- 2020 PI, 6954: Independent Study, 0, University of Utah, School of Medicine
- 2020 PI, 6954: Independent Study, 0, University of Utah, School of Medicine
- 2020 PI, 6040: Design Clinical Trials, 0, University of Utah, School of Medicine
- 2020 PI, 6971: Biostatistics Pract, 0, University of Utah, School of Medicine
- 2020 PI, 6970: Statistical Investigatn, 0, University of Utah, School of Medicine
- 2020 PI, 6970: Statistical Investigatn, 0, University of Utah, School of Medicine
- 2020 PI, 6971: Biostatistics Pract, 0, University of Utah, School of Medicine

2019 PI, 6954: Independent Study, 0, University of Utah, School of Medicine

2019 PI, 6970: Statistical Investigatn, 0, University of Utah, School of Medicine

2019 PI, 604: Design Clinical Trials, 2, University of Utah, School of Medicine

2019 PI, 6971: Biostatistics Pract, 0, University of Utah, School of Medicine

2019 PI, 6954: Independent Study, 0, University of Utah, School of Medicine

2019 PI, 6040: Design Clinical Trials, 9, University of Utah, School of Medicine

2019 PI, 6970: Statistical Investigatn, 0, University of Utah, School of Medicine

2019 PI, 6971: Biostatistics Pract, 0, University of Utah, School of Medicine

2019 PI, 6970: Statistical Investigatn, 0, University of Utah, School of Medicine

2019 PI, 6971: Biostatistics Pract, 0, University of Utah, School of Medicine

2018 PI, 6040: Design Clinical Trials, 10, University of Utah, School of Medicine

2018 PI, 6954: Independent Study, 0, University of Utah, School of Medicine

2018 PI, 6970: Statistical Investigatn, 0, University of Utah, School of Medicine

2018 PI, 6954: Independent Study, 0, University of Utah, School of Medicine

2018 PI, 604: Design Clinical Trials, 1, University of Utah, School of Medicine

2018 PI, 6971: Biostatistics Pract, 0, University of Utah, School of Medicine

2018 Co-Instructor, MDCRC 6040: Design Clinical Trials, 10 students, University of Utah, Ctr Clinical & Translational Sci

2018 PI, 6970: Statistical Investigatn, 0, University of Utah, School of Medicine

2018 PI, 6971: Biostatistics Pract, 0, University of Utah, School of Medicine

2018 PI, 6970: Statistical Investigatn, 0, University of Utah, School of Medicine

2018 PI, 6971: Biostatistics Pract, 0, University of Utah, School of Medicine

2017 PI, 6971: Biostatistics Pract, 0, University of Utah, School of Medicine

2017 PI, 6954: Independent Study, 0, University of Utah, School of Medicine

2017 PI, 6970: Statistical Investigatn, 0, University of Utah, School of Medicine

2017 PI, 604: Design Clinical Trials, 0, University of Utah, School of Medicine

2017 PI, 6040: Design Clinical Trials, 17, University of Utah, School of Medicine

2017 Co-Instructor, MDCRC 6040: Design Clinical Trials, 16 students, University of Utah, Ctr Clinical & Translational Sci

2017 PI, 6971: Biostatistics Pract, 0, University of Utah, School of Medicine

2017 PI, 6970: Statistical Investigatn, 0, University of Utah, School of Medicine

2017 PI, 6971: Biostatistics Pract, 0, University of Utah, School of Medicine

2017 PI, 6970: Statistical Investigatn, 0, University of Utah, School of Medicine

2016 PI, 6040: Design Clinical Trials, 17, University of Utah, School of Medicine

2016 PI, 604: Design Clinical Trials, 1, University of Utah, School of Medicine

2016 PI, 6971: Biostatistics Pract, 0, University of Utah, School of Medicine

2016 PI, 6970: Statistical Investigatn, 0, University of Utah, School of Medicine

2016 PI, 6954: Independent Study, 0, University of Utah, School of Medicine

2016 Co-Instructor, MDCRC 6040: Design Clinical Trials, 17 students, University of Utah, Ctr Clinical & Translational Sci

2016 PI, 6970: Statistical Investigatn, 0, University of Utah, School of Medicine

2016 PI, 6971: Biostatistics Pract, 0, University of Utah, School of Medicine

2016 PI, 6971, 0, University of Utah, School of Medicine

2016 PI, 6970, 0, University of Utah, School of Medicine

2015 PI, 6970: Statistical Investigatn, 0, University of Utah, School of Medicine

2015 PI, 6954: Independent Study, 0, University of Utah, School of Medicine

2015 PI, 604: Design Clinical Trials, 0, University of Utah, School of Medicine

2015 PI, 6040: Design Clinical Trials, 16, University of Utah, School of Medicine

2015 PI, 6971: Biostatistics Pract, 0, University of Utah, School of Medicine

2015 Co-Instructor, MDCRC 6040: Design Clinical Trials, 16 students, University of Utah, Ctr Clinical & Translational Sci

2015 PI, 6971: Biostatistics Pract, 0, University of Utah, School of Medicine

2015 PI, 6970: Statistical Investigatn, 0, University of Utah, School of Medicine

2015 PI, 6970: Statistical Investigatn, 0, University of Utah, School of Medicine

2015 PI, 6971: Biostatistics Pract, 0, University of Utah, School of Medicine

2014 Co-Instructor, MDCRC 6040: Design Clinical Trials, 19 students, University of Utah, Ctr Clinical & Translational Sci

2014 PI, 604: Design Clinical Trials, 0, University of Utah, School of Medicine

2014 PI, 6954: Independent Study, 0, University of Utah, School of Medicine

2014 PI, 6971: Biostatistics Pract, 0, University of Utah, School of Medicine

2014 PI, 6040: Design Clinical Trials, 19, University of Utah, School of Medicine

2014 PI, 6970: Statistical Investigatn, 0, University of Utah, School of Medicine

2014 PI, 6040: Design Clinical Trials, 0, University of Utah, School of Medicine

2014 PI, 6971: Biostatistics Pract, 0, University of Utah, School of Medicine

2014 PI, 6970: Statistical Investigatn, 0, University of Utah, School of Medicine

2014 PI, 604: Design Clinical Trials, 0, University of Utah, School of Medicine

2014 PI, 6971: Biostatistics Pract, 0, University of Utah, School of Medicine

2014 PI, 6970: Statistical Investigatn, 0, University of Utah, School of Medicine

2013 Co-Instructor, MDCRC 6040: Design Clinical Trials, 21 students, University of Utah, Ctr Clinical & Translational Sci

2013 PI, 6954: Independent Study, 0, University of Utah, School of Medicine

2013 PI, 6970: Statistical Investigatn, 0, University of Utah, School of Medicine

2013 PI, 604: Design Clinical Trials, 1, University of Utah, School of Medicine

2013 PI, 6971: Biostatistics Pract, 0, University of Utah, School of Medicine

2013 PI, 6040: Design Clinical Trials, 21, University of Utah, School of Medicine

2013 PI, 6971: Biostatistics Pract, 0, University of Utah, School of Medicine

2013 PI, 604: Design Clinical Trials, 0, University of Utah, School of Medicine

2013 PI, 6040: Design Clinical Trials, 0, University of Utah, School of Medicine

2013 PI, 6970: Statistical Investigatn, 0, University of Utah, School of Medicine

2013 PI, 6971: Biostatistics Pract, 0, University of Utah, School of Medicine

2013 PI, 6970: Statistical Investigatn, 0, University of Utah, School of Medicine

2012 PI, 6971: Biostatistics Pract, 0, University of Utah, School of Medicine

2012 PI, 6970: Statistical Investigatn, 1, University of Utah, School of Medicine
2012 PI, 6954: Independent Study, 0, University of Utah, School of Medicine
2012 PI, 6040: Design Clinical Trials, 29, University of Utah, School of Medicine
2012 Instructor, MDCRC 6040: Design Clinical Trials, 29 students, University of Utah, Ctr Clinical & Translational Sci
2012 PI, 604: Design Clinical Trials, 0, University of Utah, School of Medicine
2012 PI, 6970: Statistical Investigatn, 0, University of Utah, School of Medicine
2012 PI, 6040: Design Clinical Trials, 0, University of Utah, School of Medicine
2012 PI, 6971: Biostatistics Pract, 0, University of Utah, School of Medicine
2012 PI, 6971: Biostatistics Pract, 0, University of Utah, School of Medicine
2012 PI, 6970: Statistical Investigatn, 2, University of Utah, School of Medicine
2011 Co-Instructor, MDCRC 6040: Design Clinical Trials, 16 students, University of Utah, Ctr Clinical & Translational Sci
2004 Guest Lecturer, FP MD 6311: Research Design, University of Utah, Family and Preventive Medicine
2003 - Present Guest Lecturer, FP MD 6309: Seminar in Epi/Biostat Techniques, University of Utah, Family and Preventive Medicine
2002 - Present Guest Lecturer, FP MD 6100: Introduction to Biostatistics, University of Utah, Family and Preventive Medicine
1999 - 2002 Co-Instructor, University of Pittsburgh, Department of Epidemiology, Epidemiology 2182, "Contemporary Issues in Clinical Trials", Enrollment 1999: 6. Enrollment 2000: 10. Enrollment 2001: 6. Enrollment 2002: 7. Co-taught with Dr. Sheryl Kelsey, 1999-2000. Co-taught with Dr. Maria Brooks, 2001. Presented two lectures during 2002 (Dr. Brooks is now primary instructor).

Trainee Supervision

Fellow

2006-present Advisor/Mentor, Tamara Simon, University of Utah, Mentoring Committee Member, K23 Career Enhancement Award
Trainee's Current Career Activities: Assistant Professor, Division of Inpatient Medicine, Department of Pediatrics
2006-present Advisor/Mentor, Nicole Mihalopoulos, University of Utah, Mentoring Committee Member, K23 Career Enhancement Award Applicant.
Trainee's Current Career Activities: Assistant Professor, Adolescent Medicine, Department of Pediatrics

Masters

2006 - 2013 Advisor/Mentor, Junji Lin, University of Utah, Advisor, M.Stat. (biostatistics track)
Trainee's Current Career Activities: Presently in the M.Stat. program
2006 - 2007 Advisor/Mentor, Masaki Mihaila, University of Utah, Advisor, M.Stat. (biostatistics track)
Trainee's Current Career Activities: Graduate Student at University of California, San Francisco
2004 - 2006 Advisor/Mentor, Zhuo Li, University of Utah, Advisor, M. Stat (biostatistics track)
Trainee's Current Career Activities: Biostatistician, Mayo Clinic, Rochester, MN.

- 2003 - 2005 Advisor/Mentor, Ben-jr Wang, University of Utah, Advisor, M.Stat. (biostatistics track)
Trainee's Current Career Activities: Biostatistician, private consulting firm, Rockville, MD.
- 2002 - 2004 Advisor/Mentor, Cempaka Martial, University of Utah, Advisor for M.Stat. degree (biostatistics track)
Trainee's Current Career Activities: Statistician, Intermountain Health Care, Salt Lake City, Utah.

Graduate Student Committees

- 2011 - 2012 Chair, Aiping Wang, University of Utah
- 2010 - 2013 Chair, Junji Lin, University of Utah
- 2009 - 2012 Member, Weining Volinn, University of Utah, "Measurement Errors in the Rasch Model." (Chair: Dr. Christy Porucznik)
- 2006 - 2008 Member, Matthew These, University of Utah, "Important Differences in Accelerometer Cut Points for Physical Activity in a Nested Occupational Cohort." (Chair: Dr. Kurt Hegmann)
- 2004 Member, Nathan Adams, University of Utah, (Graduated Winter 2004; Advisor: Dr. Marlene J. Egger)(Masters of Statistics, Biostatistics Track)
- 2002-2003 Member, Suyan Tian, University of Utah, (Advisor: Dr. Marlene J. Egger)(Masters of Statistics, Biostatistics Track)
- 1999-2001 Member, Rachel Mackey, University of Pittsburgh, "Epidemiology of large artery stiffness in the elderly."(Chair: Dr. Kim Sutton-Tyrrell)
- 1997-1999 Member, Faith Selzer, University of Pittsburgh, "Characteristics of Aortic Stiffness as Measured by Pulse Wave Velocity in Women with Systemic Lupus Erythematosus." (Chair: Dr. Kim Sutton-Tyrrell)
- 1999-2001 Member, Ping Guo, University of Pittsburgh, "Intraclass Correlation of Lesion Restenosis in the BARI Trial." (Chair: Dr. Sheryl F. Kelsey)

PEER-REVIEWED JOURNAL ARTICLES

1. Keenan HT, Clark AE, **Holubkov R**, Ewing-Cobbs L (2020). Changing Healthcare and School Needs in the First Year After Traumatic Brain Injury. *J Head Trauma Rehabil*, 35(1), E67-E77.
2. Gildea MR, Moler FW, Page K, Meert K, **Holubkov R**, Dean JM, Christensen JR, Slomine BS (2020). Methods Used to Maximize Follow-Up: Lessons Learned From the Therapeutic Hypothermia After Pediatric Cardiac Arrest Trials. *Pediatr Crit Care Med*, 21(1), 4-11.
3. Siems A, Banks R, **Holubkov R**, Meert KL, Bauerfeld C, Beyda D, Berg RA, Bulut Y, Burd RS, Carcillo J, Dean JM, Gradidge E, Hall MW, McQuillen PS, Mourani PM, Newth CJL, Notterman DA, Priestley MA, Sapru A, Wessel DL, Yates AR, Zuppa AF, Pollack MM (2020). Structured Chart Review: Assessment of a Structured Chart Review Methodology. *Hospital Pediatrics*, 10(1), 61-69.
4. Carcillo JA, Berg RA, Wessel D, Pollack M, Meert K, Hall M, Newth C, Lin JC, Doctor A, Shanley T, Cornell T, Harrison RE, Zuppa AF, Reeder RW, Banks R, Kellum JA, **Holubkov R**, Notterman DA, Dean JM, Eunice Kennedy Shriver National Institute of Child Health and Human Development Collaborative Pediatric Critical Care Research Network. (2019). A Multicenter Network Assessment of Three Inflammation Phenotypes in Pediatric Sepsis-Induced Multiple Organ Failure. *Pediatr Crit Care Med*, 20(12), 1137-1146.

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ORAL PRESENTATIONS

Meeting Presentations

International

2004

Englberger L, Carrel TP, Kennard ED, Holubkov R, Schaff HV. Importance of implant technique on risk of major paravalvular leak (PVL) after mechanical heart valve replacement: a report from the Artificial Valve Endocarditis Reduction Trial (AVERT). Presented at the 3rd Joint Meeting of the European Society for Cardio-thoracic Surgery and European Society for Thoracic Surgery

- 2004 Segler CP, Holubkov R, Fuller E. Predictors of lower extremity injury among climbers: a cross-sectional investigation. Presented at the Wilderness Medical Society's International Summer Conference on Wilderness Medicine, and accepted for publication in Wilderness & Environmental Medicine
- 1997 Holubkov R, Zenati M, Akin JJ, Courcoulas A. MIDCAB characteristics and results: the CardioThoracic Systems (CTS) registry. Presented at the World Congress on Minimally Invasive Cardiac Surgery, Paris, France, (poster presentation including a limited oral component).
- 1995 Holubkov R, Holt VL, Connell FA, LoGerfo JP. Analysis, comparison, and presentation of sparse outcome data by institution. Presented at the 1995 International Conference on Health Policy Research, Boston, MA

National

- 2001 Holubkov R, Karas RH, Pepine CJ, et al. Large brachial artery diameter is associated with angiographic CAD in women: a report from the NHLBI Women's Ischemia Syndrome Evaluation (WISE). Presented at the American College of Cardiology Scientific Sessions, New Orleans, LA
- 1996 Holubkov R, Yeh W, Kelsey SF, Detre KM. A Dynamic Approach to Recruiting Patients in a registry of coronary interventions. Presented at the Society for Clinical Trials Meetings, Pittsburgh, PA
- 1987 Detre KM and Holubkov R. Report on the 1985-86 NHLBI PTCA Registry. Presented to the ACC/AHA Subcommittee to Assess PTCA of the ACC/AHA Task Force on Assessment of Diagnostic and Therapeutic Cardiovascular Procedures, Chicago, IL

OTHER SCHOLARLY ACTIVITIES