

Joyce M. Lee, MD, MPH

Associate Professor

Robert P. Kelch, MD Research Professor of Pediatrics

Department of Pediatrics and Communicable Diseases

University of Michigan Health System

Child Health Evaluation and Research (CHEAR) Unit

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EDUCATION AND TRAINING

UNDERGRADUATE	Brown University (1991-1995) Providence, Rhode Island Major: Biochemistry	BA, 06/1995
PROFESSIONAL	University of Pennsylvania School of Medicine (1996-2000) Philadelphia, Pennsylvania	MD, 05/2000
	University of Michigan School of Public Health (2004-2006) Health Management and Policy Ann Arbor, Michigan	MPH, 06/2006

POSTDOCTORAL TRAINING

Internship in Pediatrics Children's Hospital Boston & Boston Medical Center Harvard Medical School Boston, Massachusetts	06/2000 - 06/2001
Residency in Pediatrics Children's Hospital Boston & Boston Medical Center Harvard Medical School Boston, Massachusetts	07/2001 - 06/2003
Fellow in Pediatric Endocrinology C.S. Mott Children's Hospital University of Michigan Ann Arbor, Michigan	07/2003 - 06/2006

Fellow in Pediatric Health Services Research 07/2004 - 06/2006
C.S. Mott Children's Hospital
University of Michigan
Ann Arbor, Michigan

CERTIFICATION AND LICENSURE

State of Michigan Full Medical License 2003 - present

State of Michigan Controlled Substance License 2003 - present

Diplomate of the American Board of Pediatrics
General Pediatrics 2003 - 2010
Pediatric Endocrinology 2008 - present

ACADEMIC, ADMINISTRATIVE, AND CLINICAL APPOINTMENTS

Clinical Fellow in Pediatrics 06/2000 - 06/2003
Harvard Medical School

Assistant Professor in Pediatrics 07/2006 - 08/2012
Division of Pediatric Endocrinology
Child Health Evaluation and Research Unit
University of Michigan
Ann Arbor, Michigan

Assistant Professor of Environmental Health Sciences 01/2011 - 08/2012
School of Public Health
University of Michigan
Ann Arbor, Michigan

Associate Professor of Pediatrics 09/2012 - present
Division of Pediatric Endocrinology
Child Health Evaluation and Research Unit
University of Michigan
Ann Arbor, Michigan

Associate Professor of Nutritional Sciences (previously Environmental Health Sciences) 09/2012 - present
School of Public Health
University of Michigan
Ann Arbor, Michigan

Visiting Scholar 09/2012 - 08/2013
Center for Health Policy
Stanford University School of Medicine

Palo Alto, California

Core Faculty Robert Wood Johnson Clinical Scholars Program University of Michigan Ann Arbor, Michigan	10/2013 - present
Visiting Scholar Google Life Sciences (now Verily) Mountain View, California	06/2015 - 09/2015
Robert P. Kelch, MD Research Professor of Pediatrics Department of Pediatrics University of Michigan	7/2016 - present

RESEARCH INTERESTS

I am a diabetes specialist, clinical/health services researcher, and designer. As one of the few individuals across the country who has completed dual training in Pediatric Endocrinology and Pediatric Health Services Research and a Master in Public Health, my research agenda focuses on the overarching themes of obesity and type 1 and type 2 diabetes. Because of my specialized training, I have been able to approach these problems from a unique vantage point, using a variety of methodologies including applied clinical research, epidemiologic analyses of nationally representative data, state transition modeling, cost-effectiveness analysis, as well as design and emerging technologies (design ethnography, participatory design, human-centered design, quality improvement science, and digital/social media communications).

I have been the recipient of multiple NIH grants focused on childhood obesity, linear growth, and type 2 diabetes risk. Through an NIH R01 grant I am studying the longitudinal performance of conventional and metabolomic biomarkers for identifying children with prediabetes and type 2 diabetes. Through an AHRQ R21 grant, I am using methods of human-centered design to develop prototypes of effective context-aware mobile technology systems and patient-centered personalized interactive data visualizations for individuals with type 1 diabetes. Finally through an engagement grant from the Patient Centered Outcomes Research Institute, I am working with an online community of patients and caregivers to develop a research focused virtual collaborative innovation network for individuals with type 1 diabetes.

I co-lead an interdisciplinary collaborative called HealthDesignBy.U.S, which supports the creation of maker movement for healthcare, creating opportunities for patients and caregivers to co-create tools, technologies, and systems for healthcare. Finally, I serve as the Social Media/Web Editor for the peer-reviewed journal JAMA Pediatrics.

GRANT SUPPORT

Present and Active:

Principal Investigator: Conventional and Metabolomic Predictors of Pediatric Prediabetes and Diabetes
NICHD, NIH 1-R01-HD-074559-01-A1
Total Cost: \$1,746,954 05/2014 - 04/2019
Effort: 35%

Co-Principal Investigator: Patient-Centered Data Visualization for Diabetes
AHRQ, R21HS023865-01
Total Cost: \$299,598 05/01/15 - 04/30/17
Effort: 20%

Principal Investigator: Mastering Adolescents' Knowledge and Engagement in Research (MAKE: Research)
PCORI Eugene Washington Engagement Award
Total Cost: \$250,000 07/01/17 - 06/30/19
Effort: 10%

Principal Investigator: reation of a Research Collaborative Innovation Network in Type 1 Diabetes
PCORI Eugene Washington Engagement Award
Total Cost: \$250,000 09/01/15 - 08/31/17
Effort: 12%

Co-Principal Investigator: Participatory, Patient-Centered Design for Engaged and Experiential Learning
Transforming Learning for a Third Century (TLTC)
University of Michigan Provost Office
Total Cost: \$50,000. 09/2015 - 03/2017

Site Principal Investigator: The Type 1 Diabetes Exchange
Co-Investigator: Designing a Learning Health System for Type 1 Diabetes
Jaeb Center for Health Research
The Leona M. and Harry B. Helmsley Charitable Trust
Total Cost: \$186,260. 10/2010 - 02/2017

Co-Investigator, Lifecourse Exposures and Diet: Epigenetic, Maturation, and Metabolic Syndrome
NIEHS, NIH 1P01ES022844-01 (PI: Karen Peterson)
07/2013 - 05/2018
Effort: 10%

Co-Investigator, A Crowdsourced Social Media Portal for Parents of Very Young Children with Type 1 Diabetes

NIDDK, NIH 1DP3DK108198-01 (PI: Tim Wysocki)

09/2015 - 09/2018

Effort: 5%

Co-Principal Investigator: M²TECH (Mott Mobile Technology for Enhancing Child Health)

Department of Pediatrics

Total Cost: \$129,626. 03/2013 - Present

Principal Investigator: Use of Geolocation to Enhance Understanding of Blood Sugar Patterns in Type 1 Diabetes

Benz Birth Defects Research Award

Department of Pediatrics, University of Michigan

Total Cost: \$20,000 03/2012 - Present

Principal Investigator: Gamifying Diabetes

Patient Education Awards Committee (PEAC)

University of Michigan Health System

Total Cost: \$10,000 02/2015 - Present

Previous:

Principal Investigator: Vitamin D Deficiency in Mothers and their Infants

Joel and Barbara Alpert Endowment for the Children of the City Research Grant

Boston University, 2001

Trainee: Training Grant for Pediatric Health Services Research

NICHD, NIH 5T32HD007534-07

University of Michigan Department of Pediatrics

06/2004 - 06/2006

Co-Investigator: Effectiveness of Continuous Glucose Sensors in Type 1 Diabetes

Juvenile Diabetes Research Foundation

Total Cost: \$10,000. 06/2006 - 07/2008

Effort: 5%

Principal Investigator: Clinical Sciences Scholars Program Award

University of Michigan

Total Cost: \$40,000. 07/2006 - 09/2013

Co-Investigator: Detroit Center for Research on Oral Health Disparities (PI, Ismail, Amid)
NIDCR, NIH U54 DE14261-07
Total Cost: \$6,139,743. 08/2007 - 03/2008 [project dates for full project 09/30/01 -
12/31/09]
Effort: 10%

Principal Investigator: Screening for Prediabetes and Diabetes in Children and Adolescents
Elizabeth Caroline Crosby Fund Recipient
ADVANCE Program, University of Michigan
Total Cost: \$3,500. 10/2007 - 10/2008

Principal Investigator: Junior Investigator Award
Department of Pediatrics, University of Michigan
Total Cost: \$25,000. 10/2007 - 12/2012

Principal Investigator: Screening for Prediabetes and Diabetes in Children and Adolescents
Faculty Grants and Awards Program
Office of the Vice President for Research, University of Michigan
Total Cost: \$15,000. 11/2007 - 03/2011

Principal Investigator: Screening for Prediabetes and Diabetes in Children and Adolescents
Elizabeth E. Kennedy Research Award
Department of Pediatrics, University of Michigan
Total Cost: \$20,000. 12/2007 - 01/2012

Principal Investigator: Social Network Influences on Adolescent Obesity Small Grant Program
Robert Wood Johnson Foundation Health and Society Scholars Program, 04/2008 -
03/2009
Total Cost: \$17,000. 04/2008 - 05/2009

Principal Investigator: Childhood Obesity and Type 2 Diabetes Trends: A Life Course Analysis
NIDDK, NIH, 1K08DK082386-01
Total Cost: \$610,000; 04/2008 - 03/2014
Effort: 75%

Principal Investigator: Screening for Prediabetes and Diabetes in Children and Adolescents
Investigator-Initiated Research Grant
Blue Cross Blue Shield of Michigan Foundation
Total Cost: \$75,000. 07/2008 - 12/2010

Principal Investigator: Screening for Prediabetes and Diabetes in Children and Adolescents
Pilot and Collaborative Grant
MICHR/CTSA, University of Michigan
Total Cost: \$50,000. 07/2008 - 11/2011

Principal Investigator: Social Network Influences on Adolescent Obesity: An Agent Based Modeling Approach

Center for Social Epidemiology and Population Health
School of Public Health, University of Michigan
Total Cost: \$19,000. 12/2009 - 08/2010

Principal Investigator: Pediatric Diabetes Consortium: Improving Care in Children with Type 1 Diabetes through Collaborative Research

Michigan Diabetes Research and Training Center Pilot and Feasibility Award, University of Michigan
Total Cost: \$50,000. 01/2010 - 11/2011

Principal Investigator: The Effects of Bisphenol A on Chronic Disease Risk Factors in US Children and Adolescents

Faculty Grants and Awards Program
Office of the Vice President for Research, University of Michigan
Total Cost: \$15,000. 08/2010 - 12/2010

Co-Investigator: Prenatal Lead Exposure, Early Childhood Growth, and Sexual Maturation (PI: Peterson, Karen)

NIEHS, NIH 1P20ES018171-01
Total Cost: \$388,350. 08/2010 - 11/2012
Effort: 8% (Concurrent with K08)

Principal Investigator: Rate of Weight Gain, Linear Growth, and Development During Childhood

NICHD, NIH, 1R03HD061438-01A2
Total Cost: \$108,902. 12/2010 - 11/2012
Effort: 10%, Concurrent with K08

Co-Investigator, Lead for BMI Quality Measures: The Quality Measurement, Evaluation, Testing, Review and Implementation Consortium (QMETRIC).

Agency for Healthcare Research and Quality (PI: Gary Freed)
Total Cost: \$7,998,239. 03/2011 - 02/2015
Effort: 5%

Site Principal Investigator: The Pediatric Diabetes Consortium

Jaeb Center for Health Research
Novo Nordisk
Total Cost: \$32,000. 01/2012 - 12/2013
Effort: 2%

Principal Investigator: Neighborhood Characteristics and Childhood Weight Trajectories: An Agent Based Modeling Approach
NIDDK, NIH, 1R03HD061438-01
Total Cost: \$100,000. 04/2012 - 03/2015
Effort: 5%

Principal Investigator: HealthDesignbyus: Participatory Design for Creating Health for and by the University of Michigan
Global Challenges for a Third Century's (GCTC) Team Development Grant
Total Cost: \$15,000. 03/2013 - 08/2014

Co-Investigator, Quality Improvement Network Lead: The Type 1 Diabetes Exchange
Jaeb Center for Health Research
The Leona M. and Harry B. Helmsley Charitable Trust
Total Cost: \$559,561. 04/2014 - 03/2015
Effort: 25%

HONORS AND AWARDS

Howard Hughes Advanced Research Fellowship, Brown University	1994
Alpha Omega Alpha Honors Society, University of Pennsylvania	2000
American Medical Women's Association Scholarship Citations	2000
Janet M. Glasgow Memorial Achievement Citation	2000
University of Michigan Employee Recognition Program Award	2007
Selected to 2007 "Guide to America's Top Physicians"	2007
Faculty Award for Clinical Investigation/Health Services, Pediatric Research Symposium, University of Michigan	2007
Brehm Investigator, Brehm Center for Type 1 Diabetes Research	2009
Best Doctors in America	2009, 2011, 2013, 2014
Mary Tyler Moore and S. Robert Levine, M.D., Excellence in Clinical Research Award [As Member of JDRF Continuous Glucose Monitoring Systems Research Group]	2011
Paul Kaplowitz, MD, Endowed Lectureship [Award from the American Academy of Pediatrics and the Pediatric Endocrine Society for contributions to quality and cost-effective care in Pediatric Endocrinology]	2016

MEMBERSHIPS IN PROFESSIONAL SOCIETIES

American Academy of Pediatrics	2003 - present
Lawson Wilkins Pediatric Endocrine Society Associate Member	2005 - present
American Diabetes Association	2006 - present
Society for Pediatric Research, Member	2008 - present
Society for Medical Decision Making	2010 - present

Academic Pediatric Society, Member 2016 - present

EDITORIAL POSITIONS

Web Editor 2014 - present

JAMA Pediatrics

Social Media Editor 2013 - present

JAMA Pediatrics

Editorial Board Member 2007 - 2013

JAMA Pediatrics

SCIENTIFIC ACTIVITIES

Ad hoc manuscript reviewer:

Annals of Epidemiology 2006 – present

Pediatrics 2006 – present

JAMA Pediatrics 2006 – present

Journal of Endocrinological Investigation 2007 – present

International Journal of Obesity 2007 - present

Pediatric Diabetes 2008 - present

Obesity 2008 - present

Journal of Adolescent Health 2009 - present

Journal of Pediatrics 2009 – present

American Journal of Clinical Nutrition 2011 – present

Public Health Nutrition 2011 – present

Diabetic Medicine 2011 – present

Grant Review:

Reviewer, NIH/NCCAM ZAT1 JH-28 Special Emphasis Panel Review
Committee 2008

Reviewer, NIH/ZRG1 EPS-H 51 R Special Emphasis Panel Review Committee 2009

Reviewer, American Diabetes Association, ADA and Sanofi Aventis U.S. 2011

Award in Health Services Research

Thrasher Research Foundation 2012

Reviewer, Michigan Institute for Clinical and Health Research K12 Grant
Review Committee 2014

TEACHING

Instructor in Biology and Chemistry, Milton Academy, Milton, Massachusetts 1995 - 1996

Undergraduate Students:

University of Michigan	
Jaimie Sarrault	2006 – 2009
Michael Young	2007 – 2008
Elive Likine	2011
Bowen Geng	2011
Ella Frances Douglas-Durham	2009
Baljeet Khaira	2009 - 2012
Preciosa Choi	2010 - 2015
Carolyn Ch'ng	2010
Megan Baker	2012 - 2014
Soyoun Cha	2012
Sophia Shui	2013
Jacob Hendricks (School of Art and Design)	2014 - 2015
Sam Oliver (School of Art and Design)	2014
Trevor Torres (Patient Advocate – Arts and Sciences)	2014 - 2015
Xiaoying He (School of Art and Design)	2014 - present
Margot Robert (School of Art and Design)	2014

Postgraduate/Masters Level:

Nicole Castagno	2009
Jennifer Larose	2009 - 2010
Surair Bashir	2010 – 2012
Ashley Eason (Social Work)	2011 – 2013
Nayla Kazzi	2011 - 2012
Connie Jeng (Health Informatics)	2013 - 2014
Budi Wibowo (School of Information)	2013 - 2015
Joosung Kim (School of Information)	2013 - 2014
Nick Reid (School of Information/School of Public Health)	2014 - 2015
Sean Doolan (School of Information)	2014 - 2015
Alyssa Hartsell (School of Public Health)	2015 - 2016
Valeria Gavrilă (School of Public Health)	2015 - 2016
Etiowo Usoro (School of Information)	2017 - present

Medical Students:

Tammy Chang	2006 - 2007
En-Ling Wu	2009 - 2012
Sydne Ford	2012
Faculty Mentor, Student Biomedical Research Program, University of Michigan Medical School	
Phoebe Cheng	2011
Lauren Dennisuk	2011
Brittani Jackson	2011
Ghada Mustapha	2014

Faculty Mentor, NIDDK Summer Internship Program Courtney Nelson	2012
<i>Pediatric Residents:</i>	
Peter Wolfgram, MD	2008 - 2009
Brendan Hursh, MD	2009 - 2010
<i>Pediatric Endocrinology Fellows:</i>	
Katernyna Kotlyarevska, MD	2008
Inas Thomas, MD (Faculty Member at University of Michigan)	2008
Donna Eng, MD (Faculty Member at DeVos Children's Hospital)	2011 - 2013
Andrea Granados, MD (Faculty Member at Washington University)	2012 - present
<i>Doctoral Students:</i>	
Ofra Duchin, MPH (Member of Doctoral Committee)	2011 - 2012
Yang Liu, PhD: School of Information (Member of Doctoral Committee)	2014 - 2015
Daniel Wu, PhD candidate: School of Information (Member of Doctoral Committee)	2015 - present
Elizabeth Kaziunas, PhD candidate: School of Information	2015 - present
<i>Post-doctoral Fellows:</i>	
Hedwig Lee, PhD (Associate Professor at University of Washington)	2010 - 2012
Kavita Desai, PhD: Scholarly Activity Committee	2011
<i>Junior Faculty:</i>	
Brigid Gregg, MD (University of Michigan, Pediatric Endocrinology)	2012 - present
Kangadurga Singer, MD (University of Michigan, Pediatric Endocrinology)	2012 - present
Ellen Selkie, MD (University of Michigan, Adolescent Medicine)	2015 - present
Kurt Schumacher, MD (University of Michigan, Pediatric Cardiology)	2015 - present
Ellen Selkie, MD (University of Michigan, Adolescent Medicine)	2016 - present
Sarah Lipson, PhD (University of Michigan, General Pediatrics)	2016 - present
Ryan Barbaro, MD (University of Michigan, Pediatric ICU)	2017 - present
<i>Lectures:</i>	
“Evaluation and Treatment of Short Stature” Pediatric Primary Care Lecture Series University of Michigan	2007
“Childhood Obesity: Evaluation and Screening for Co-morbidities” Pediatric Primary Care Lecture Series University of Michigan	2008

<p>“Growth Hormone, Estrogen, and the Promise of Adult Height” Robert Wood Johnson Scholars Program University of Michigan</p>	2008
<p>“Childhood Obesity: Evaluation and Screening for Co-morbidities” Pediatric Residency Seminar Series University of Michigan</p>	2008
<p>“Diabetes: Definition, Classification, and Treatment” Pediatric Residency Seminar Series University of Michigan</p>	2009
<p>“Disorders of Growth and Development” Endocrine Module University of Michigan Medical School</p>	2009
<p>“Endocrine Small Group Discussions” University of Michigan Medical School</p>	2009
<p>“Growth Hormone, Estrogen, and the Promise of Adult Height” Robert Wood Johnson Scholars Program University of Michigan</p>	2009
<p>“Hypopituitarism” Pediatric Residency Seminar Series University of Michigan</p>	2010
<p>“Type 1 Diabetes Management Survival Skills” Pediatric Endocrinology Survival Skills Course University of Michigan</p>	2010
<p>“Panhypopituitarism Survival Skills” Pediatric Endocrinology Survival Skills Course University of Michigan</p>	2010
<p>“Creating and Interpreting Receiver Operator Characteristic Curves” Educational Seminars for Research Mentees Child Health Evaluation and Research (CHEAR) Unit University of Michigan</p>	2010
<p>“Assessing Test Performance” Educational Seminars for Research Mentees Child Health Evaluation and Research (CHEAR) Unit University of Michigan</p>	2010

<p>“Classification of Type 1 and Type 2 Diabetes” Educational Seminars for Research Mentees Child Health Evaluation and Research (CHEAR) Unit University of Michigan</p>	2010
<p>“Growth Hormone, Estrogen, and the Promise of Adult Height” Robert Wood Johnson Scholars Program University of Michigan</p>	04/2010
<p>“Writing a Grant Proposal” Educational Seminars for Research Mentees Child Health Evaluation and Research (CHEAR) Unit University of Michigan</p>	01/2011
<p>“Short Stature: Evaluation and Management” Adult Endocrinology Fellow Seminar Series University of Michigan</p>	02/2011
<p>“Disorders of Growth and Development” Endocrine Module University of Michigan Medical School</p>	03/2011
<p>“Pediatric Diabetes: An Update” Pediatric Residency Seminar Series University of Michigan</p>	03/2011
<p>“Panhypopituitarism” Pediatric Residency Seminar Series University of Michigan</p>	04/2011
<p>“HbA1c for Identifying Children with Prediabetes and Diabetes: Practice and Policy Implications” Pediatric Residency Seminar Series University of Michigan</p>	09/2011
<p>“Disorders of Growth and Development” Endocrine Module University of Michigan Medical School</p>	03/2012
<p>“Epidemiologic Trends in Pediatric Diabetes and Birth Cohort Trends in Obesity” Diabetes Epidemiology Course University of Michigan School of Public Health</p>	09/2013

<p>“Doctors and Social Media: Will you Take the Plunge?” Robert Wood Johnson Scholars Program University of Michigan</p>	10/2013
<p>“Social Media: A Critical Tool for Public Health and Academic Research?” EHS 688: Topics in Environmental Health Sciences and Nutrition Environmental Health Sciences University of Michigan School of Public Health</p>	01/2014
<p>“The Problem of Short Boys and Tall Girls” Robert Wood Johnson Scholars Program University of Michigan</p>	03/2014
<p>“Puberty” Pediatric Residency Seminar Series University of Michigan</p>	04/2014
<p>“Medical Doctor or Maker Designer?” University of Michigan School of Information</p>	10/2014
<p>“Tall Boys and Short Girls: Pursuit of the American Dream” Robert Wood Johnson Scholars Program University of Michigan</p>	03/2015
<p>“The Networked Public Physician” Leadership Course for 1st year Medical Students University of Michigan</p>	04/2015
<p>“Applications of Social Media for Clinical Care and Research” Institute for Healthcare Policy and Innovation University of Michigan</p>	05/2015
<p>“You are a Medical Designer” Leadership Course for 1st year Medical Students University of Michigan</p>	01/2016
<p>“Social Media Superuser” Robert Wood Johnson Scholars Program University of Michigan</p>	01/2016
<p>“Design Thinking for Researchers” Robert Wood Johnson Scholars Program University of Michigan</p>	02/2016

“Digital Citizenship for Physicians” 02/2017
3rd year Medical Student Lecture
University of Michigan

DESIGN WORKSHOPS

Patient-centered Design Workshop: How Might We Improve Communication in 03/2014
Clinical Care

Committee on Emerging Technologies Mott Hospital
Department of Pediatrics, School of Art and Design

Design my Diabetes Solution Patient-centered Design Workshop 04/2014
Global Challenges for a Third Century Group
Society 2030
Committee on Emerging Technologies
Mott Hospital, Department of Pediatrics, School of Art and Design

Leveraging Social Media for Child Health Policy: Design Workshop 04/2014
Child Health Evaluation and Research (CHEAR) Unit

Resident Signout Deserves Great Design 06/2014
Department of Pediatrics
Global Challenges for a Third Century Group
Department Committee on Emerging Technologies

IDEO Design Workshop 09/2014
Stanford MedX Conference

Pediatric Diabetes Education Advisory Committee 11/2014
Pediatric Endocrinology/Mott Children’s Hospital

T1D Exchange/C3N Project Design Meeting #1 for a Learning Health System 11/2014
Cincinnati Children’s Hospital

Designing a Learning Health System for Type 1 Diabetes 01/2015
Division of Pediatric Endocrinology
University of Michigan

T1D Exchange/C3N Project Design Meeting #2 for a Learning Health System 04/2015
Cincinnati Children’s Hospital

#MakeHealth: Design Thinking for Health and Problem Solving 05/2015
Teaching and Technology Collaborative
University of Michigan

Hacking Diabetes JDRF Teen Central Program TypeOneNation Summit	05/2015
Design Thinking Bootcamp for Health Healthdesignby.us University of Michigan Schools of Medicine, Information, Art and Design	02/2016
Design the Future of Diabetes Education, A Workshop for Teens Healthdesignby.us University of Michigan School of Medicine and School of Information	04/2016
#MakeHealth: App Design by Teens for Teens with T1D JDRF Teen Central Program, TypeOneNation Summit	05/2016
Participatory Design Workshop for T1D Research 2016 Children with Diabetes Conference	07/2016
“Patient-centered Clinic Design Workshop” T1D Exchange Quality Improvement Network Meeting	01/2016

COMMITTEE, ORGANIZATIONAL, AND VOLUNTEER SERVICE

Divisional:

Pediatric Endocrinology Research Seminar Series, Coordinator	2008 - 2012
Research Director, Pediatric Diabetes Clinic, Pediatric Endocrinology Division	2013 - present
Child Health Evaluation Research Seminar Series, Coordinator	2014 - 2015
Quality Improvement Director and Lead for Developing Maintenance of Certification Quality Improvement Projects, Pediatric Endocrinology Division	2012 - present

Departmental:

Department of Pediatrics Database/Information Technology Working Group	2010
Chair, Emerging Technologies Task Force for the Department of Pediatrics	2013 - present
Member, Instructional/Research Track Promotions Committee	2014 - present

Health System:

Member, Diabetes Quality Management Committee	2008 - present
Member, Health System Diabetes Retreat Planning Committee	2011 - 2012
Member, Childhood Obesity Quality Management Committee	2011 - present

National:

Advisory Board Member, National Childhood Obesity Foundation	2009 - present
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Arkansas BMI National Advisory Panel	2009 - 2010
Ad Hoc Subcommittee Member for Pediatrics Program	2010
Planning for American Diabetes Association 2011 Scientific Sessions	
Ad Hoc Subcommittee Member for Economics/Health Care	2010 - 2011
Delivery Program Planning for American Diabetes Association 2011 Scientific Sessions	
Pediatric Endocrine Society Representative for Developing an Obesity Quality Improvement module for the American Board of Pediatrics for Maintenance of Certification	2010 - 2011
Pediatric Endocrine Society, Member, Obesity Committee	2010 - present
Elected Member, Executive Committee of the Section on Endocrinology for the American Academy of Pediatrics	2012 - 2013
Epic Pediatric Endocrinology Steering Committee	2014 - 2015

**VISITING PROFESSORSHIPS, SEMINARS, AND
EXTRAMURAL INVITED PRESENTATIONS**

“Height and Weight: Future Challenges for Pediatric Endocrinology” Division of Pediatric Endocrinology University of Pittsburgh	12/2005
“Height and Weight: Future Challenges for Pediatric Endocrinology” Division of Pediatric Endocrinology University of Chicago	12/2005
“Height and Weight: Future Challenges for Pediatric Endocrinology” Division of Pediatric Endocrinology University of Pennsylvania	01/2006
“Height and Weight: Future Challenges for Pediatric Endocrinology” Division of Pediatric Endocrinology University of Washington	01/2006
“Height and Weight: Future Challenges for Pediatric Endocrinology” Division of Pediatric Endocrinology Stanford University	02/2006
“Height and Weight: Future Challenges for Pediatric Endocrinology” Division of Pediatric Endocrinology Yale University	03/2006
“Cost-effectiveness of Real-time Continuous Glucose Monitoring in Individuals with Diabetes” Juvenile Diabetes Research Foundation Artificial Pancreas Project Meeting, Washington, D.C.	07/2006

<p>“Childhood Obesity and Type 2 Diabetes: A Life Course Analysis” Department of Ambulatory Care and Prevention Harvard Medical School</p>	<p>01/2009</p>
<p>“The Epidemic of Type 2 Diabetes in Children: Myth or Reality?” Pediatric Grand Rounds Boston Medical Center, Boston University School of Medicine</p>	<p>06/2009</p>
<p>“Is There Life after Residency?” Resident Morning Report Boston Medical Center, Boston University School of Medicine</p>	<p>06/2009</p>
<p>“The Epidemic of Type 2 Diabetes in Children: Myth or Reality?” Pediatric Grand Rounds Riley Children’s Hospital, Indiana University</p>	<p>06/2009</p>
<p>“Weight Status and Timing of Puberty” Endocrine Grand Rounds Indiana University</p>	<p>06/2009</p>
<p>“Media, Social, & Cultural Influences on Childhood Obesity” Moderator Pediatric Academic Societies’ Meeting Boston, Massachusetts</p>	<p>05/2012</p>
<p>“Social Media and Academic Medicine: An Unlikely Combination?” Department of Ambulatory Care and Prevention Harvard Medical School</p>	<p>05/2012</p>
<p>“Glu Patient Portal: Using Social Media To Engage and Empower” American Diabetes Association Meeting Philadelphia, Pennsylvania</p>	<p>06/2012</p>
<p>“The Epidemic of Type 2 Diabetes in Youth: Fact or Fiction?” American Association of Diabetes Educators Conference Indianapolis, Indiana</p>	<p>08/2012</p>
<p>“Social Media and Mobile Applications: Potential Tools for Childhood Type 2 Diabetes?” American Association of Diabetes Educators Conference Indianapolis, Indiana</p>	<p>08/2012</p>
<p>“Type 2 Diabetes in Children: Burden, Screening, and Treatment” Community Hospital 2013 Diabetes Symposium Munster, Indiana</p>	<p>03/2013</p>

<p>“Social Media and Medicine: Dangerous Liaisons” General Pediatrics Translational Seminar University of California, San Francisco</p>	03/2013
<p>“Emerging Technologies for Encouraging Healthy Behaviors in Children” Division of Adolescent Medicine Stanford University School of Medicine</p>	04/2013
<p>“Diabetes Screening in Overweight and Obese Adolescents” Division of Adolescent Medicine Stanford University School of Medicine</p>	04/2013
<p>“Patient Centeredness, Design Thinking, and Emerging Technologies for Accelerating Research and Health Outcomes” Center for Vulnerable Populations University of California, San Francisco</p>	04/2013
<p>“T1D Exchange: The Final Translation” T1D Exchange Investigators Meeting Tampa, Florida</p>	04/2013
<p>“Social Media: A Useful Tool for Research and Clinical Care in Pediatric Diabetes?” American Diabetes Association Chicago, Illinois</p>	06/2013
<p>“Social Media and Academic Medicine: Dangerous Liaisons” Center for Policy, Outcomes, and Prevention Stanford University School of Medicine</p>	06/2013
<p>“Social Media and Pediatric Diabetes” Division of Pediatric Endocrinology Stanford University School of Medicine</p>	07/2013
<p>“Doctor as Designer?” Cusp Design Conference 2013 Chicago, Illinois</p>	09/2013
<p>“T1D Exchange: From Research Registry to Quality Improvement Network” T1D Exchange National Meeting Tampa, Florida</p>	03/2014

<p>“Mobile and #socialmedia - the cutting-edge #diabetes technology of the future” 2014 Clinical Diabetes Technology Meeting Los Angeles, California</p>	04/2014
<p>“Design Thinking for Pediatric Adherence” Pediatric Academic Societies’ Meeting Vancouver, Canada</p>	05/2014
<p>“Healthdesignby.us: We #makehealth” Western Ontario University London, Canada</p>	10/2014
<p>“Social Media and the RWJF Clinical Scholar: Friend or Foe?” RWJF Clinical Scholars Program National Meeting New Orleans, Louisiana</p>	11/2014
<p>“We No Longer Live In the 1990s: Social Media is Diabetes Technology” Diabetes Technology Meeting Bethesda, Maryland</p>	11/2014
<p>“Participatory Design, the “Making” of Health, and the Future of Diabetes Technology” Diabetes Technology Meeting Bethesda, Maryland</p>	11/2014
<p>“Healthdesignby.us: Participatory Design and the ‘Making’ of Health” Cincinnati Health Services Research Matrix Seminar Cincinnati, Ohio</p>	11/2014
<p>“Social Media: A Useful Tool for Patient-centered Outcomes Research?” Brown University Emergency Medicine Digital Health Innovation Group Providence, Rhode Island</p>	02/2015
<p>“Medical Doctor, Maker Designer?” Brown University Emergency Department Providence, Rhode Island</p>	02/2015
<p>“Healthcare Transformation for Type 1 Diabetes” T1D Exchange, C3N Network Cincinnati, OH</p>	04/2015

<p>“A Quality Improvement Network for Type 1 Diabetes” T1D Exchange Investigators Meeting Tampa, FL</p>	04/2015
<p>“Making: the Future of Healthcare” HealthFoo 2015 Sebastopol, CA</p>	05/2015
<p>“A Community of Practice: Panel Discussion” Quantified Self Public Health Symposium La Jolla, CA</p>	05/2015
<p>“Medical Doctor as Maker Designer: Participatory Design for Healthcare” Vanderbilt University Tech Talks Nashville, TN</p>	06/2015
<p>“If You Are Not Public Do You Exist?” Vanderbilt University Nashville, TN</p>	06/2015
<p>“Applications of Social Media for Research and Health Promotion” American Diabetes Association Boston, MA</p>	06/2015
<p>“Nightscout: A Community Redesigning the Future of Healthcare” American Diabetes Association Boston, MA</p>	06/2015
<p>“Running Down A Dream: Experiences Building Peer-Produced Learning Health Systems” Stanford MedX Conference Stanford, CA</p>	09/2015
<p>MedX Media Makers Workshop Stanford MedX Conference Stanford, CA</p>	09/2015
<p>“Beyond Paper – New Approaches to Communicating Labeling to Patients” FDA Center for Devices and Radiological Health Medical Device Patient Labeling Public Workshop Bethesda, MD</p>	09/2015

<p>“User Differences: Who Is Your Audience?” FDA Center for Devices and Radiological Health Medical Device Patient Labeling Public Workshop Bethesda, MD</p>	09/2015
<p>“Participatory Design: A Tool for Transforming Healthcare?” Kaiser Care Management Institute Annual Meeting Berkeley, CA</p>	10/2015
<p>“You Are a Maker/Designer” Keynote: Kaiser Care Management Institute Annual Meeting – Maternal/Child Health Track Berkeley, CA</p>	10/2015
<p>“Nightscout: A Study in Patient-Lead Innovation” DiabetesMine D-Data Exchange Stanford, CA</p>	11/2015
<p>“What Is the Role of Social Media and the Internet for Promoting Diabetes Epidemiology and Prevention Research?” World Diabetes Congress 2015 Vancouver, BC</p>	12/2015
<p>“Participatory Design for Research, Clinical Care, and Education” Department of Pediatrics Stanford, CA</p>	12/2015
<p>“Is Transforming Diabetes Possible? Lessons from Participatory Design of Digital Solutions” American Diabetes Association 2016 New Orleans, LA</p>	06/2016
<p>“Design Thinking Inside Out, Panel Presentation” Stanford MedX Conference Stanford, CA</p>	09/2016
<p>“Harnessing Social Media for Diabetes Research” Diabetes Technology Society Washington, DC</p>	11/2016
<p>“Opportunities and Challenges in the Use of Real World Evidence for Medical Device and Drug Evaluation: Panel Discussion” Connected Health Washington, DC</p>	12/2016

“Social Media and How to Harness Its Potential: Panel Discussion” 3/2017
Diabetes Digital Congress
San Francisco, CA

NATIONAL WEBINARS

“Design Thinking Adventures of a Medical Designer” 03/2014
Innovation Learning Network

“Social Media and the Diabetes Educator: Friend or Foe?” 07/2014
American Association of Diabetes Educators

“Human Design Thinking Virtual Brown Bag Webinar” 10/2014
T1D Exchange/C3N Project Learning Health System

“The Maker Movement: A Model for Healthcare Transformation” 07/2016
Edge Talk, Horizons Group of NHS England

INTRAMURAL/REGIONAL PRESENTATIONS

“Height and Weight: Future Challenges for Pediatric Endocrinology” 01/2006
Division of Pediatric Endocrinology
Child Health Evaluation and Research (CHEAR) Unit
University of Michigan

“Height and Weight: Future Challenges for Pediatric Endocrinology” 01/2006
Division of Pediatric Endocrinology
Child Health Evaluation and Research (CHEAR) Unit
University of Michigan

“The Epidemic of Type 2 Diabetes in Children: Myth or Reality?” 03/2006
Pediatric Endocrinology Weekly Research Seminar
University of Michigan

“Stature: the Long and Short of It” 06/2006
Grand Rounds Presentation
Department of Pediatrics
University of Michigan

“The Epidemic of Type 2 Diabetes in Children: Myth or Reality?” 09/2006
Child Health Evaluation and Research (CHEAR) Unit
Health Services Research Seminar
University of Michigan

<p>“Screening for Insulin Resistance, Pre-diabetes, and Diabetes in Children and Adolescents” Pediatric Endocrinology Research Seminar University of Michigan</p>	<p>11/2007</p>
<p>“Hospitalizations for Diabetes over the Life Course” Child Health Evaluation and Research (CHEAR) Unit Health Services Research Seminar University of Michigan</p>	<p>12/2007</p>
<p>“The Epidemic of Type 2 Diabetes in Children: Myth or Reality?” C.S. Mott Children’s Hospital Advisory Board University of Michigan</p>	<p>05/2008</p>
<p>“Screening for Prediabetes and Diabetes in Children and Adolescents” Michigan Clinic Research Unit Seminar Series University of Michigan</p>	<p>08/2008</p>
<p>“Age-Period-Cohort Trends in Obesity: United States 1971-2006” Pediatric Endocrinology Research Seminar University of Michigan</p>	<p>10/2008</p>
<p>“Getting Heavier, Younger: Birth Cohort Trends in Obesity over the Life Course” Child Health Evaluation and Research (CHEAR) Unit Health Services Research Seminar University of Michigan</p>	<p>03/2009</p>
<p>“Childhood Obesity: Evaluation and Screening for Co-morbidities” Pediatric Grand Rounds St. Joseph Mercy Hospital</p>	<p>04/2009</p>
<p>“Social Network Influences on Adolescent Obesity” Robert Wood Johnson Health and Society Program University of Michigan</p>	<p>05/2009</p>
<p>“Getting Heavier, Younger: A Generational Shift in Obesity in the US” Project Healthy Schools University of Michigan</p>	<p>04/2010</p>
<p>“Diagnosis of Diabetes Using Hemoglobin A1c: Should Recommendations in Adults be Extrapolated to Adolescents?” Pediatric Endocrinology Research Seminar University of Michigan</p>	<p>04/2010</p>

<p>“Social Network Influences on Adolescent Obesity: An Agent-based Modeling Approach” Center for Social Epidemiology and Population Health University of Michigan</p>	04/2010
<p>“Bending the Childhood Obesity Curve: Implications of White House Policy Goals for Reducing Chronic Disease” Child Health Evaluation and Research (CHEAR) Unit Health Services Research Seminar University of Michigan</p>	06/2010
<p>“Performance of the ADA Screening Guidelines for Predicting Prediabetes or Type 2 Diabetes in Children.” Michigan Clinic Research Unit Seminar Series University of Michigan</p>	07/2010
<p>“Getting Heavier, Younger: A Generational Shift in Obesity in the US” Pediatric Grand Rounds University of Michigan</p>	07/2010
<p>“Generational Patterns of Obesity in the US: Policy Implications” Michigan Council for Maternal and Child Health Policy Forum C.S. Mott Children's Hospital University of Michigan</p>	09/2010
<p>“Age-Period-Cohort Trends in Obesity: United States 1971-2006” Pediatric Endocrinology Research Seminar University of Michigan</p>	09/2010
<p>“From Engulfed to Efficient: Time Management Strategies and Tools” Child Health Evaluation and Research (CHEAR) Unit Fellows Methods Research Seminar University of Michigan</p>	09/2010
<p>“From Engulfed to Efficient: Time Management Strategies and Tools” Pediatric Endocrinology Research Seminar University of Michigan</p>	10/2010
<p>“Getting Heavier, Younger: Implications for Society 2030” Society 2030 Consortium Meeting Institute for Social Research University of Michigan</p>	01/2011

<p>“Use of Hemoglobin A1c for Diagnosis of Diabetes in Children” Child Health Evaluation and Research (CHEAR) Unit Health Services Research Seminar University of Michigan</p>	03/2011
<p>“Use of Hemoglobin A1c for Diagnosis of Diabetes in Adults and Children” Grand Rounds, Division of Adult Endocrinology Wayne State University</p>	07/2011
<p>“Hemoglobin A1c for Diagnosis of Diabetes: Panacea or Peril?” Pediatric Endocrinology Research Seminar University of Michigan</p>	09/2011
<p>“Use of Hemoglobin A1c for Early Detection of Type 2 Diabetes: Panacea or Peril?” Congdon Lecture Series – Diabetes Genesys Regional Medical Center</p>	11/2011
<p>“A Birth Cohort Approach for Understanding Trends in Obesity” Science Café on Evolution, Obesity, and Public Health University of Michigan Museum of Natural History</p>	03/2012
<p>“Social Media and Academic Medicine: the Good, the Bad and the Ugly” Child Health Evaluation and Research (CHEAR) Unit Health Services Research Seminar University of Michigan</p>	05/2012
<p>“Social Media and Academic Medicine: Dangerous Liaisons” Pediatric Grand Rounds University of Michigan</p>	09/2013
<p>“Designing a Learning Health System for Type 1 Diabetes” Division of Pediatric Endocrinology University of Michigan</p>	01/2015
<p>“Panel Discussion on Patient Engagement” Detroit Healthcare Leaders Forum; Detroit Chamber of Commerce</p>	03/2015
<p>“Social Media Training for the Networked Public Physician” Pediatric Faculty Meeting University of Michigan</p>	04/2015
<p>“Social Media for Adolescent Healthcare Providers” 2015 Conference on Adolescent Health Ypsilanti, MI</p>	04/2015

“Applications of Social Media for Research” 10/2016
University of Michigan Medical School
Ann Arbor, MI

02/2017
“The Maker Movement and Personalized Digital Health Innovations for
Diabetes”
Collaboratory for Technology, Health, and Independence (CTHI)
University of Michigan

PUBLISHED PEER-REVIEWED QUALITY MEASURES

- 1) **Lee JM**, Freed GL, Shevrin CA, McCormick JA, Gebremariam A, Madden BW, Dombkowski KJ for the Quality Measurement, Evaluation, Testing, Review, and Implementation Consortium. Documentation of BMI percentile and weight classification for children. National Quality Measures Clearinghouse (NQMC). Rockville (MD): Agency for Healthcare Research and Quality (AHRQ). Published November 23, 2015. <http://www.qualitymeasures.ahrq.gov/content.aspx?f=rss&id=49238> and <http://www.qualitymeasures.ahrq.gov/content.aspx?f=rss&id=49239>.
- 2) **Lee JM**, Freed GL, Shevrin CA, McCormick JA, Gebremariam A, Madden BW, Dombkowski KJ for the Quality Measurement, Evaluation, Testing, Review, and Implementation Consortium. Communication of weight classification for children who are overweight or obese. National Quality Measures Clearinghouse (NQMC). Rockville (MD): Agency for Healthcare Research and Quality (AHRQ). Published November 23, 2015. <http://www.qualitymeasures.ahrq.gov/content.aspx?f=rss&id=49240>
- 3) **Lee JM**, Freed GL, Shevrin CA, McCormick JA, Gebremariam A, Madden BW, Dombkowski KJ for the Quality Measurement, Evaluation, Testing, Review, and Implementation Consortium. Hypertension screening for children who are overweight or obese. National Quality Measures Clearinghouse (NQMC). Rockville (MD): Agency for Healthcare Research and Quality (AHRQ). Published November 23, 2015. <http://www.qualitymeasures.ahrq.gov/content.aspx?f=rss&id=49241>
- 4) **Lee JM**, Freed GL, Shevrin CA, McCormick JA, Gebremariam A, Madden BW, Dombkowski KJ for the Quality Measurement, Evaluation, Testing, Review, and Implementation Consortium. Follow-up visits for children who are obese or overweight with a weight-related comorbidity. National Quality Measures Clearinghouse (NQMC). Rockville (MD): Agency for Healthcare Research and Quality (AHRQ). Published November 23, 2015. <http://www.qualitymeasures.ahrq.gov/content.aspx?f=rss&id=49242>

- 5) **Lee JM**, Freed GL, Shevrin CA, McCormick JA, Gebremariam A, Madden BW, Dombkowski KJ for the Quality Measurement, Evaluation, Testing, Review, and Implementation Consortium. Parent report of discussion of weight concerns for child. National Quality Measures Clearinghouse (NQMC). Rockville (MD): Agency for Healthcare Research and Quality (AHRQ). Published November 23, 2015.
<http://www.qualitymeasures.ahrq.gov/content.aspx?f=rss&id=49243>

BIBLIOGRAPHY

**indicates publications/abstracts with trainees*

- 1) Larson S, Luiggi H, **Lee JM**. Penn Med Language Link. *Acad Med* 999;74(5)
- 2) **Lee JM**, Greenes DS. Biphasic anaphylactic reactions in pediatrics. *Pediatrics* 2000;106(4):762.
- 3) **Lee JM**, Sundel RP, Liang MG. Fibroblastic rheumatism: Case report and review of the literature. *Pediatr Dermatol* 2002;19(6):532-5.
- 4) **Lee JM**, Menon RK. Molecular defects in the growth hormone-IGF axis; Recent advances. *Indian J Pediatr* 2005;72(2):145-148.
- 5) Aziz PF, **Lee J**, Cabana MD. An inappropriate diet. *Clin Pediatr (Phila)* 2005;44:735-7.
- 6) **Lee JM**, Menon RK. Issues and practices surrounding growth hormone for short children without a hormone deficiency. *Contemp Pediatr* 2005;22(10):46-53.
- 7) **Lee JM**, Herman WH, McPheeters ML, Gurney JG. An epidemiologic profile of children with diabetes in the United States. *Diabetes Care* 2006;29(2):420-421.
- 8) **Lee JM**, Davis MM, Clark SJ, Hofer TP, Kemper AR. Estimated cost-effectiveness of growth hormone therapy for idiopathic short stature. *Arch Pediatr Adolesc Med* 2006;160:263-269.
- 9) Gurney JG, Ness KK, Sibley SD, O'Leary M, Dengel DR, **Lee JM**, Youngren NM, Glasser SP, Baker KS. Metabolic syndrome and growth hormone deficiency in adult survivors of childhood acute lymphoblastic leukemia. *Cancer* 2006;107(6):1303-1312.
- 10) **Lee JM**, Howell JD. Tall girls: The social shaping of a medical therapy. *Arch Pediatr Adolesc Med* 2006;160:1035-1039.
- 11) **Lee JM**, Okumura MJ, Davis MM, Herman WH, Gurney JG. Prevalence and determinants of insulin resistance among U.S. adolescents: A population based study. *Diabetes Care* 2006;29:2427-2432.
- 12) **Lee JM**, Smith JR, Philipp BL, Chen TC, Mathieu J, Holick MF. Vitamin D deficiency in a healthy group of mothers and newborn infants. *Clin Pediatr (Phila)* 2007;46(1):42-44.

- 13) **Lee JM**, Davis MM, Clark SJ, Kemper AR. Threshold of evaluation for short stature in a pediatric endocrine clinic: differences between boys versus girls? *J Pediatr Endocrinol Metab* 2007;20(1):21-26.
- 14) **Lee JM**, Appugliese D, Kaciroti N, Corwyn RF, Bradley RH, Lumeng JC. Weight status in young girls and the onset of puberty. *Pediatrics* 2007;119:624-630.
- 15) **Lee JM**, Okumura MJ, Freed GL, Menon RK, Davis MM. Trends in hospitalizations for diabetes among children and young adults: United States, 1993-2004. *Diabetes Care* 2007;30:3035-3039.
- 16) **Lee JM**, Davis MM, Menon RK, Freed GL. Geographic distribution of childhood diabetes and obesity relative to the supply of pediatric endocrinologists in the United States. *J Pediatr* 2008;152(3):331-6. Epub 2007 Nov 5.
- 17) **Lee JM**. Why young adults hold the key to assessing the obesity epidemic in children. *Arch Pediatr Adolesc Med* 2008;162(7):682-687.
- 18) JDRF CGM Study Group. JDRF randomized clinical trial to assess the efficacy of real-time continuous glucose monitoring in the management of diabetes: research design and methods. *Diabetes Technol Ther* 2008 Aug;10(4):310-21.
- 19) Juvenile Diabetes Research Foundation Continuous Glucose Monitoring Study Group. Continuous glucose monitoring and intensive treatment of type 1 diabetes. *N Engl J Med* 2008;359:1464-76. Epub 2008 Sep 8. [**Lee** listed as study author]
- 20) Lim S, Zoellner JM, **Lee JM**, Burt BA, Sandretto AM, Sohn W, Ismail AI, Lepkowski JM. Obesity and sugar-sweetened beverages in African-American preschool children: a longitudinal study. *Obesity (Silver Spring)* 2009;17(6):1262-8. Epub 2009 Feb 5.
- 21) Thomas IH, Saini NK, Adhikari A, **Lee JM**, Kasa-vubu, JK, Vazquez DM, Menon RK, Chen M, Fajans SS. Neonatal diabetes mellitus with pancreatic agenesis in an infant with homozygous IPF-1 Pro63fsX60 mutation. *Pediatr Diabetes* 2009;10:492-6. Epub 2009 Jun 3.
- 22) **Lee JM**, Davis MM, Woolford SJ, Gurney JG. Waist circumference percentile thresholds for identifying adolescents with insulin resistance in clinical practice. *Pediatr Diabetes* 2009;10(5):336-42. Epub 2008 Oct 19.
- 23) **Lee JM**, Gebremariam A, Card-Higginson P, Shaw JL, Thompson, JW, Davis MM. Poor performance of body mass index as a marker for hypercholesterolemia in children and adolescents. *Arch Pediatr Adolesc Med* 2009;163(8):716-23.
- 24) **Lee JM**, Appugliese D, Coleman SM, Kaciroti N, Corwyn RF, Bradley RH, Sandberg DE, Lumeng JC. Short stature in a population-based cohort: Social, emotional, and behavioral functioning. *Pediatrics* 2009;124:903-10. Epub 2009 Aug 17.

- 25) Juvenile Diabetes Research Foundation Continuous Glucose Monitoring Study Group. The effect of continuous glucose monitoring in well-controlled type 1 diabetes. *Diabetes Care* 2009 Aug;32(8):1378-83. Epub 2009 May 8. [Lee listed as study author]
- 26) Lee JM, Pilli S, Gebremariam A, Keirns CC, Davis MM, Vijan S, Freed GL, Herman WH, Gurney JG. Getting heavier, younger: Birth cohort effects on obesity over the life course. *Int J Obes (Lond)*. 2010 Apr;34(4):614-23. Epub 2009 Dec 1.
- 27) Lee JM, Kaciroti N, Appugliese D, Corwyn RF, Bradley RH, Lumeng JC. Body mass index and timing of pubertal initiation in boys. *Arch Pediatr Adolesc Med* 2010;164(2):139-44.
- 28) Lee JM, Woolford SJ, Herman WH, Clark SJ. Does childhood overweight, parental perception of overweight, or family history of diabetes mellitus increase parental perception of type 2 diabetes risk for their child? *J Pediatr Endocrinol Metab* 2010 Mar;23(3):267-70.
- 29) Juvenile Diabetes Research Foundation Continuous Glucose Monitoring Study Group. Prolonged nocturnal hypoglycemia is common during 12 Months of continuous glucose monitoring in children and adults with type 1 diabetes. *Diabetes Care* 2010 May;33(5):1004-8. Epub 2010 Mar 3. [Lee listed as study author]
- 30) Lee JM, Lim S, Zoellner J, Burt BA, Sandretto AM, Sohn W, Ismail AI. Don't children grow out of their obesity? Weight transitions in early childhood. *Clin Pediatr (Phila)* 2010 May;49(5):466-9. Epub 2010 Jan 28.
- 31) Huang ES, O'Grady M, Basu A, Winn A, John P, Lee JM, Meltzer D, Kollman C, Laffel L, Tamborlane W, Weinzimer S, Wysocki T; The Juvenile Diabetes Research Foundation Continuous Glucose Monitoring Study Group. The cost-effectiveness of continuous glucose monitoring in type 1 diabetes. *Diabetes Care* 2010 Jun;33(6):1269-1274. Epub 2010 Mar 23.
- 32) Juvenile Diabetes Research Foundation Continuous Glucose Monitoring Study Group. Variation of interstitial glucose measurements assessed by continuous glucose monitors in healthy, non-diabetic individuals. *Diabetes Care* 2010 Jun;33(6):1297-9. Epub 2010 Mar 9. [Lee listed as study author]
- 33) Nafiu OO, Burke C, Lee JM, Voepel-Lewis T, Malviya S, Tremper Kevin. Neck circumference as a screening measure for identifying children with high body mass index. *Pediatrics* 2010 Aug;126(2):e306-10. Epub 2010 Jul 5.
- 34) Juvenile Diabetes Research Foundation Continuous Glucose Monitoring Study Group. Validation of measures of satisfaction with and impact of continuous and conventional glucose monitoring. *Diabetes Technol Ther* 2010 Sept;12(9): 679-684. [Lee listed as study author]

- 35) Pediatric Diabetes Consortium. The pediatric diabetes consortium: Improving care of children with type 1 diabetes through collaborative research. *Diabetes Technol Ther.* 2010 Sept;12(9):685-8. [Lee listed as study author]
- 36) The Juvenile Diabetes Research Foundation CGM Study Group, Juvenile Diabetes Research Foundation Continuous Glucose Monitoring Study Group, Beck RW, Lawrence JM, Laffel L, Wysocki T, Xing D, Huang ES, Ives B, Kollman C, Lee JM, Ruedy KJ, Tamborlane WV. Quality of life measures in children and adults with type 1 diabetes: The Juvenile Diabetes Research Foundation Continuous Glucose Monitoring randomized trial. *Diabetes Care* 2010 Oct;33(10):2175-7. Epub 2010 Aug 9.
- 37) Lee JM, Davis MM, Gebremariam A, Kim C. Age and sex differences in hospitalizations associated with diabetes. *J Womens Health (Larchmt)* 2010 Nov;19(11):2033-42. Epub 2010 Oct 12.
- 38) Kim C, Gebremariam A, Iwashyna TJ, Dalton VK, Lee JM. Longitudinal influences of friends and parents upon unprotected vaginal intercourse in adolescents. *Contraception* 2011 Feb;83(2):138-44. Epub 2010 Aug 23.
- 39) Kotlyarevska K,* Wolfgram P,* Lee JM. Is waist circumference a better predictor of insulin resistance than body mass index in US adolescents? *J Adolesc Health* 2011 Sep;49(3):330-3. Epub 2011 May 4.
- 40) Lee JM, Wu E,* Herman WH, Tarini BA, Yoon E. Diagnosis of diabetes using hemoglobin A1c: Should recommendations in adults be extrapolated to adolescents? *J Pediatr* 2011 Jun;158(6):947-52.e1-3. Epub 2010 Dec 30.
- 41) Lee JM, Rhee K, O'Grady MJ, Basu A, Winn A, John P, Meltzer DO, Kollman C, Laffel LM, Lawrence JM, Tamborlane WV, Wysocki T, Xing D, Huang ES. Health utilities for children and adults with type 1 diabetes. *Med Care* 2011 Oct;49(10):924-31.
- 42) Tansey M, Laffel L, Cheng J, Beck R, Coffey J, Huang E, Kollman C, Lawrence J, Lee J, Ruedy K, Tamborlane W, Wysocki T, Xing D; on behalf of Juvenile Diabetes Research Foundation Continuous Glucose Monitoring Study Group. Satisfaction with continuous glucose monitoring in adults and youths with type 1 diabetes. *Diabet Med* 2011 Sep;28(9):1118-1122.
- 43) Kim C, Sen A, Osborne E, Lee JM, Richardson CR. Associations between glucose tolerance and sex hormone binding globulin among women with recent gestational diabetes mellitus. *Diabetes Res Clin Pract* 2011 Sep;93(3):e110-2. Epub 2011 Jun 28.
- 44) Lee JM, Lee H.* Obesity reduction within a generation: The dual roles of prevention and treatment. *Obesity (Silver Spring)* 2011 Oct;19(10):2107-10. doi: 10.1038/oby.2011.199. Epub 2011 Jun 30.

- 45) **Lee JM**, Gebremariam A, Wu E,* LaRose J, Gurney JG. Evaluation of nonfasting tests to screen for childhood and adolescent dysglycemia. *Diabetes Care* 2011 Dec;34(12):2597-602. doi: 10.2337/dc11-0827. Epub 2011 Sep 27.
- 46) **Lee JM**, Gebremariam A, Vijan S, Gurney JG. Excess body mass index years, a measure of degree and duration of excess weight, and risk for incident diabetes. *Arch Pediatr Adolesc Med* 2012 Jan;166(1):42-8. doi: 10.1001/archpedi.166.1.42.
- 47) **Lee JM**, Villamor E. Tackling childhood overweight and obesity: Thresholds and beyond. *JAMA Pediatr* 2013 Jan;167(1):87-8. doi: 10.1001/jamapediatrics.2013.426.
- 48) Kaminski BM, Klingensmith GJ, Beck RW, Tamborlane WV, **Lee JM**, Hassan K, Schatz D, Kollman C, Redondo MJ; Pediatric Diabetes Consortium. Body mass index at the time of diagnosis of autoimmune type 1 diabetes in children. *J Pediatr* 2013 Apr;162(4):736-40.e1. doi: 10.1016/j.jpeds.2012.09.017. Epub 2012 Oct 23
- 49) Antonucci T, Ashton-Miller JA, Brandt J, Falk EB, Halter JB, Hamdemir L, Konrath SH, **Lee JM**, McCullough WR, Persad CC, Seydel R, Smith J, Webster NJ. The right to move: A multidisciplinary lifespan conceptual framework. *Curr Gerontol Geriatr Res* 2012;2012:873937. doi: 873937, doi:10.1155/2012/873937.
- 50) Wu E,* Kazzi N, **Lee JM**. Cost-effectiveness of screening strategies for identifying pediatric diabetes and dysglycemia. *JAMA Pediatr*. 2013 Jan;167(1):32-9. doi: 10.1001/jamapediatrics.2013.419.
- 51) Lee H,* Harris KM, **Lee JM**. Multiple levels of social disadvantage and links to obesity in adolescence and young adulthood. *J Sch Health* 2013 Mar;83(3):139-49. doi: 10.1111/josh.12009.
- 52) Wolfgram PM,* Sarrault J,* Clark SJ, **Lee JM**. State-to-state variability in Title V coverage for children with diabetes. *J Pediatr* 2013 Apr;162(4):873-5. doi: 10.1016/j.jpeds.2012.12.009. Epub 2013 Jan 13.
- 53) **Lee JM**, Gebremariam A, Woolford SJ, Tarini BA, Valerio MA, Bashir S, Eason AJ, Choi PY, Gurney JG. A risk score for identifying overweight adolescents with dysglycemia in primary care settings. *J Pediatr Endocrinol Metab* 2013;26(5-6):477-88. doi: 10.1515/jpem-2012-0259.
- 54) Eng DS,* **Lee JM**. The promise and peril of mobile health applications for diabetes and endocrinology. *Pediatr Diabetes* 2013 Jun;14(4):231-8. doi: 10.1111/pedi.12034. Epub 2013 Apr 30.
- 55) Tarini BA, Herman WH, **Lee JM**. Effects of hypothetical type 2 diabetes genetic testing on parents' efforts to prevent diabetes in children. *Clin Pediatr (Phila)*. 2013 Sep;52(9):821-8. doi: 10.1177/0009922813488644. Epub 2013 May 14.

- 56) Eng D,* **Lee JM**, Gebremariam A, Meeker J, Peterson K, Padmanabhan V. Bisphenol A and chronic disease risk factors in US children. *Pediatrics* 2013 Sep;132(3):e637-45. doi: 10.1542/peds.2013-0106. Epub 2013 Aug 19.
- 57) Lin MH, Connor CG, Ruedy KJ, Beck RW, Kollman C, Buckingham B, Redondo MJ, Schatz D, Haro H, **Lee JM**, Tamborlane WV, Wood JR. Race, socioeconomic status, and treatment center are associated with insulin pump therapy in youth in the first year following diagnosis of type 1 diabetes. *Diabetes Technol Ther* 2013 Nov;15(11):929-34. doi: 10.1089/dia.2013.0132. Epub 2013 Jul 19.
- 58) **Lee JM**, Eason A, Nelson C, Kazzi NG,* Cowan AE, Tarini BA. Screening practices for identifying type 2 diabetes in adolescents. *J Adolesc Health*. 2013 Feb;54(2):139-43. doi: 10.1016/j.jadohealth.2013.07.003. Epub 2013 Aug 20.
- 59) Lewis RC, Meeker JD, Peterson KE, **Lee JM**, Cantoral A, Tellez-Rojo MM. 2013. Predictors of urinary bisphenol A and phthalate metabolite concentrations in Mexican children. *Chemosphere* 2013 Nov;93(10):2390-8. doi: 10.1016/j.chemosphere.2013.08.038. Epub 2013 Sep 14.
- 60) Duchin O,* Marin C, Mora-Plazas M, Mendes de Leon C, **Lee JM**, Baylin A, Villamor E. 2014. A prospective study of body image dissatisfaction and BMI change in school-age children. *Public Health Nutr* 2014 Apr 4:1-7. [Epub ahead of print]. PubMed PMID: 24702970.
- 61) Duchin O,* Mora-Plazas M, Marin C, Mendes de Leon C, **Lee JM**, Baylin A, Villamor E. BMI and sociodemographic correlates of body image perception and attitudes in school-aged children. *Public Health Nutr* 2013 Sep 4:1-10. [Epub ahead of print] PubMed PMID: 24172038.
- 62) Lee H,* Andrew M, Gebremariam A, Lumeng JC, **Lee JM**. Longitudinal associations between poverty and obesity from birth through adolescence. *Am J Public Health* 2014 May;104(5):e70-6. doi: 10.2105/AJPH.2013.301806. Epub 2014 Mar 13.
- 63) Singer K,* Eng D,* Lumeng CN, Gebremariam A., **Lee JM**. The relationship between body fat mass percentiles and inflammation in children. *Obesity (Silver Spring)*. 2014 May;22(5):1332-6. doi: 10.1002/oby.20710. Epub 2014 Feb 18.
- 64) Cengiz E, Connor CG, Ruedy KJ, Beck RW, Kollman C, Klingensmith GJ, Tamborlane WV, **Lee JM**, Haller MJ; Pediatric Diabetes Consortium. Pediatric diabetes consortium T1D New Onset (NeOn) study: Clinical outcomes during the first year following diagnosis. *Pediatr Diabetes* 2014 Jun;15(4):287-93. doi: 10.10111/pedi.12068. Epub 2013 Aug 15.

- 65) Ferguson KK, Peterson KE, **Lee JM**, Mercado-García A, Blank-Goldenberg C, Téllez-Rojo MM, Meeker JD. Prenatal and peripubertal phthalates and bisphenol A in relation to sex hormones and puberty in boys. *Reprod Toxicol* 2014 Aug;47:70-6. doi: 10.1016/j.reprotox.2014.06.002. Epub 2014 Jun 16.
- 66) Asao K, Kaminski J, McEwen LN, Wu X, **Lee JM**, Herman WH. Assessing the burden of diabetes mellitus in emergency departments in the United States: The National Hospital Ambulatory Medical Care Survey (NHAMCS). *J Diabetes Complications* 2014 Sep-Oct;28(5):639-45. doi: 10.1016/j.jdiacomp.2014.02.005. Epub 2014 Feb 15.
- 67) Watkins DJ, Téllez-Rojo MM, Ferguson KK, **Lee JM**, Solano-Gonzalez M, Blank-Goldenberg C, Peterson KE, Meeker JD. In utero and peripubertal exposure to phthalates and BPA in relation to female sexual maturation. *Environ Res* 2014 Oct;134:233-41. doi: 10.1016/j.envres.2014.08.010. Epub 2014 Aug 29.
- 68) Granados A,* **Lee JM**. Insulin therapy for the management of diabetic ketoacidosis: Time for a paradigm shift? *JAMA Pediatr* 2014 Nov 1;168(11):990-1. doi: 10.1001/jamapediatrics.2014.1635.
- 69) Reis JP, Allen N, Barone-Gibbs B, **Lee JM**, Lewis CE, Lima J, Lloyd-Jones D, Loria CM, Powell-Wiley TM, Sharma S, Wei GS, Liu K. Association of the degree of adiposity and duration of obesity with measures of cardiac structure and function: The CARDIA Study. *Obesity* 2014 Nov;22(11):2434-40. doi: 10.1002/oby.20865. Epub 2014 Aug 13.
- 70) Asao K, McEwen L, **Lee JM**, Herman W. Ascertainment of outpatient visits by patients with diabetes: The National Ambulatory Medical Care Survey (NAMCS) and the National Hospital Ambulatory Medical Care Survey (NHAMCS). *J. Diabetes Complic* 2015 July; 29(5):650-8. doi: 10.1016/j.jdiacomp.2015.03.019. Epub 2015 Apr 7.
- 71) Gregg B,* Connor CG, Cheng P, Ruedy KJ, Beck RW, Kollman C, Schatz D, Cengiz E, Tamborlane WV, Klingensmith GJ, **Lee JM**; Pediatric Diabetes Consortium. C-peptide levels in pediatric type 2 diabetes in the Pediatric Diabetes Consortium T2D Clinic Registry. *Pediatr Diabetes*. 2015 May 5. doi: 10.1111/pedi.12280. Epub 2015 May 5
- 72) Klingensmith GJ, Connor CG, Ruedy KJ, Beck RW, Kollman C, Haro H, Wood JR, **Lee JM**, Willi SM, Cengiz E, Tamborlane WV; Pediatric Diabetes Consortium. Presentation of youth with type 2 diabetes in the pediatric diabetes consortium. *Pediatr Diabetes*. 2016 Jun; 17(4):266-273. doi: 10.1111/pedi.12281. Epub 2015 May 8.

- 73) **Lee JM**, Sundaram V, Sanders L, Chamberlain L, Wise P. Health care utilization and costs of publicly-insured children with diabetes in California. *J Pediatr*. 2016 Aug; 167(2):449-454.e6. doi: 10.1016/j.jpeds.2015.04.067. Epub 2015 May 28.
- 74) Gregg B,* Connor CG, Ruedy KJ, Beck RW, Kollman C, Schatz D, Cengiz E, Harris B, Tamborlane WV, Klingensmith GJ, **Lee JM**; Pediatric Diabetes Consortium. Body mass index changes in youth in the first year after type 1 diabetes diagnosis. *J Pediatr*. 2015 May; 166(5):1265-1269.e1. doi: 10.1016/j.jpeds.2015.02.036.
- 75) Perrin AJS, Guzzetta RC, Miller KM, Foster NC, Lee A, **Lee JM**, Block JM, Beck RW. A web-based study of the relationship of duration of insulin pump infusion set use and fasting blood glucose level in type 1 diabetes. *Diabetes Technol Ther*. 2015 May;17(5):307-10.
- 76) Reis JP, Loria CM, Sidney S, Gunderson E, Rana J, Allen N, **Lee JM**, Lewis CE, Powell TM, Wei GS, Liu K. Excess body mass index- and waist circumference-years and incident cardiovascular disease: The CARDIA Study. *Obesity (Silver Spring)*. 2015 Apr;23(4):879-85. doi: 10.1002/oby.21023.
- 77) Granados A,* Gebremariam A, **Lee JM**. Relationship Between Timing of Peak Height Velocity and Pubertal Staging in Boys and Girls. *J Clin Res Pediatr Endocrinol*. 2015 Sep 5;7(3):235-7.
- 78) Clements MA, Foster NC, Maahs DM, Schatz DA, Olson BA, Tsalikian E, **Lee JM**, Burt-Solorzano, Tamborlane WV, Chen V, Miller KM, Beck RW. Hemoglobin A1c (HbA1c) changes over time among adolescent and young adult participants in the T1D Exchange clinic registry. *Pediatr Diabetes*. 2016 Aug 17(5):327-36. doi:10.1111/pedi.12295
- 79) Schumacher K,* **Lee JM**. Pediatric Research 2.0: Harnessing Social Media for Child Health Research. *JAMA Pediatr* 2016 Jan 1;170(1):5-6. doi: 10.1001/jamapediatrics.2015.2696.
- 80) Pierce JS, Kozikowski C, **Lee JM**, Wysocki T. Type 1 diabetes in very young children: a model of parent and child influences on management and outcomes. *Pediatr Diabetes*. 2017 Feb;18(1):17-25. doi: 10.1111/pedi.12351.
- 81) **Lee, JM**, Wasserman R, Kaciroti N, Gebremariam A, Steffes J, Dowshen S, Harris D, Serwint J, Abney D, Smitherman L, Reiter E, Herman-Giddens, ME. Timing of puberty in overweight versus obese boys. *Pediatrics*. 2016 Feb 137(2):e20150164. doi: 10.1542/peds.2015-0164. Epub 2016 Jan 27.

- 82) **Lee JM**, Hirschfeld E, Wedding J. Patients Hacking Health: Promise and Challenges for a New Era in Medicine. *JAMA* 2016 Apr 12;315(14):1447-8. doi: 10.1001/jama.2016.1903. PMID: 27115262.
- 83) Schumacher KR, **Lee JM**, Pasquali SK. Social media in paediatric heart disease: professional use and opportunities to improve cardiac care. *Cardiol Young*. 2015 Dec;25(8):1584-9. doi 10.1017/S1047951115002292. PubMed PMID: 26675608.
- 84) Liu Y, Qiaozhu M, Hanauer Da, Zheng K, **Lee JM**. Use of Social Media in the Diabetes Community: An Exploratory Analysis of Diabetes-Related Tweets. *J Med Internet Res*. In Press.
- 85) Sauser Zachrison K, Iwashyna TJ, Gebremariam A, Hutchins M, **Lee JM**. Can Longitudinal Generalized Estimating Equation Models Distinguish Network Influence and Homophily? An Agent-Based Modeling Approach to Measurement Characteristics. *BMC Med Res Methodol*. 2016 Dec; 28;16(1):174. doi: 10.1186/s12874-016-0274-4.
- 86) Pierce, J., Kozikowski, C., **Lee, J.**, & Wysocki, T. (2017). Type 1 Diabetes in Very Young Children: A Model of Parent and Child Influences on Management and Outcomes. *Pediatric Diabetes*, Feb; 18(1):17-25. doi: 10.1111/pedi.12351 PMID: 26712357.
- 87) Awori J, **Lee JM**, A Maker Movement for Health: A New Paradigm for Health Innovation. *JAMA Pediatr*. 2017;171(2):107-108.
- 88) **Lee JM**, Newman MW, Gebremariam A, Choi P, Lewis D, Nordgren W, Costik J, Wedding J, West B, Benovich Gilby N, Hannemann C, Pasek J, Garrity A, Hirschfeld E. Real-World Use and Self-Reported Health Outcomes of a Patient-Designed Do-it-Yourself Mobile Technology System for Diabetes: Lessons for Mobile Health. *Diabetes Technol Ther* 2017 Feb 28.
- 89) Kaziunas, E., Lindtner, S., Ackerman, M.S. and **Lee, J.M.** Lived data: Tinkering with bodies, code and care work. *Human-Computer Interaction, Special Issue on The Examined Life: Personal Uses of Personal Data*. In Press.

Invited Reviews:

- 1) **Lee JM**. The changing epidemiology of childhood diabetes. *AAP Grand Rounds* 2006;15:18-19.
- 2) **Lee JM**. Insulin resistance in children and adolescents. *Rev Endocr Metab Disord* 2006;7(3):141-147.

Non-Peer-Reviewed Publications and Published Letters:

- 1) **Lee, JM.** Children with diabetes in the U.S. *Diabetic Microvascular Complications Today*. 2006;March-April: 18-19.
- 2) **Lee JM,** Kaciroti N, Corwyn RF, Bradley RH, Lumeng JC. Weight status in young girls and the onset of puberty. *Pediatrics* 2007;120(4):925-6. [Letter]

ABSTRACTS

- 1) **Lee JM,** Greenes DS. “Biphasic anaphylactic reactions in pediatrics.” Poster presentation. Pediatric Academic Societies' Annual Meeting, May 2000, Boston, Massachusetts.
- 3) **Lee JM,** Smith JR, Philipp BL, Holick MF. “Vitamin D deficiency: An unrecognized problem in infants and mothers in Boston.” Poster presentation. Pediatric Academic Societies' Annual Meeting, May 2004, San Francisco, California.
- 2) **Lee JM,** Cabana MD, Cuttler L, Clark SJ. “Growth hormone prescribing for idiopathic short stature: A pilot study of pediatric endocrinologist.” Poster presentation. European Society for Pediatric Endocrinology/Lawson Wilkins Pediatric Endocrine Society Meeting, September 2005, Lyon, France.
- 3) **Lee JM,** Herman WH, McPheeters ML, Gurney JG. “Health care utilization for children with diabetes in the United States.” Poster presentation. Pediatric Academic Societies' Annual Meeting, May 2006, San Francisco, California.
- 4) **Lee JM,** Appugliese D, Kaciroti N, Corwyn RF, Bradley RH, Lumeng JC. “The relationship between obesity and onset of puberty in young girls.” Poster presentation. The Endocrine Society Annual Meeting, June 2006, Boston, Massachusetts.
- 5) **Lee JM,** Appugliese D, Kaciroti N, Corwyn RF, Bradley RH, Lumeng JC. “Short stature and behavioral functioning: a population based study.” Poster presentation. The Endocrine Society Annual Meeting, June 2006, Boston, Massachusetts.
- 6) **Lee JM,** Gurney JG. “Prevalence of insulin resistance in U.S. adolescents.” Poster presentation, American Diabetes Association Meeting, June 2006, Washington D.C.
- 7) Chang T,* Davis MM, **Lee JM.** “Limitations of using diagnostic codes in a health system to classify Type 1 and Type 2 diabetes in children and young adults.” Poster presentation. Pediatric Academic Societies' Annual Meeting, May 2007, Toronto, Canada.
- 8) **Lee JM,** Okumura, MJ, Freed G L, Menon RK, Davis MM. “National diabetes trends among children and young adults: Nationwide inpatient sample, 1993-2003.” Poster presentation. Pediatric Academic Societies' Annual Meeting, May 2007, Toronto, Canada.

- 9) **Lee JM**, Gurney JG. “Universal versus race specific waist circumference percentiles for detecting insulin resistance in adolescents.” Poster presentation, American Diabetes Association Meeting, June 2007, Chicago, Illinois.
- 10) **Lee JM**, Appugliese D, Kaciroti N, Corwyn RF, Bradley RH, Lumeng JC. “Obesity and the timing of puberty among boys.” Platform presentation. Pediatric Academic Societies' Annual Meeting, May 2008, San Francisco, California.
- 11) **Lee JM**, Appugliese D, Kaciroti N, Corwyn RF, Bradley RH, Lumeng JC. “Weight status and the timing of adrenarche in young girls: A longitudinal study.” Poster presentation. Pediatric Academic Societies' Annual Meeting, May 2008, San Francisco, California.
- 12) **Lee JM**, Gebremariam A, Davis MM, Kim CK. “Trends in hospitalizations for diabetes over the life course” Poster presentation. American Diabetes Association Meeting, June 2008, San Francisco, California.
- 13) **Lee JM**, Gebremariam A, Davis MM. “Which clinical measure is better for predicting insulin resistance: Waist circumference, BMI, or both?” Poster presentation. American Diabetes Association Meeting, June 2008, San Francisco, California.
- 14) Tarini BA, Herman WH, **Lee JM**. “Pediatric genetic testing for type 2 diabetes: Effect on parental intentions to prevent type 2 diabetes” Poster presentation. Pediatric Academic Societies' Annual Meeting, May 2009, Baltimore, Maryland.
- 15) **Lee JM**. “Birth cohort effects of obesity over the life course: Implications for future chronic disease risk” Platform presentation. Pediatric Academic Societies' Annual Meeting, May 2009, Baltimore, Maryland.
- 16) **Lee JM**, Gebremariam A, Card-Higginson P, Shaw JL, Thompson, JW, Davis MM. “Body mass index: A poor marker for detecting children and adolescents with hypercholesterolemia?” Platform presentation. Pediatric Academic Societies' Annual Meeting, May 2009, Baltimore, Maryland.
- 17) Thomas IH, Saini NK, Adhikari A, **Lee JM**, Kasa-vubu JZ, Vazquez DM, Menon RK, Chen M, Fajans, SS. “Neonatal diabetes mellitus with pancreatic agenesis in an infant with homozygous Pro63fsdelC IPF-1 mutation.” Poster presentation. Pediatric Academic Societies' Annual Meeting, May 2009, Baltimore, Maryland.
- 18) Thomas I,* Gurney JG, **Lee JM**. “How well does body mass index predict differences in body fat during childhood? Findings from a nationally representative sample.” Poster presentation. Pediatric Academic Societies/European Society for Pediatric Endocrinology Joint Meeting, Sept 2009, New York, New York.

- 19) **Lee JM**, Wu E, Tarini BA, Herman WH, Yoon E. "Reliability of HbA1c for diagnosis of diabetes in adolescents." Platform presentation. Pediatric Academic Societies' Annual Meeting, May 2010, Vancouver, BC, Canada.
- 20) **Lee JM**, Gebremariam A, LaRose J, Wu E, Gurney JG. "Performance of nonfasting tests in relation to a fasting 2 hour glucose tolerance test for identifying children with prediabetes or type 2 diabetes." Oral presentation. American Diabetes Association Meeting, June 2010, Orlando, Florida.
- 21) **Lee JM**, Gebremariam A, LaRose J, Wu E, Gurney JG. "Performance of the ADA screening guidelines for predicting prediabetes or type 2 diabetes in children." Poster presentation. American Diabetes Association Meeting, June 2010, Orlando, Florida.
- 22) Woolford SJ, Gordon PM, Sallinen B, **Lee JM**. "Body mass index versus body fat according to obesity severity and gender in adolescents." Poster presentation. The Obesity Society's Annual Scientific Meeting, October 2010, San Diego, California.
- 23) **Lee JM**, Gebremariam A, Davis MM, Prosser L, Vijan S. "The impact of increasing degree and duration of obesity among US birth cohorts on type 2 diabetes trends in the US." Poster presentation. Society for Medical Decision Making. October 2010, Toronto, Canada.
- 24) Iwashyna T, Gebremariam A, Hutchins M, **Lee JM**. "Using GEE models to distinguish network influence from homophily: Pragmatic lessons from simulations." Oral presentation. Sunbelt XXXI. February 2011, St. Petersburg Beach, Florida.
- 25) **Lee JM**, Lee H.* "The balancing act of prevention versus treatment for achieving the White House Task Force Policy Goals for Childhood Obesity." Poster presentation. Pediatric Academic Societies' Annual Meeting, May 2011, Denver, Colorado.
- 26) Osborne E, Kim C, Sen A, **Lee JM**, Richardson C. "Associations between glucose tolerance and sex hormone binding globulin among women with recent gestational diabetes mellitus." Poster presentation. 12th Annual Meeting of the Diabetes in Pregnancy Study Group of North America, April 2011, Washington D.C.
- 27) **Lee JM**, Gebremariam A, Kim CK. "Sex hormone binding globulin and diabetes risk in overweight/obese adolescents." Poster presentation. American Diabetes Association Meeting, June 2011, San Diego, California.
- 28) **Lee JM**, Gebremariam A. "Impaired glucose tolerance: A condition associated with greater CV risk than impaired fasting glucose?" Poster presentation. American Diabetes Association Meeting, June 2011, San Diego, California.
- 29) **Lee JM**, Gebremariam A, Woolford SJ, Tarini BA, Valerio M, Gurney JG. "A clinical risk score for identifying children with prediabetes/diabetes." Poster presentation Annual Scientific Meeting of The Obesity Society. October 2011, Orlando, Florida.

- 30) Wu E,* Kazzi N,* **Lee JM**. “Cost-effectiveness of nonfasting screening strategies for identifying adolescent dysglycemia.” Oral presentation. Society for Medical Decision Making. October 2011, Chicago, Illinois.
- 31) Eng DS,* Meeker J, Peterson KA, **Lee JM**. “The association of 4-tert-octyl Phenol with diabetes and cardiovascular risk factors in US children and adolescents from NHANES 2003-10.” Poster presentation. Pediatric Academic Societies' Annual Meeting, May 2012, Boston, Massachusetts.
- 32) Lee H,* Andrews M, Gebremariam A, **Lee JM**. “Longitudinal associations between poverty and obesity from the prenatal period through adolescence.” Platform presentation. Pediatric Academic Societies' Annual Meeting, May 2012, Boston, Massachusetts.
- 33) Armitage R, **Lee J**, Bertram H, Hoffmann R. “Slow-wave EEG activity, glucose tolerance and insulin sensitivity in adolescents.” Oral Presentation. SLEEP2012, The annual meeting of the Associated Professional Sleep Societies, June, 2012, Boston, Massachusetts.
- 34) Eng D,* **Lee JM**. “TG/HDL ratio as a predictor of insulin resistance in U.S. adolescents.” Poster Presentation. American Diabetes Association Meeting, June 2012, Philadelphia, Pennsylvania.
- 35) Kazzi N,* Gebremariam A, **Lee JM**. “Racial differences in hemoglobin A1c in US children and adolescents.” Poster Presentation. American Diabetes Association Meeting, June 2012, Philadelphia, Pennsylvania.
- 36) Kazzi N,* **Lee JM**. “Association between Iron deficiency and hemoglobin A1c in US adolescents.” Poster presentation. American Diabetes Association Meeting, June 2012, Philadelphia, Pennsylvania.
- 37) Gregg B,* Wong-Jacobsen S, Schatz D, Cengiz E, Harris B, Tamborlane W, Klingensmith G, **Lee JM** for the Pediatric Diabetes Consortium. “Weight gain in the first year after diagnosis of type 1 diabetes.” Poster presentation. American Diabetes Association Meeting, June 2012, Philadelphia, Pennsylvania.
- 38) Cengiz E, Wong-Jacobseon S, Kollman C, Haymond M, Klingensmith G, **Lee JM**, Tamborlane W. “How common are episodes of diabetic ketoacidosis and severe hypoglycemia in the first year of diagnosis with type 1 diabetes?” Poster presentation. American Diabetes Association Meeting, June 2012, Philadelphia, Pennsylvania.
- 39) Eng DS*, Meeker J, Peterson KA, **Lee JM**. “The Association of 4-tert-octyl Phenol with Diabetes and Cardiovascular Risk Factors in US Children and Adolescents from NHANES 2003-10.” Poster presentation. University of Michigan Department of Pediatrics Research Symposium, October 2012, Ann Arbor, Michigan. **Fellows Award for Clinical Investigation/Health Services Research*

- 40) Witteman HO, Chipenda-Dansokho S, Sparling K, Bender J, Vlasnik K, Lichtman M, Archambault P, **Lee JM**. "Learning from patients via social media: A pilot study exploring what patients with chronic illness wish their healthcare providers knew." Oral presentation, Canadian Conference on Medical Education, Apr 26-29, 2014. Ottawa, Ontario, Canada.
- 41) **Lee JM**, Saynina O, Sanders L, Chamberlain L, Wise, P. "Trends and factors associated with specialty vs. non-specialty hospitalizations for children with diabetes." Poster presentation. Pediatric Academic Societies' Annual Meeting, May 2014, Vancouver, British Columbia.
- 42) **Lee, JM**, Wasserman R, Kaciroti N, Gebremariam A, Steffes J, Dowshen S, Harris D, Serwint J, Abney D, Smitherman L, Reiter E, Herman-Giddens, ME. "Obesity and timing of boys' pubertal development" Platform presentation. Pediatric Academic Societies' Annual Meeting, May 2014, Vancouver, British Columbia.
- 43) Granados, A,* Gebremariam A, **Lee JM**. Relationship between timing of peak height velocity and percentage of growth with pubertal staging in boys and girls. Endocrine Society Meeting. Poster Presentation, June 2014, Chicago, Illinois.
- 44) Granados, A,* Gebremariam A, **Lee JM**. "Relationship between timing of peak height velocity and percentage of growth with pubertal staging in boys and girls. Oral Presentation. Pediatric Research Symposium, University of Michigan. Oct 2014, Ann Arbor, Michigan.
- 45) Rimawi L, Newell K, **Lee JM**. "Redesigning the Food Allergy Experience: Pediatrician Moms Innovate through Social Media and Participatory Design". Oral Presentation. Stanford Medicine X, Sept 2014, Palo Alto, California.
- 46) **Lee JM**, Gebremariam A, Wibowo B.* Exploring Social Media Participation of a Diabetes Community on Twitter. Oral Presentation. Medicine X, Sept 2014, Palo Alto, California.
- 47) Granados A,* Wasserman R, Kaciroti N, Gebremariam A, Steffes J, Dowshen S, Harris D, Serwint J, Abney D, Reiter E, Herman-Giddens M, **Lee, JM**. Is there an association between body weight and pubic hair development in boys? Poster Presentation. Pediatric Academic Society Meeting. April 2015, San Diego, California.
- 48) **Lee JM**, Freed GL, Shevrin CM, McCormick JM, Gebremariam A, Madden BM, Dombkowski K. Testing and validation of quality measures for childhood obesity." Poster presentation. American Diabetes Association Meeting, June 2015, Boston, Massachusetts.
- 49) Kaziunas, E., Lindtner, S., Ackerman, M.S., **Lee, J**. DIY Diabetes Technology in the Nightscout Community: An Ethnographic Study. In Proceedings for CHI '16. Workshop on DIY Health and Wellbeing. Conference on Human Factors in Computing Systems, May 2016, San Jose, California.

50) Kaziunas, E., Ackerman, M.S., Lindtner, S. and **Lee, J.M.** Caring through data: Attending to the social and emotional experiences of health datafication. ACM Conference on Computer Supported Cooperative Work and Social Computing, February to March 2016, Portland, Oregon.

LANGUAGES

Fluent in Spanish.