

Joyce M. Lee, MD, MPH

Professor of Pediatrics

Robert P. Kelch, MD Research Professor of Pediatrics

Associate Chief Medical Information Officer for Pediatric Research

Associate Chair for Health Metrics and Learning Health Systems, Department of Pediatrics

Ambulatory Care Clinical Chief, Pediatric Medical Subspecialties

Department of Pediatrics and Communicable Diseases, Michigan Medicine

Susan B. Meister Child Health Evaluation and Research Center

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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	07/2003 - 06/2006

Ann Arbor, Michigan

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

Epic Physician Builder 2017 - present

Epic Clarity Database Proficiency 2018 - present

Advanced Quality Improvement Methods Course 2017 - 2018
Cincinnati Children's Hospital

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 - 08/2017
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) School of Public Health University of Michigan Ann Arbor, Michigan	09/2012 - 08/2017
Visiting Scholar Center for Health Policy Stanford University School of Medicine Palo Alto, California	09/2012 - 08/2013
Visiting Scholar Google Life Sciences (now Verily) Mountain View, California	06/2015 - 09/2015
Core Faculty Robert Wood Johnson Clinical Scholars Program University of Michigan Ann Arbor, Michigan	10/2013 - 2016
Robert P. Kelch, MD Research Professor of Pediatrics Department of Pediatrics University of Michigan	07/2016 - present
Professor of Pediatrics Division of Pediatric Endocrinology Susan B. Meister Child Health Evaluation and Research Center University of Michigan Ann Arbor, Michigan	09/2017 - present
Professor of Nutritional Sciences School of Public Health University of Michigan Ann Arbor, Michigan	09/2017 - present
Health Information Technology Faculty Champion Fast Forward Medical Innovation University of Michigan Ann Arbor, Michigan	06/2018 - 06/2020
Co-Director, Momentum Center for Childhood Obesity University of Michigan Ann Arbor, Michigan	06/2019 - present
Associate Chief Medical Information Officer for Pediatric Research Office of Clinical Informatics Michigan Medicine	07/2019 - present

Ann Arbor, Michigan

Associate Chair for Health Metrics and Learning Health Systems 07/2019 - present
Department of Pediatrics
Michigan Medicine
Ann Arbor, Michigan

Associate Director for Informatics and Clinical Research Innovation 07/2019 - present
Caswell Diabetes Institute
Michigan Medicine
Ann Arbor, Michigan

Ambulatory Care Clinical Chief, Pediatric Medical Subspecialties 06/2020 - present
University of Michigan Medical Group
Michigan Medicine
Ann Arbor, Michigan

RESEARCH INTERESTS

I am a pediatric translational researcher and was named the Robert P. Kelch Professor of Pediatrics in 2016. I am one of few individuals across the country who has completed dual training in Pediatric Endocrinology and Pediatric Health Services Research and a Master in Public Health, and my research agenda focuses on the overarching themes of childhood 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). To date, I have 130 peer-reviewed publications, and I am first or senior author on over 60 of those publications. Through my work I have developed a national and international reputation in the field of Pediatric Endocrinology.

At the 2016 Pediatric Academic Societies meeting, I was the first recipient of the *Paul Kaplowitz, MD, Endowed Lectureship* for my contributions to quality and cost-effective care in Pediatric Endocrinology, an award sponsored by the American Academy of Pediatrics and the Pediatric Endocrine Society. My major research contributions have included studies evaluating recommended screening guidelines for type 2 diabetes for overweight and obese children, studies evaluating the link between overweight and obesity and timing of puberty and chronic disease risk factors, research in health outcomes for type 1 diabetes, and studies of online health communities and patient innovation.

In 2018, I made a broader shift in my work to focus the development of learning health systems for obesity and diabetes. To support this shift in focus to a broader systems design approach to healthcare, I completed training in Advanced Methods in Quality Improvement at Cincinnati Children's, became an Epic Physician Builder to redesign the clinical workflow to support an LHS model, and achieved Clarity proficiency and skills in developing Tableau dashboards to free

health system data for clinical care, quality improvement, and research. As of July 2019, I have taken on the roles of Associate Chief Medical Information Officer for Pediatric Research and Associate Chair for Health Metrics and Learning Health Systems for the Department of Pediatrics which allows me to further support this vision for pediatric health. In 2020 I was named Ambulatory Care Clinical Chief for Pediatric Medical Subspecialties, an operational role which is guiding ambulatory health system redesign and that leverages my Health IT/Pediatrics leadership roles. I also hold the role of Associate Director for Informatics and Clinical Research Innovation for the Caswell Diabetes Institute, which has the objective of leveraging EHR tools and data for diabetes/metabolism researchers on campus.

My learning health system work focuses on two main areas:

1) **Type 1 Diabetes:** I collaborate with the T1D Exchange Quality Improvement Collaborative to improve the quality of care and health outcomes of individuals with Type 1 Diabetes. Particular areas of interest include adoption of telemedicine, Epic tool development and Tableau dashboard development for support operations and QI, measurement of patient reported outcomes (i.e. psychosocial outcomes) using Health IT tools, and interventions to support data literacy and data engagement among parents of children with T1D.

2) **Prevention and treatment of childhood overweight/obesity:** We are focused on development of collaboration across the state of Michigan to reduce childhood overweight/obesity rates (funded by the Michigan Health Endowment Fund). Furthermore, I serve as Director of the newly established [Childhood Obesity Research Core \(CORC\)](#), an NIH-funded core of the Michigan Nutrition Obesity Research Center which supports basic, clinical, and translational researchers focused on childhood nutrition and obesity and enhances integration of research into the clinical delivery system.

Other areas of interest include collaborations with human computing interaction and machine learning/artificial intelligence experts to understand how data can be used to solve real world healthcare problems, biomarker discovery for prediabetes and type 2 diabetes in children and the use of real-time CGM in prediabetes.

GRANT SUPPORT

Present and Active:

Co-Investigator, Michigan Nutrition Obesity Research Center
Childhood Obesity Research Core, *Core Director*

NIH 2P30DK089503-11

Total Cost: \$5,321,490. 07/01/20 – 06/30/25

Effort: 10%

Principal Investigator: Creation of a Learning Health System for Prevention and Management of Childhood Obesity Across the State of Michigan

Michigan Health Endowment Fund

Total Cost: \$238,019. 09/01/19 – 08/31/22

Effort: 10%

Co-Investigator: Using Population Surveillance Technology for the Identification of Infants with Congenital Cytomegalovirus Infection

Gerber Foundation N030009

Total cost: \$175,143. 12/4/20 – 12/31/23

Effort: 5%

Co-Investigator: MCT2D-MKIC CQI: A Statewide Type 2 Diabetes Quality Collaborative

Blue Cross Blue Shield

Effort: 20%

Co-Investigator: JDRF and the Caswell Diabetes Institute Center of Excellence at the University of Michigan

Project #4: Psychosocial and Cognitive Impact of T1D

Total cost: \$226,215. 10/01/2019 – 09/30/2022

Effort: 10%

Site Principal Investigator: The Type 1 Diabetes Exchange

Co-Investigator: Designing a Learning Health System for Type 1 Diabetes

Site Investigator: T1D Exchange Quality Improvement Collaborative

Jaeb Center for Health Research

The Leona M. and Harry B. Helmsley Charitable Trust

Total Cost: \$186,260. 10/2010 – present

Advisor: Michigan Center for Diabetes Translational Research

NIH/NIDDK 2 P30 DK092926-11

Total Cost: \$3,912,525. 8/1/21 – 7/31/26

Effort: 5%

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: 7.5%

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%

Principal Investigator: Gamifying Diabetes
Patient Education Awards Committee (PEAC)
University of Michigan Health System
Total Cost: \$10,000. 02/2015 – 02/2016

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 – 02/2016

Principal Investigator: Creation of a Research Collaborative Innovation Network in Type 1 Diabetes
PCORI Eugene Washington Engagement Award
Total Cost: \$250,000. 09/01/2015 – 08/31/2017
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

Co-Principal Investigator: Patient-Centered Data Visualization for Diabetes
AHRQ, R21HS023865-01
Total Cost: \$299,598. 05/01/2015 – 04/30/2018
Effort: 20%

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

Principal Investigator: Mastering Adolescents' Knowledge and Engagement in Research (MAKE: Research)
PCORI Eugene Washington Engagement Award
Total Cost: \$250,000. 07/01/2017 – 06/30/2019
Effort: 10%

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, A Crowdsourced Social Media Portal for Parents of Very Young Children with Type 1 Diabetes
NIDDK, NIH 1DP3DK108198-01 (PI: Tim Wysocki)
09/2015 – 09/2019
Effort: 5%

Principal Investigator: A Patient-Centered Research Network in Type 1 Diabetes powered by Mobile Technology and Social Media
Charles Woodson Collaborative Research Award
University of Michigan Department of Pediatrics
Total Cost: \$50,000. 04/2016 – 09/2019

Co-Principal Investigator: M²TECH (Mott Mobile Technology for Enhancing Child Health)
Department of Pediatrics
Total Cost: \$129,626. 03/2013 – 09/2019

Principal Investigator: Conventional and Metabolomic Predictors of Pediatric Prediabetes and Diabetes
NICHD, NIH 1-R01-HD-074559-01-A1
Total Cost: \$1,746,954. 05/1/2014 – 02/28/2020 (NCEX)
Effort: 35%

Principal Investigator: Leveraging E-Health to Improve Care for Pediatric Diabetes: A New Approach to Care Delivery for Children and Families

Michigan Health Endowment Fund

Total Cost: \$100,000. 05/01/18 – 04/30/20

Effort: 10%

Co-Principal Investigator: Reinforcement Learning for a Closed-Loop Artificial Pancreas System

JDRF Grant Key: 1-SRA-2019-824-S-B (PI: Dr. Wiens)

Total cost: \$200,000. 07/01/2019 – 07/01/2020

Effort: 5%

Co-Investigator: Targeting Self-Regulation to Promote Adherence and Health Behaviors in Children

NIH UH3HD087979

09/01/18 – 08/31/21

Effort: 10%

Co-Investigator: Parents' Self-Regulation and Youth Type 1 Diabetes Management

NIH UH3HD087979-04S1

12/01/18 – 08/31/21

Effort: 2%

Co-Principal Investigator: Learning Data-Driven Policies for Insulin Dosing Adjustments

University of MCubed Award

09/01/18 – 05/31/21

Effort: 0%

Co-Principal Investigator: Bringing Health to Everyday Life: Point of Decision Design to Address Childhood Obesity

University of MCubed Award

07/01/19 – 06/30/21

Effort: 0%

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

<i>Web Editor</i> <i>JAMA Pediatrics</i>	2014 - 2017
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<i>Social Media Editor</i> <i>JAMA Pediatrics</i>	2013 - 2017
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<i>Editorial Board Member</i> <i>JAMA Pediatrics</i>	2007 - 2013
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SCIENTIFIC ACTIVITIES

Type 1 Diabetes Exchange Quality Improvement Collaborative Data Science Committee Co-chair	2022 - Present
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Ad hoc manuscript reviewer:

<i>Annals of Epidemiology</i>	2006 – present
<i>Pediatrics</i>	2006 – present
<i>JAMA Pediatrics</i>	2006 – present
<i>Journal of Endocrinological Investigation</i>	2007 – present
<i>International Journal of Obesity</i>	2007 - present
<i>Pediatric Diabetes</i>	2008 - present
<i>Obesity</i>	2008 - present
<i>Journal of Adolescent Health</i>	2009 - present
<i>Journal of Pediatrics</i>	2009 – present
<i>American Journal of Clinical Nutrition</i>	2011 – present
<i>Public Health Nutrition</i>	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. Award in Health Services Research	2011
Thrasher Research Foundation	2012
Reviewer, Michigan Institute for Clinical and Health Research K12 Grant Review Committee	2014
Reviewer, NIH 10 ZDK1 GRB-1 (O3) Preventing Type 2 Diabetes	2017
Reviewer NIH ZDK1 GRB-9 (M4) NIDDK Research Project Grants	2018

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 - 2015
Margot Robert (School of Art and Design)	2014
Monica Choo	2016 - 2017
Katie White	2016 - 2017
Breann Edwards	2017 – 2019

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 (School of Information/School of Public Health)	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
Valerie Gavrilu (School of Public Health)	2015 - 2016
Etiowo Usoro (School of Information)	2017 - 2018
Emily Borst (Design Science)	2017 - 2018
Carly Runge (School of Public Health)	2018 - 2019
Socheatha Chan (School of Information/School of Public Health)	2018 - 2019
Mikayla Barry (School of Public Health)	2019
Stephen Grant Parker (School of Architecture and Design)	2019 - 2021
Aria Grabowski (School of Public Health)	2020 - 2021
Kimia Erfani (School of Architecture and Design)	2020 - 2021
Kimberly Fox (School of Public Health)	2020

Medical Students:

Tammy Chang	2006 - 2007
En-Ling Wu	2009 - 2012
Sydney 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
Michelle Ng	2019
Faculty Mentor, NIDDK Summer Internship Program	
Courtney Nelson	2012
Claire Chang	2021 - present

Pediatric Residents:

	2008 - 2009
Peter Wolfgram, MD	
Brendan Hursh, MD	2009 - 2010
Apoorva Aekka, MD	2019 - 2020
Jackie Fisher, MD	2020 - 2021

Pediatric Endocrinology Fellows:

	2008
Katernyna Kotlyarevska, MD	
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 - 2014
Nellie Said, MD	2020 - present

<i>Doctoral Students:</i>	2011 - 2012
Ofra Duchin, MPH (Member of Doctoral Committee)	
Yang Liu, PhD: School of Information (Member of Doctoral Committee)	2014 - 2015
Daniel Wu, PhD School of Information (Member of Doctoral Committee)	2015 - 2017
Elizabeth Kaziunas, PhD School of Information	2015 - 2017
Shriti Raj, PhD candidate in School of Information	2016 - present
Ian Fox, PhD candidate in Computer Science	2019 - 2020
Harry Rubin-Falcone, PhD candidate in Computer Science	2020 - present
Arohee Fulay (School of Public Health)	2021 - present

<i>Post-doctoral Fellows:</i>	2010 - 2012
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 (Pediatric Endocrinology)	2012 - present
Kanakadurga Singer, MD (Pediatric Endocrinology)	2012 - present
Ellen Selkie, MD (University of Michigan, Adolescent Medicine)	2015 - 2020
Kurt Schumacher, MD (Pediatric Cardiology)	2015 - 2016
Ryan Barbaro, MD (Pediatric ICU)	2017 - 2020
Teryn Bruni, PhD (Pediatric Psychology)	2019 - present
Kara Mizokami-Stout, MD (Adult Endocrinology)	2019 - present
Joseph Kohne, MD (University of Michigan, Pediatric ICU)	2019 - present
Zubin Modi, MD (University of Michigan, Pediatric Nephrolog)	2019 - 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
“Growth Hormone, Estrogen, and the Promise of Adult Height” Robert Wood Johnson Scholars Program University of Michigan	2008
“Childhood Obesity: Evaluation and Screening for Co-morbidities” Pediatric Residency Seminar Series University of Michigan	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
<p>“Digital Citizenship for Physicians” 3rd year Medical Student Lecture University of Michigan</p>	02/2017
<p>“Tall Boys and Short Girls: Pursuit of the American Dream” Robert Wood Johnson Scholars Program University of Michigan</p>	03/2017

<p>“Type 2 Diabetes in Children and Adolescents” Pediatric Endocrinology Fellowship Program University of Michigan</p>	01/2017
<p>“Social Media for Health Researchers” IHPI National Clinician Scholars Program University of Michigan</p>	01/2017
<p>“Tall Boys and Short Girls: Pursuit of the American Dream” IHPI National Clinician Scholars University of Michigan</p>	02/2017
<p>“Electronic Health Records and Quality of Care for Pediatric Obesity” Department of Nutrition University of Michigan School of Public Health</p>	10/2020
<p>“Type 2 Diabetes” Pediatric Endocrinology Fellowship Program University of Michigan</p>	06/2021
<p>“Electronic Health Records and Quality of Care for Pediatric Obesity” Department of Nutrition University of Michigan School of Public Health</p>	20/2021
<p>“Social Media for Healthcare and Research Professionals” Robert Wood Johnson Scholar Program University of Michigan</p>	02/2022

DESIGN WORKSHOPS

<p>Patient-centered Design Workshop: How Might We Improve Communication in Clinical Care Committee on Emerging Technologies Mott Hospital Department of Pediatrics, School of Art and Design</p>	03/2014
<p>Design my Diabetes Solution Patient-centered Design Workshop Global Challenges for a Third Century Group Society 2030 Committee on Emerging Technologies Mott Hospital, Department of Pediatrics, School of Art and Design</p>	04/2014
<p>Leveraging Social Media for Child Health Policy: Design Workshop Child Health Evaluation and Research (CHEAR) Unit</p>	04/2014

Resident Signout Deserves Great Design Department of Pediatrics Global Challenges for a Third Century Group Department Committee on Emerging Technologies	06/2014
IDEO Design Workshop Stanford MedX Conference	09/2014
Pediatric Diabetes Education Advisory Committee Pediatric Endocrinology/Mott Children's Hospital	11/2014
T1D Exchange/C3N Project Design Meeting #1 for a Learning Health System Cincinnati Children's Hospital	11/2014
Designing a Learning Health System for Type 1 Diabetes Division of Pediatric Endocrinology University of Michigan	01/2015
T1D Exchange/C3N Project Design Meeting #2 for a Learning Health System Cincinnati Children's Hospital	04/2015
#MakeHealth: Design Thinking for Health and Problem Solving Teaching and Technology Collaborative University of Michigan	05/2015
Hacking Diabetes JDRF Teen Central Program TypeOneNation Summit	05/2015
Design Thinking Bootcamp for Health Healthdesignby.us Schools of Medicine, Information, Art and Design University of Michigan	02/2016
Design the Future of Diabetes Education, A Workshop for Teens Healthdesignby.us University of Michigan School of Medicine/ 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
“You are a Healthcare Designer: An Introduction to Design Thinking” Fast Forward Medical Innovation	02/2017
“Diabetes Data Tinkering Workshop” Healthdesignby.us Collaborative	02/2018
“Research with the Nightscout Community” Friends For Life Diabetes Conference	07/2018
“Innovate + Health: A Patient-Centered Design Thinking Workshop” Fast Forward Medical Innovation/Healthdesignby.us Collaborative	09/2018
“You are a Designer: A Patient-Centered Design Thinking Workshop for the Frankel Cardiovascular Center” Fast Forward Medical Innovation/Healthdesignby.us Collaborative	02/2019
“You are an Educational Designer: An Introduction to Design Thinking” (RISE) Research. Innovation. Scholarship. Education. Fellowship Workshop and Evening Seminar Series	01/2020

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 - 2014
Member, Instructional/Research Track Promotions Committee	2014 – 2017
Co-Lead, Health Disparities Metrics Committee	2021 - 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 - 2012
Health IT Champion, Fast Forward Medical Innovation	2017 - 2020
Co-Lead, Metrics Workgroup for Michigan Medicine High Reliability Initiative	2020 - present
Member, Site of Care Optimization Committee, Mott Children’s Hospital	2020 - present
Member, 7-day Hospital Initiative, Mott Children’s Hospital	2020 - present

National:

Advisory Board Member, National Childhood Obesity Foundation	2009 - 2011
Arkansas BMI National Advisory Panel	2009 - 2010
Ad Hoc Subcommittee Member for Pediatrics Program Planning for American Diabetes Association 2011 Scientific Sessions	2010
Ad Hoc Subcommittee Member for Economics/Health Care Delivery Program Planning for American Diabetes Association Scientific Sessions	2010 - 2011
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 - 2012
Elected Member, Executive Committee of the Section on Endocrinology for the American Academy of Pediatrics	2012 - 2013
Epic Pediatric Endocrinology Steering Committee	2014 - 2015
National Advisory Board Member, Center for the Urban Child and Healthy Family, Boston University	2017 - present
Technical Expert Panel (TEP) Participant to design a Pediatric Weight Quality Measure for National Quality Forum (NQF) Endorsement convened by the National Association of Community Health Centers and the Centers for Disease Control and Prevention	Jan 2020

**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

<p>“Height and Weight: Future Challenges for Pediatric Endocrinology” Division of Pediatric Endocrinology Yale University</p>	03/2006
<p>“Cost-effectiveness of Real-time Continuous Glucose Monitoring in Individuals with Diabetes” Juvenile Diabetes Research Foundation Artificial Pancreas Project Meeting, Washington, D.C.</p>	07/2006
<p>“Childhood Obesity and Type 2 Diabetes: A Life Course Analysis” Department of Ambulatory Care and Prevention Harvard Medical School</p>	01/2009
<p>“The Epidemic of Type 2 Diabetes in Children: Myth or Reality?” Pediatric Grand Rounds Boston Medical Center, Boston University School of Medicine</p>	06/2009
<p>“Is There Life after Residency?” Resident Morning Report Boston Medical Center, Boston University School of Medicine</p>	06/2009
<p>“The Epidemic of Type 2 Diabetes in Children: Myth or Reality?” Pediatric Grand Rounds Riley Children’s Hospital, Indiana University</p>	06/2009
<p>“Weight Status and Timing of Puberty” Endocrine Grand Rounds Indiana University</p>	06/2009
<p>“Media, Social, & Cultural Influences on Childhood Obesity” Moderator Pediatric Academic Societies’ Meeting Boston, Massachusetts</p>	05/2012
<p>“Social Media and Academic Medicine: An Unlikely Combination?” Department of Ambulatory Care and Prevention Harvard Medical School</p>	05/2012
<p>“Glu Patient Portal: Using Social Media To Engage and Empower” American Diabetes Association Meeting Philadelphia, Pennsylvania</p>	06/2012
<p>“The Epidemic of Type 2 Diabetes in Youth: Fact or Fiction?” American Association of Diabetes Educators Conference Indianapolis, Indiana</p>	08/2012

<p>“Social Media and Mobile Applications: Potential Tools for Childhood Type 2 Diabetes?” American Association of Diabetes Educators Conference Indianapolis, Indiana</p>	08/2012
<p>“Type 2 Diabetes in Children: Burden, Screening, and Treatment” Community Hospital 2013 Diabetes Symposium Munster, Indiana</p>	03/2013
<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>“A Maker Movement for Health: A Model for Patient-driven Healthcare Innovation” Patient Innovation Awards, Catolica Lisbon Business School Lisbon, Portugal</p>	11/2016
<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
<p>“Social Media and How to Harness Its Potential: Panel Discussion” Diabetes Digital Congress San Francisco, CA</p>	03/2017
<p>“Design Thinking for Academic Researchers” Pediatric Academic Societies’ Meeting San Francisco, CA</p>	05/2017
<p>“Patient-driven Design and a Maker Movement for Health” HIMSS 2018 Las Vegas, NV</p>	03/2018
<p>“Integrating Design Using the Native Language of Healthcare” Health Design Conference, Rice University Houston, TX</p>	04/2018
<p>“DIY Diabetes: Lessons for Healthcare” American Diabetes Association 2018 Orlando, FL</p>	06/2018
<p>“When Perfect Algorithms Meet Imperfect Healthcare Systems” Machine Learning for Health Care Meeting 2018 Palo Alto, CA</p>	08/2018
<p>“You Are a Designer: Human-Centered Design for Healthcare” HITS Health Informatics Tri-State Summit at University of Southern Indiana Evansville, IN</p>	10/2018
<p>“Digital Professionalism for Healthcare Stakeholders” HITS Health Informatics Tri-State Summit at University of Southern Indiana Evansville, IN</p>	10/2018
<p>“Social Media for Communicating Your Science” American Diabetes Association 2019 San Francisco, CA</p>	06/2019

<p>“Design for Artificial Intelligence: When Perfect Algorithms Meet Imperfect Healthcare Systems” Health Impact East, NODE.Health New York, NY</p>	06/2019
<p>“Leveraging AI to Bring Humanity Back to Healthcare” Health Impact East, NODE.Health New York, NY</p>	06/2019
<p>“On the Importance of Usable Design for Healthcare” Keynote, Great Lakes Health Connect 2019 Summit Series Troy, MI</p>	09/2019
<p>“Using Social Media to Facilitate Support Among Patients with Type 1 Diabetes” Great Plains Pediatric Endocrine Symposium Kansas City, MO</p>	10/2019
<p>“Design for Artificial Intelligence” Kidney Week 2019, American Society of Nephrology Washington DC</p>	11/2019
<p>“Social Media for Diabetes Professionals” WIN ADA Meeting Indianapolis, IN</p>	11/2019
<p>“Design of the Electronic Health Record to Support a Learning Health System” World Usability Day Keynote Epic Systems Corporation Verona, WI</p>	12/2019
<p>“Telemedicine in the Type 1 Diabetes QI Collaborative” T1D Exchange QI Collaborative Meeting</p>	11/2020
<p>“Electronic Health Record Design to Support a Learning Health System” Helen DeVos Children’s Hospital Grand Rapids, MI</p>	01/2021

NATIONAL INTERNATIONAL WEBINARS

<p>“Design Thinking Adventures of a Medical Designer” Innovation Learning Network</p>	03/2014
<p>“Social Media and the Diabetes Educator: Friend or Foe?” American Association of Diabetes Educators</p>	07/2014

“Human Design Thinking Virtual Brown Bag Webinar” T1D Exchange/C3N Project Learning Health System	10/2014
“The Maker Movement: A Model for Healthcare Transformation” Edge Talk, Horizons Group of NHS England	07/2016
“Showcase of Youth Innovators in Pediatrics” Family Partnerships Network, American Academy of Pediatrics	11/2017
“Lead User Innovation and the Maker Movement: Opportunities for Healthcare” Optum Labs Leadership Learning Series	04/2018
“Contributor to the Diabetes CGM Working Group” National Committee for Quality Assurance (NCQA) Quality Summit	07/2021
"Can Use of Diabetes-Related Technology Reduce Psychosocial Burden?" Professional Interest Group Discussion for Diabetes in Youth – Supporting Youth In Psychosocial Aspects of Diabetes Self- Management- Strategies for Clinics. ADA 82 nd Scientific Session Conference.	6/5/2022
“Implementing Digital Quality Measure Concepts: Advancing Diabetes Distress Measurement and Leveraging Glucose Management Indicator (GMI) as a Gateway to CGM Measures Beyond HbA1c” Panel Member NCQA and Health Level Seven (HL7) International Digital Quality Summit Virtual Conference	07/2021

INTRAMURAL/REGIONAL PRESENTATIONS

“Height and Weight: Future Challenges for Pediatric Endocrinology” Division of Pediatric Endocrinology Child Health Evaluation and Research (CHEAR) Unit University of Michigan	01/2006
“Height and Weight: Future Challenges for Pediatric Endocrinology” Division of Pediatric Endocrinology Child Health Evaluation and Research (CHEAR) Unit University of Michigan	01/2006
“The Epidemic of Type 2 Diabetes in Children: Myth or Reality?” Pediatric Endocrinology Weekly Research Seminar University of Michigan	03/2006

<p>“Stature: The Long and Short of It” Grand Rounds Presentation Department of Pediatrics University of Michigan</p>	06/2006
<p>“The Epidemic of Type 2 Diabetes in Children: Myth or Reality?” Child Health Evaluation and Research (CHEAR) Unit Health Services Research Seminar University of Michigan</p>	09/2006
<p>“Screening for Insulin Resistance, Pre-diabetes, and Diabetes in Children and Adolescents” Pediatric Endocrinology Research Seminar University of Michigan</p>	11/2007
<p>“Hospitalizations for Diabetes over the Life Course” Child Health Evaluation and Research (CHEAR) Unit Health Services Research Seminar University of Michigan</p>	12/2007
<p>“The Epidemic of Type 2 Diabetes in Children: Myth or Reality?” C.S. Mott Children’s Hospital Advisory Board University of Michigan</p>	05/2008
<p>“Screening for Prediabetes and Diabetes in Children and Adolescents” Michigan Clinic Research Unit Seminar Series University of Michigan</p>	08/2008
<p>“Age-Period-Cohort Trends in Obesity: United States 1971-2006” Pediatric Endocrinology Research Seminar University of Michigan</p>	10/2008
<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>	03/2009
<p>“Childhood Obesity: Evaluation and Screening for Co-morbidities” Pediatric Grand Rounds St. Joseph Mercy Hospital</p>	04/2009
<p>“Social Network Influences on Adolescent Obesity” Robert Wood Johnson Health and Society Program University of Michigan</p>	05/2009

<p>“Getting Heavier, Younger: A Generational Shift in Obesity in the US” Project Healthy Schools University of Michigan</p>	04/2010
<p>“Diagnosis of Diabetes Using Hemoglobin A1c: Should Recommendations in Adults be Extrapolated to Adolescents?” Pediatric Endocrinology Research Seminar University of Michigan</p>	04/2010
<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
<p>“Applications of Social Media for Research” University of Michigan Medical School Ann Arbor, MI</p>	10/2016
<p>“The Maker Movement and Personalized Digital Health Innovations for Diabetes” Collaboratory for Technology, Health, and Independence (CTHI) University of Michigan Ann Arbor, MI</p>	02/2017
<p>“Design of a Patient-Centered Learning Healthcare System for Type 1 Diabetes” Learning Health Systems Michigan Medicine Ann Arbor, MI</p>	10/2017
<p>“Components of a Learning Healthcare System for Diabetes” Michigan Center for Diabetes Translational Research Ann Arbor, MI</p>	05/2018
<p>“On Norman doors, sign design, and why you need to think like a designer!” Michigan Center for Integrative Research in Critical Care (MCIRCC) Reimagining Critical Care Seminar Series</p>	02/2019
<p>“You are a Surgical Designer” Department of Surgery, Michigan Medicine</p>	08/2019
<p>“On the Design of Learning Health Systems for Child Health” Susan B. Meister Child Health Evaluation and Research Center Ann Arbor, MI</p>	10/2019
<p>“Use of Health Informatics to Support a Learning Health System” Division of Pediatric Nephrology University of Michigan Ann Arbor, MI</p>	02/2021

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>

- 6) **Joyce M. Lee**, Deborah J. Watkins, Brisa N. Sánchez, Martha Maria Téllez-Rojo, Adriana Mercado-García, Clara Blank-Goldenberg, Karen E. Peterson, and John D. Meekera. Phthalate and bisphenol A exposure during in utero windows of susceptibility in relation to reproductive hormones and pubertal development in girls. *Environmental Research*. Published August 8, 2017.
<https://www.sciencedirect.com/science/article/pii/S0013935117309106?via%3Dihub>

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.
- 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.
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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

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- 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.
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- 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.
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- 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.
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- 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.
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- 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.
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- 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.

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- 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.
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- 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.

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- 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, JM**. 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, JM**. 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.
- 51) Wysocki, Tim Karen Aroian, Joyce Lee, Caldwell, Cindy D. Psychosocial Issues. Poster Presentation. 43rd Annual Conference of the International Society for Pediatric and Adolescent Diabetes. October 18, 2017, Innsbruck, Austria
- 52) Gállego Suárez C, Hirschfeld E, Abrishami S, Griffin C, Tzau A, Sturza J, **Lee JM**, Singer K. The Relationship between Myeloid Leukocyte Profiles and Metabolic Impairment in Overweight and Obese Children and Adolescents. ENDO 2018, March 2018, Chicago, IL
- 53) Shah A., Corathers S, Alonso GT, Buckingham DA, Cabrera AB, Clements MA, Desalvo DJ, Kamboj MK, Lambert KL, Metha SN, Ohmer AL, Rioles NA, Sonabend R, **Lee JM**. Establishment of the Type 1 Diabetes Exchange QI Learning Collaborative (T1DX-LC), American Diabetes Association’s 78th Scientific Sessions June 2018, Orlando, FL
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- 56) Wysocki T., Pierce J., Caldwell C., Aroian K., Miller L., Farless R., Hafezzadeh I., McAninch., **Lee JM**. A Web-Based Coping Intervention by and for Parents of Very Young Children with Type 1 Diabetes: User-Centered Design: Nemours Children's Health System, December 12, 2018, Jacksonville, FL, 32207
- 57) **Lee JM**, Peterson KE, Orringer K, Dombkowski K, Dhadphale E, Garrity A, Runge C, Gavrila V. "Establishing a Learning Health System for Childhood Obesity at Michigan Medicine." Poster presentation. Michigan Nutrition Obesity Research Center Annual Symposium, March 2019, Ann Arbor, MI.
- 58) Enlow PT, Wasserman R, Pierce J, Aroian K, **Lee JM**, Wysocki T. Psychometric properties of the Parent-Preschool Diabetes Adjustment Scale (PP-DAS). Society of Pediatric Psychology Annual Conference, April 2019, New Orleans, LA.
- 59) Pierce J, Wasserman R, Enlow P, Aroian, **Lee JM**, Wysocki T. Validation of the Diabetes Benefit Finding Scale for Parents. Society of Pediatric Psychology Annual Conference, April 2019, New Orleans, LA.
- 60) Alonso GT, Thomas S, Garey C, Buckingham DA, Cabrera AB, Clements MA, Corathers S, DeSalvo DJ, Garrity A, **Lee JM**, McDonough R, Mostajabi F, Yee C, Kamboj MK. Outpatient diabetes encounter visit frequency in the T1D Exchange Quality Improvement Collaborative. Poster session presented at the American Diabetes Association Scientific Sessions June 2019, San Francisco, CA.
- 61) Cabrera AB, Alonso GT, Corathers S, **Lee JM**, Prahalad P, Rioles NA. Assessing Data Availability and Benchmarking Performance of Quality Measures for the T1D Exchange Quality Improvement (T1DX-QI) Collaborative. Poster session presented at the American Diabetes Association Scientific Sessions, June 2019, San Francisco, CA.
- 62) Raj S, **Lee JM**, Kay M, Newman MW. Towards Assessment of Personal Health Data Literacy in Type 1 Diabetes. Workgroup on Interactive Systems in Healthcare, Proceedings of the 2019 CHI Conference on Human Factors in Computing Systems.
- 63) Wheelock KM, **Lee JM**, Ghanbari H. Emerging Design Principles for Prediction Algorithms: Lessons from the Frontline of Healthcare. Conference on Computer-Supported Cooperative Work and Social Computing, Nov 2019, Austin, Texas.

- 64) Vajravelu ME, **Lee JM**, Shults J, Amaral S, Kelly A. Hemoglobin A1c-Based Diabetes Screening is Associated with Improved Body Mass Index Trajectory in Overweight and Obese Adolescents. Pediatric Endocrine Society Meeting, April 2020, Fort Worth, TX,
- 65) Vajravelu MA, **Lee JM**, Amaral S, Kelly A. Gender- and Race/Ethnicity-Based Differences in Type 2 Diabetes Screening in Pediatric Primary Care. Pediatric Endocrine Society Meeting, April 2020, Fort Worth, TX,
- 66) Ebekozién O, Rioles NA, Indyk JA, Lyons S, Majidi S, Proffitt T, **Lee JM**. Increasing Insulin Pump Use Across Five National Diabetes Centers: Results from the T1D Exchange Quality Improvement Collaborative (T1DX-QI). American Diabetes Association. March 13, 2020, Boston, MA
- 67) Albright D, Riley H, Fredericks E, Sturza J, Lo S, Bauer K, Clark K, **Lee JM**, Miller A. Control Yourself: Impact of Self-Regulation on Diabetes Management in Adolescents. Poster Presented at the American Diabetes Association's 80th Scientific Session. June 12-16, 2020, Virtual Conference.
- 68) **Lee JM**, Garrity A, Hirschfeld E, Thomas IH, Rioles N, Ebekozién O, Corathers S. Six Habits: Quality Metrics to Support Glycemic Outcomes in Type 1 Diabetes. American Diabetes Association's 81st Scientific Sessions; June 25-29, 2021; Virtual Conference.
- 69) Nudrat Noor, Saketh Rompicherla, Sarah Lyons, **Lee JM**, Mary Pat Gallagher, Justin Indyk, Osagie Ebekozién, Margie Greenfield, Mark Clements, G. Todd Alonso. Insulin Pump Use in Patients with Type 1 Diabetes: Real World Data from A Large U.S. Based Multi-Center Observational Study. Diabetes; June 2021; Virtual Conference.
- 70) Vajravelu ME, Hitt T, Amaral S, Katz L, **Lee JM**, Kelly A. Real-World Treatment Escalation from Metformin Monotherapy in Youth-Onset Type 2 Diabetes Mellitus: A Retrospective Cohort Study "American Diabetes Association 81st Scientific Sessions, June 2021; Virtual Conference.
- 71) Noor N, Rompicherla S, Lyons S, **Lee JM**, Gallagher MP, Indyk J, Ebekozién O, Greenfield M, Clements M, Alonso GT. Insulin Pump Use In Patients With Type 1 Diabetes: Real World Data From A Large U.S. Based Multi-Center Observational Study. Poster presented at: American Diabetes Association's 81st Scientific Sessions; June 25-29, 2021; Virtual Conference.
- 72) Wilcocks C, Enlow P, Wasserman R, Wysocki T, **Lee JM**, Aroian K, Pierce J. Psychometric Properties of the Pediatric Diabetes Routines Questionnaire for Parents of Young Children. Poster accepted for presentation at the 2021 Society of Pediatric Psychology. April 2021 Virtual Conference.

- 73) Goddard B.J, Lo S.L, Albright D.K, Bauer K.W, Hilliard M.E, Clark K.M, **Lee JM**, Fredericks E.M, Sturza J. & Miller A.L. Changes in family conflict and stress following COVID-19 lockdown in families affected by type 1 diabetes. Poster presented at the 2021 Virtual Society of Pediatric Psychology Annual Conference. April 2021.
- 74) Wolf R.M, Noor N, Izquierdo R, Jett D, Rewers A, Majidi S, Sheanon N, Breidbart, **Lee JM**, Kamboj M, Demeterco-Berggren C, Ebekozi O. Increase in newly diagnosed type 1 diabetes among pediatric and adolescent patients during the COVID-19 pandemic in the United States: A multi-center analysis. ePoster presented at the 47th ISPAD. October 13-15, 2021; Virtual Annual Conference.
- 75) Cha YJ, Arpita S, Wou A, **Lee JM**, Newman M, Park SY. Transitioning Toward Independence: Enhancing Collaborative Self-Management of Children with Type 1 Diabetes. New Orleans, LA. ACM, New York, NY. April 29-May 5, 2022. CHI'22 Conference on Human Factors in Computing Systems.
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LANGUAGES

Fluent in Spanish.