

Joyce M. Lee, MD, MPH

Robert P. Kelch, M.D. Professor of Pediatrics

Clinical Domain Oversight Officer, Adult and Pediatric Medical Specialties and Psychiatry

Associate Chief Medical Information Officer for Pediatric Research

Associate Chair, Health Metrics and Learning Health Systems

Susan B. Meister Child Health Evaluation and Research Center

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Website: <http://www.doctorasdesigner.com/>

Twitter: <https://x.com/joyclee>

Bluesky: <https://bsky.app/profile/joyclee.bsky.social>

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 C.S. Mott Children's Hospital University of Michigan Ann Arbor, Michigan	07/2004 - 06/2006
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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 Pediatric Endocrinology	2003 – 2010 2008 - present
Diplomate of the American Board of Preventive Medicine Clinical Informatics	2024 - present
Epic Clarity Database Proficiency	2018 - present
Advanced Quality Improvement Methods Course Cincinnati Children's Hospital	2017 - 2018
Drexel University Executive Leadership in Health Care program (ELH)	2023 - 2024
Amazon Web Services Tech Fellowship	2023 - 2025

ACADEMIC, ADMINISTRATIVE, AND CLINICAL APPOINTMENTS

Clinical Fellow in Pediatrics Harvard Medical School	06/2000 - 06/2003
Assistant Professor in Pediatrics Division of Pediatric Endocrinology Child Health Evaluation and Research Unit University of Michigan Ann Arbor, Michigan	07/2006 - 08/2012
Assistant Professor of Environmental Health Sciences School of Public Health University of Michigan Ann Arbor, Michigan	01/2011 - 08/2012

Associate Professor of Pediatrics Division of Pediatric Endocrinology Child Health Evaluation and Research Unit University of Michigan Ann Arbor, Michigan	09/2012 - 08/2017
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 Ann Arbor, Michigan	07/2019 - present
Associate Chair for Health Metrics and Learning Health Systems Department of Pediatrics Michigan Medicine Ann Arbor, Michigan	07/2019 - present
Associate Director for Informatics and Clinical Research Innovation Caswell Diabetes Institute Michigan Medicine Ann Arbor, Michigan	07/2019 - present
Ambulatory Care Clinical Chief, Pediatric Medical Subspecialties University of Michigan Medical Group Michigan Medicine Ann Arbor, Michigan	06/2020 – 06/2025
Clinical Domain Oversight Officer for Adult and Pediatric Medical Specialties and Psychiatry University of Michigan Medical Group Michigan Medicine Ann Arbor, Michigan	07/2025 – present

RESEARCH INTERESTS

Dr. Joyce Lee, MD, MPH is the Robert P. Kelch Professor of Pediatrics at Michigan Medicine, and is board-certified in Clinical Informatics, Pediatric Endocrinology, with formal training in Health Services Research. She serves as Clinical Domain Oversight Officer for Adult and Pediatric Medical Specialties and Psychiatry, overseeing an ambulatory operational structure spanning 22 divisions and over 700 providers. She holds several additional leadership roles: Associate Chief Medical Information Officer; Associate Chair of Health Metrics and Learning Health Systems for the Department of Pediatrics; and Associate Director for Informatics and Clinical Research Innovation for the Caswell Diabetes Institute. She has training in Advanced Methods in Quality Improvement, holds Epic Physician Builder certification, and has skills in data analytics using sql and Tableau business intelligence software.

In these roles, she leads faculty and staff across the Michigan Medicine enterprise — including operational ambulatory leaders, quality improvement teams, and clinical translational investigators — toward enterprise goals around access, financial performance, and patient health

outcomes. She helps leaders leverage the full range of institutional data for action and outcomes, including electronic health record data, finance and human resources data, and clinical outcomes data. Her current leadership work centers on data visualization and data governance, including serving as the core director of the Life Course Informatics Core of the Michigan Nutrition Obesity Research Center (P30) and supporting data governance for an all-payer, statewide quality improvement collaborative for type 2 diabetes that integrates claims, clinical, and health information exchange data. She also collaborates with human-computer interaction and machine learning/artificial intelligence experts to improve diabetes care and health outcomes using clinical and diabetes device data.

To date, she has published 178 peer-reviewed papers, serving as first or senior author on more than 80 of them. She has served as Principal Investigator on multiple NIH grants, spent time as a visiting scholar at the former Verily, and served on the medical advisory board for GoodRx. In 2016, she was named the Robert P. Kelch Professor of Pediatrics and became the first recipient of the Paul Kaplowitz, MD, Endowed Lectureship, awarded by the American Academy of Pediatrics and the Pediatric Endocrine Society for contributions to quality and cost-effective care in Pediatric Endocrinology.

GRANT SUPPORT

Present and Active:

Michigan Nutrition Obesity Research Center

Life Course Obesity Research Informatics Core, *Core Director*

NIH/NIDDK P30DK089503

Total Cost: \$5,849,960. 07/01/25 – 06/30/30

Effort: 10%

Advisor: Michigan Center for Diabetes Translational Research

NIH/NIDDK P30DK092926

Total Cost: \$3,938,400. 08/01/21 – 07/31/26

Effort: 2%

Advisor: Michigan Diabetes Research Center, Clinical Core

NIH/NIDDK P30DK020572

Total Cost: \$6,502,020. 12/01/22 – 11/30/27

Effort: 0%

Principal Investigator: QI CGA: Population Health Management of Pediatric Obesity Leveraging the Electronic Health Record and Digital Tools.

Lilly, Inc.

Total Cost: \$321,717. 07/01/25 – 06/30/27

Effort: 1%

Site Principal Investigator: Assessment of Pediatric Anthropometric Data Quality to Guide Analysis Planning and Interpretation

PCORI

Total Cost: \$1,116,988. 07/01/24 – 06/30/27

Effort: 1.5%

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

Contract with Blue Cross Blue Shield

01/01/23 – 12/31/26

Effort: 4%

Co-Investigator: FY-26 Michigan Child Health Equity Collaborative (MiCHEC)

MDHHS/Centers for Medicare and Medicaid Services

Total Cost: \$1,707,906. 10/01/25 – 09/30/26

Effort: 4%

Co-Investigator: The Role of Circulating Meta-Inflammatory monocytes in Adolescent Insulin Resistance

NIH/NIDDK R01DK130864

Total cost: \$2,411,942. 08/01/22 – 5/31/26

Effort: 3%

Co-Investigator: REFLECT2D: Real-time Engagement For Learning to Effectively Control Type 2 Diabetes

NIH/NIDDK R01DK137803

Total Cost: \$589,442. 07/01/24 – 06/30/29

Effort: 3%

Co-Investigator: Insurance-Related Factors Affecting GLP-1 Receptor Agonist Dispensing to U.S. Adolescents and Young Adults

Charles Woodson Collaborative Research Award, Intramural Research Funding Program

Total cost: \$ 50,000. 12/01/25 – 11/30/26

Effort: 0%

Co-Investigator: Potential of Machine Learning to Improve Study Recruitment for Childhood Obesity Research

Charles Woodson Collaborative Research Award, Intramural Research Funding Program

Total cost: \$ 50,000. 11/01/25 – 10/31/28

Effort: 0%

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

Jacob 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%

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

Project #4: Psychosocial and Cognitive Impact of T1D

Total cost: \$510,255. 10/01/2019 – 09/30/2024

Effort: 5%

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. 10/10 – 06/2025

Michigan Nutrition Obesity Research Center

Childhood Obesity Research Core, *Core Director*

NIH/NIDDK P30DK089503

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

Effort: 10%

Co-Investigator: FY25 Michigan Child Health Equity Collaborative (MiCHEC)

MDHHS/Centers for Medicare and Medicaid Services

Total Cost: \$1,135,194. 10/01/24 – 09/30/25

Effort: 5%

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 - 2024
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<i>Ad hoc manuscript reviewer:</i> <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
<i>Diabetic Medicine</i>	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
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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 Dwyer (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
Katherine White	2016 - 2017
Breann Edwards	2017 – 2019
Zara Ahmed	2023 – 2024
Nora Shaska	2023 – 2025

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
Joseph Wardell (School of Public Health)	2022 - 2023
Yundan Zhang (School of Public Health)	2023 - 2024
Walter Williamson (School of Public Health)	2024 - 2025
Neo Kok (School of Public Health)	2025 - present

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 - 2022
Defne Alver	2024
Nivitha Kandula	2025

Pediatric Residents:

Peter Wolfgram, MD	2008 - 2009
Brendan Hursh, MD	2009 - 2010
Apoorva Aekka, MD	2019 - 2020
Jackie Fisher, MD	2020 – 2021
Brittany Silverman, MD	2025 - present

Pediatric Endocrinology Fellows:

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 - 2014
Nellie Hani, MD (Faculty Member at University of Michigan)	2020 - 2023
Jackie Fisher, MD	2022 - 2023
Alex Waselewski, MD	2022 - 2025

Doctoral Students:

Ofra Duchin, MPH (Member of Doctoral Committee)	2011 - 2012
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 - 2022
Ian Fox, PhD candidate in Computer Science	2019 - 2020
Harry Rubin-Falcone, PhD candidate in Computer Science	2020 - 2023
Jung Min Lee, PhD candidate in Computer Science	2020 - 2024
Arohee Fulay, PhD candidate in School of Public Health	2021 - 2022

Post-doctoral Fellows:

Hedwig Lee, PhD (Associate Professor at University of Washington)	2010 - 2012
Kavita Desai, PhD: Scholarly Activity Committee	2011

Faculty:

Brigid Gregg, MD (Pediatric Endocrinology)	2012 - 2022
Kanakadurga Singer, MD (Pediatric Endocrinology)	2012 - 2022
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 - 2023
Kara Mizokami-Stout, MD (Adult Endocrinology)	2019 - present
Joseph Kohne, MD (University of Michigan, Pediatric ICU)	2019 - 2025
Zubin Modi, MD (University of Michigan, Pediatric Nephrology)	2019 - 2023
Nellie Hani (Pediatric Endocrinology)	2023 - present
Hayley Centola (Pediatric Psychology)	2022 - present

Lectures:

“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
“Diabetes: Definition, Classification, and Treatment” Pediatric Residency Seminar Series University of Michigan	2009
“Disorders of Growth and Development” Endocrine Module University of Michigan Medical School	2009
“Endocrine Small Group Discussions” University of Michigan Medical School	2009
“Growth Hormone, Estrogen, and the Promise of Adult Height” Robert Wood Johnson Scholars Program University of Michigan	2009
“Hypopituitarism” Pediatric Residency Seminar Series University of Michigan	2010
“Type 1 Diabetes Management Survival Skills” Pediatric Endocrinology Survival Skills Course University of Michigan	2010
“Panhypopituitarism Survival Skills” Pediatric Endocrinology Survival Skills Course University of Michigan	2010

“Creating and Interpreting Receiver Operator Characteristic Curves” Educational Seminars for Research Mentees Child Health Evaluation and Research (CHEAR) Unit University of Michigan	2010
“Assessing Test Performance” Educational Seminars for Research Mentees Child Health Evaluation and Research (CHEAR) Unit University of Michigan	2010
“Classification of Type 1 and Type 2 Diabetes” Educational Seminars for Research Mentees Child Health Evaluation and Research (CHEAR) Unit University of Michigan	2010
“Growth Hormone, Estrogen, and the Promise of Adult Height” Robert Wood Johnson Scholars Program University of Michigan	04/2010
“Writing a Grant Proposal” Educational Seminars for Research Mentees Child Health Evaluation and Research (CHEAR) Unit University of Michigan	01/2011
“Short Stature: Evaluation and Management” Adult Endocrinology Fellow Seminar Series University of Michigan	02/2011
“Disorders of Growth and Development” Endocrine Module University of Michigan Medical School	03/2011
“Pediatric Diabetes: An Update” Pediatric Residency Seminar Series University of Michigan	03/2011
“Panhypopituitarism” Pediatric Residency Seminar Series University of Michigan	04/2011
“HbA1c for Identifying Children with Prediabetes and Diabetes: Practice and Policy Implications” Pediatric Residency Seminar Series University of Michigan	09/2011

“Disorders of Growth and Development” Endocrine Module University of Michigan Medical School	03/2012
“Epidemiologic Trends in Pediatric Diabetes and Birth Cohort Trends in Obesity” Diabetes Epidemiology Course University of Michigan School of Public Health	09/2013
“Doctors and Social Media: Will you Take the Plunge?” Robert Wood Johnson Scholars Program University of Michigan	10/2013
“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	01/2014
“The Problem of Short Boys and Tall Girls” Robert Wood Johnson Scholars Program University of Michigan	03/2014
“Puberty” Pediatric Residency Seminar Series University of Michigan	04/2014
“Medical Doctor or Maker Designer?” University of Michigan School of Information	10/2014
“Tall Boys and Short Girls: Pursuit of the American Dream” Robert Wood Johnson Scholars Program University of Michigan	03/2015
“The Networked Public Physician” Leadership Course for 1st year Medical Students University of Michigan	04/2015
“Applications of Social Media for Clinical Care and Research” Institute for Healthcare Policy and Innovation University of Michigan	05/2015
“You are a Medical Designer” Leadership Course for 1st year Medical Students University of Michigan	01/2016

“Social Media Superuser” Robert Wood Johnson Scholars Program University of Michigan	01/2016
“Design Thinking for Researchers” Robert Wood Johnson Scholars Program University of Michigan	02/2016
“Digital Citizenship for Physicians” 3 rd year Medical Student Lecture University of Michigan	02/2017
“Tall Boys and Short Girls: Pursuit of the American Dream” Robert Wood Johnson Scholars Program University of Michigan	03/2017
“Type 2 Diabetes in Children and Adolescents” Pediatric Endocrinology Fellowship Program University of Michigan	01/2017
“Social Media for Health Researchers” IHPI National Clinician Scholars Program University of Michigan	01/2017
“Tall Boys and Short Girls: Pursuit of the American Dream” IHPI National Clinician Scholars University of Michigan	02/2017
“Electronic Health Records and Quality of Care for Pediatric Obesity” Department of Nutrition University of Michigan School of Public Health	10/2020
“Type 2 Diabetes” Pediatric Endocrinology Fellowship Program University of Michigan	06/2021
“Electronic Health Records and Quality of Care for Pediatric Obesity” Department of Nutrition University of Michigan School of Public Health	2/2021
“Social Media for Healthcare and Research Professionals” Robert Wood Johnson Scholar Program University of Michigan	02/2022

DESIGN WORKSHOPS

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	03/2014
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	05/2015
JDRF Teen Central Program TypeOneNation Summit	

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
“You are an Educational Designer: An Introduction to Design Thinking” (RISE) Research. Innovation. Scholarship. Education. Innovation Fellows	05/2021
<i>Divisional:</i>	
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
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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 - 2021
Member, Site of Care Optimization Committee, Mott Children's Hospital	2020 - 2021
Member, 7-day Hospital Initiative, Mott Children's Hospital	2020 - 2021

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	2011
Pediatric Endocrine Society, Member, Obesity Committee	2010 - 2011
Elected Member, Executive Committee of the Section on Endocrinology for the American Academy of Pediatrics	2010 - 2012
Epic Pediatric Endocrinology Steering Committee	2012 - 2013
National Advisory Board Member, Center for the Urban Child and Healthy Family, Boston University	2014 - 2015
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	2017 - present
	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
“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
“Childhood Obesity and Type 2 Diabetes: A Life Course Analysis” Department of Ambulatory Care and Prevention Harvard Medical School	01/2009
“The Epidemic of Type 2 Diabetes in Children: Myth or Reality?” Pediatric Grand Rounds Boston Medical Center, Boston University School of Medicine	06/2009
“Is There Life after Residency?” Resident Morning Report Boston Medical Center, Boston University School of Medicine	06/2009
“The Epidemic of Type 2 Diabetes in Children: Myth or Reality?” Pediatric Grand Rounds Riley Children’s Hospital, Indiana University	06/2009

“Weight Status and Timing of Puberty” Endocrine Grand Rounds Indiana University	06/2009
“Media, Social, & Cultural Influences on Childhood Obesity” Moderator Pediatric Academic Societies’ Meeting Boston, Massachusetts	05/2012
“Social Media and Academic Medicine: An Unlikely Combination?” Department of Ambulatory Care and Prevention Harvard Medical School	05/2012
“Glu Patient Portal: Using Social Media To Engage and Empower” American Diabetes Association Meeting Philadelphia, Pennsylvania	06/2012
“The Epidemic of Type 2 Diabetes in Youth: Fact or Fiction?” American Association of Diabetes Educators Conference Indianapolis, Indiana	08/2012
“Social Media and Mobile Applications: Potential Tools for Childhood Type 2 Diabetes?” American Association of Diabetes Educators Conference Indianapolis, Indiana	08/2012
“Type 2 Diabetes in Children: Burden, Screening, and Treatment” Community Hospital 2013 Diabetes Symposium Munster, Indiana	03/2013
“Social Media and Medicine: Dangerous Liaisons” General Pediatrics Translational Seminar University of California, San Francisco	03/2013
“Emerging Technologies for Encouraging Healthy Behaviors in Children” Division of Adolescent Medicine Stanford University School of Medicine	04/2013
“Diabetes Screening in Overweight and Obese Adolescents” Division of Adolescent Medicine Stanford University School of Medicine	04/2013

“Patient Centeredness, Design Thinking, and Emerging Technologies for Accelerating Research and Health Outcomes” Center for Vulnerable Populations University of California, San Francisco	04/2013
“T1D Exchange: The Final Translation” T1D Exchange Investigators Meeting Tampa, Florida	04/2013
“Social Media: A Useful Tool for Research and Clinical Care in Pediatric Diabetes?” American Diabetes Association Chicago, Illinois	06/2013
“Social Media and Academic Medicine: Dangerous Liaisons” Center for Policy, Outcomes, and Prevention Stanford University School of Medicine	06/2013
“Social Media and Pediatric Diabetes” Division of Pediatric Endocrinology Stanford University School of Medicine	07/2013
“Doctor as Designer?” Cusp Design Conference 2013 Chicago, Illinois	09/2013
“T1D Exchange: From Research Registry to Quality Improvement Network” T1D Exchange National Meeting Tampa, Florida	03/2014
“Mobile and #socialmedia - the cutting-edge #diabetes technology of the future” 2014 Clinical Diabetes Technology Meeting Los Angeles, California	04/2014
“Design Thinking for Pediatric Adherence” Pediatric Academic Societies’ Meeting Vancouver, Canada	05/2014
“Healthdesignby.us: We #makehealth” Western Ontario University London, Canada	10/2014
“Social Media and the RWJF Clinical Scholar: Friend or Foe?” RWJF Clinical Scholars Program National Meeting New Orleans, Louisiana	11/2014

“We No Longer Live In the 1990s: Social Media is Diabetes Technology” Diabetes Technology Meeting Bethesda, Maryland	11/2014
“Participatory Design, the “Making” of Health, and the Future of Diabetes Technology” Diabetes Technology Meeting Bethesda, Maryland	11/2014
“Healthdesignby.us: Participatory Design and the ‘Making’ of Health” Cincinnati Health Services Research Matrix Seminar Cincinnati, Ohio	11/2014
“Social Media: A Useful Tool for Patient-centered Outcomes Research?” Brown University Emergency Medicine Digital Health Innovation Group Providence, Rhode Island	02/2015
“Medical Doctor, Maker Designer?” Brown University Emergency Department Providence, Rhode Island	02/2015
“Healthcare Transformation for Type 1 Diabetes” T1D Exchange, C3N Network Cincinnati, OH	04/2015
“A Quality Improvement Network for Type 1 Diabetes” T1D Exchange Investigators Meeting Tampa, FL	04/2015
“Making: The Future of Healthcare” HealthFoo 2015 Sebastopol, CA	05/2015
“A Community of Practice: Panel Discussion” Quantified Self Public Health Symposium La Jolla, CA	05/2015
“Medical Doctor as Maker Designer: Participatory Design for Healthcare” Vanderbilt University Tech Talks Nashville, TN	06/2015
“If You Are Not Public, Do You Exist?” Vanderbilt University Nashville, TN	06/2015

“Applications of Social Media for Research and Health Promotion” American Diabetes Association Boston, MA	06/2015
“Nightscout: A Community Redesigning the Future of Healthcare” American Diabetes Association Boston, MA	06/2015
“Running Down A Dream: Experiences Building Peer-Produced Learning Health Systems” Stanford MedX Conference Stanford, CA	09/2015
MedX Media Makers Workshop Stanford MedX Conference Stanford, CA	09/2015
“Beyond Paper – New Approaches to Communicating Labeling to Patients” FDA Center for Devices and Radiological Health Medical Device Patient Labeling Public Workshop Bethesda, MD	09/2015
“User Differences: Who Is Your Audience?” FDA Center for Devices and Radiological Health Medical Device Patient Labeling Public Workshop Bethesda, MD	09/2015
“Participatory Design: A Tool for Transforming Healthcare?” Kaiser Care Management Institute Annual Meeting Berkeley, CA	10/2015
“You Are a Maker/Designer” Keynote: Kaiser Care Management Institute Annual Meeting – Maternal/Child Health Track Berkeley, CA	10/2015
“Nightscout: A Study in Patient-Lead Innovation” DiabetesMine D-Data Exchange Stanford, CA	11/2015
“What Is the Role of Social Media and the Internet for Promoting Diabetes Epidemiology and Prevention Research?” World Diabetes Congress 2015 Vancouver, BC	12/2015

“Participatory Design for Research, Clinical Care, and Education” Department of Pediatrics Stanford, CA	12/2015
“Is Transforming Diabetes Possible? Lessons from Participatory Design of Digital Solutions” American Diabetes Association 2016 New Orleans, LA	06/2016
“Design Thinking Inside Out, Panel Presentation” Stanford MedX Conference Stanford, CA	09/2016
“A Maker Movement for Health: A Model for Patient-driven Healthcare Innovation” Patient Innovation Awards, Catolica Lisbon Business School Lisbon, Portugal	11/2016
“Harnessing Social Media for Diabetes Research” Diabetes Technology Society Washington, DC	11/2016
“Opportunities and Challenges in the Use of Real World Evidence for Medical Device and Drug Evaluation: Panel Discussion” Connected Health Washington, DC	12/2016
“Social Media and How to Harness Its Potential: Panel Discussion” Diabetes Digital Congress San Francisco, CA	03/2017
“Design Thinking for Academic Researchers” Pediatric Academic Societies’ Meeting San Francisco, CA	05/2017
“Patient-driven Design and a Maker Movement for Health” HIMSS 2018 Las Vegas, NV	03/2018
“Integrating Design Using the Native Language of Healthcare” Health Design Conference, Rice University Houston, TX	04/2018

“DIY Diabetes: Lessons for Healthcare” American Diabetes Association 2018 Orlando, FL	06/2018
“When Perfect Algorithms Meet Imperfect Healthcare Systems” Machine Learning for Health Care Meeting 2018 Palo Alto, CA	08/2018
“You Are a Designer: Human-Centered Design for Healthcare” HITS Health Informatics Tri-State Summit at University of Southern Indiana Evansville, IN	10/2018
“Digital Professionalism for Healthcare Stakeholders” HITS Health Informatics Tri-State Summit at University of Southern Indiana Evansville, IN	10/2018
“Social Media for Communicating Your Science” American Diabetes Association 2019 San Francisco, CA	06/2019
“Design for Artificial Intelligence: When Perfect Algorithms Meet Imperfect Healthcare Systems” Health Impact East, NODE.Health New York, NY	06/2019
“Leveraging AI to Bring Humanity Back to Healthcare” Health Impact East, NODE.Health New York, NY	06/2019
“On the Importance of Usable Design for Healthcare” Keynote, Great Lakes Health Connect 2019 Summit Series Troy, MI	09/2019
“Using Social Media to Facilitate Support Among Patients with Type 1 Diabetes” Great Plains Pediatric Endocrine Symposium Kansas City, MO	10/2019
“Design for Artificial Intelligence” Kidney Week 2019, American Society of Nephrology Washington DC	11/2019

“Social Media for Diabetes Professionals” WIN ADA Meeting Indianapolis, IN	11/2019
“Design of the Electronic Health Record to Support a Learning Health System” World Usability Day Keynote Epic Systems Corporation Verona, WI	12/2019
“Telemedicine in the Type 1 Diabetes QI Collaborative” T1D Exchange QI Collaborative Meeting	11/2020
“Electronic Health Record Design to Support a Learning Health System” Helen DeVos Children’s Hospital Grand Rapids, MI	01/2021
“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
"Can Use of Diabetes-Related Technology Reduce Psychosocial Burden?" Professional Interest Group Discussion for Diabetes in Youth ADA 82nd Scientific Session Conference	06/2022
“Screening for Prediabetes and Type 2 Diabetes in Children and Adolescents” Pediatric Grand Rounds The MetroHealth System Cleveland, OH	12/2023
“You Are a Designer: Human-Centered Design for Healthcare” Keynote: Randall Cebul Annual Population Health Equity and Research Institute Lecture The MetroHealth System Population Health and Equity Research Institute Cleveland, OH	12/2023
“You Are a Designer: Human-Centered Design for Healthcare” Quality Circle Cincinnati Children’s Hospital Medical Center	05/2024

NATIONAL INTERNATIONAL WEBINARS

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

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
“Stature: The Long and Short of It” Grand Rounds Presentation Department of Pediatrics University of Michigan	06/2006
“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	09/2006

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

“Social Network Influences on Adolescent Obesity: An Agent-based Modeling Approach” Center for Social Epidemiology and Population Health University of Michigan	04/2010
“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	06/2010
“Performance of the ADA Screening Guidelines for Predicting Prediabetes or Type 2 Diabetes in Children.” Michigan Clinic Research Unit Seminar Series University of Michigan	07/2010
“Getting Heavier, Younger: A Generational Shift in Obesity in the US” Pediatric Grand Rounds University of Michigan	07/2010
“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	09/2010
“Age-Period-Cohort Trends in Obesity: United States 1971-2006” Pediatric Endocrinology Research Seminar University of Michigan	09/2010
“From Engulfed to Efficient: Time Management Strategies and Tools” Child Health Evaluation and Research (CHEAR) Unit Fellows Methods Research Seminar University of Michigan	09/2010
“From Engulfed to Efficient: Time Management Strategies and Tools” Pediatric Endocrinology Research Seminar University of Michigan	10/2010
“Getting Heavier, Younger: Implications for Society 2030” Society 2030 Consortium Meeting Institute for Social Research University of Michigan	01/2011

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

“Applications of Social Media for Research” University of Michigan Medical School Ann Arbor, MI	10/2016
“The Maker Movement and Personalized Digital Health Innovations for Diabetes” Collaboratory for Technology, Health, and Independence (CTHI) University of Michigan Ann Arbor, MI	02/2017
“Design of a Patient-Centered Learning Healthcare System for Type 1 Diabetes” Learning Health Systems Michigan Medicine Ann Arbor, MI	10/2017
“Components of a Learning Healthcare System for Diabetes” Michigan Center for Diabetes Translational Research Ann Arbor, MI	05/2018
“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	02/2019
“You are a Surgical Designer” Department of Surgery, Michigan Medicine	08/2019
“On the Design of Learning Health Systems for Child Health” Susan B. Meister Child Health Evaluation and Research Center Ann Arbor, MI	10/2019
“Use of Health Informatics to Support a Learning Health System” Division of Pediatric Nephrology University of Michigan Ann Arbor, MI	02/2021
“HealthSpark Accelerator” 20Fathoms Session UI/UX Panel Traverse City, MI	05/2021

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>

BIBLIOGRAPHY

**indicates publications/abstracts with trainees*

- 1) Larson S, Luiggi H, **Lee JM**. Using medical students in a translation service for the hospital [Penn Med Language Link]. *Academic medicine : journal of the Association of American Medical Colleges*. 1999; 74(5):571. doi: 10.1097/00001888-199905000-00033.
- 2) **Lee JM**, Greenes DS. Biphasic anaphylactic reactions in pediatrics. *Pediatrics*. 2000 Oct;106(4):762-6. doi: 10.1542/peds.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**, 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.
- 13) **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.
- 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.
- 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. [**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.
- 21) **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.
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Non-Peer-Reviewed Publications and Published Letters:

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ABSTRACTS

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- 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, 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, Riales 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
- 54) Agarwal S, Hirschfeld E, Garrity A, Shah A, Corathers S, Weinstock RS, Lambert KL, Bobik C, Cabrera AB, Riales N, **Lee JM**. Comparison of Adult and Pediatric Resources for Type 1 Diabetes Care Among T1D Exchange Centers, American Diabetes Association's 78th Scientific Sessions, June 2018, Orlando, FL
- 55) Majidi S, Jolly MC, Alonso GT, Buckingham DA, Cabrera A, Clements MA, Garrity A, Gibbs KA, Glick B, Hong KM, Kamboj MK, Lambert KL, **Lee JM**, Nadkarni PV, McDonough R, Ohmer AL, Riales N, Stanek KR, Thomas S, Weinstock RS, Corathers S. Incorporating Depression Screening into Diabetes Clinics across the T1DX Learning Collaborative, American Diabetes Association's 78th Scientific Sessions June 2018, Orlando, FL
- 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's 80th Scientific Session. June 12-16, 2020, Virtual Conference.
- 67) Ebekozién O, Rioles N, Desalvo D, Gallagher K, **Lee JM**, McDonough R, Obrynba K, Prahalad P, Thomas S, Weinstock RS, Corathers S. Improving Continuous Glucose Monitoring (CGM) Use across Ten National Centers: Results from the T1D Exchange Quality Improvement Collaborative (T1DX-QI). American Diabetes Association's 80th Scientific Session. June 12-16, 2020, Virtual Conference.
- 68) McDonough R, Thomas S, Rioles N, Ebekozién O, Clements MA, Corathers S, **Lee JM**, Garrity A, Prahalad P, Kamboj M, Buckingham Sr. DA, Alonso GT. Reducing Lost to Follow-Up Rates in the T1D Exchange Quality Improvement Collaborative (T1DX-QI). Poster Presented at the American Diabetes Association's 80th Scientific Session. June 12-16, 2020, Virtual Conference.

- 69) 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.
- 70) Alonso GT, Riales N, Ebekozién O, Noor N, Carlson E, Sonaben R, Indyk J, Weinstock R, **Lee J**, Prahalad P, Lorincz I, Polsky S, Clements M. A population health data platform to improve outcomes in the T1D Exchange Quality Improvement Collaborative (T1DX-QI). 46th Annual Conference of the International Society for Pediatric and Adolescent Diabetes (ISPAD). October 15-17, 2020; Virtual Conference.
- 71) Ebekozién O, Riales N, Corathers S, Desalvo D, Gallagher K, **Lee J**, McDonough R, Thomas S, Orbynba K, Prahalad P, Weinstock R, T1D Exchange QI Collaborative. Multi-site quality improvement project: Improving Continuous Glucose Monitor (CGM) uptake across ten U.S. Centers. 46th Annual Conference of the International Society for Pediatric and Adolescent Diabetes (ISPAD). October 15-17, 2020; Virtual Conference.
- 72) **Lee J**, Ebekozién O, Indyk J, Kamboj K, Lyons S, Riales N, Odugbesan O, Profitt T, Shideh M, T1D Exchange Collaborative. Multi-center quality improvement collaborative: improving insulin pumps for patients with type 1 diabetes in the U.S. 46th Annual Conference of the International Society for Pediatric and Adolescent Diabetes (ISPAD). October 15-17, 2020; 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) **Lee JM**, Garrity A, Hirschfeld E, Thomas IH, Riales 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.
- 75) Noor, N, Rompicherla S, Lyons S, **Lee JM**, Gallagher MP, Indyk JA, Ebekozién O, Greenfield M, Clements MA, Alonso GT. Insulin Pump Use in Patients with Type 1 Diabetes: Real-World Data from a Large U.S. Based Multicenter Observational Study. American Diabetes Association's 81st Scientific Sessions; June 25-29, 2021; Virtual Conference.
- 76) **Lee JM**, Carlson E, Demeterco-Berggren C, Corathers S, Jimenez-Vega J, Vendram F, Weinstock R, Ebekozién O. Challenges to Telemedicine Transition during COVID-19; Insights from 21 US Diabetes and Endocrinology Clinics. Advanced Technologies & Treatments for Diabetes; June 2021; Virtual Conference.

- 77) 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.
- 78) Noor N, Rompicherla S, Lyons S, **Lee JM**, Gallagher MP, Indyk J, Ebekozien 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.
- 79) 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.
- 80) Wolf R.M, Noor N, Izquierdo R, Jett D, Rewers A, Majidi S, Sheanon N, Breidbart, **Lee JM**, Kamboj M, Demeterco-Berggren C, Ebekozien 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.
- 81) Mungmode A, Odugbesan O, Riales N, Gallagher MP, Prahalad P, Feuer J, Neyman A, Schmitt J, Alonso GT, **Lee J**, Ebekozien. Benchmarking HbA1c Targets across T1D Exchange Quality Improvement Pediatric Clinics. T1DX QI Collaborative Learning Session. November 8-9, 2021; Boston, MA.
- 82) 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.
- 83) Putnam NM, Reynolds EL, Banerjee M, Albright D, **Lee JM**, Pop Busui R, Feldmam El, Callaghan BC. Neuropsychological Outcomes in Individuals with Type 1 and Type 2 Diabetes. JDRF, January 17, 2022
- 84) Said N, Vajravelu M, LaBarre J, **Lee JM**. The Reproducibility and Reliability of Insulin Resistance Indices in Children and Adolescents. Pediatric Endocrine Society (PES) 2022 Annual Conference. 4/28/2022-5/1/2022.
- 85) **Lee JM**, Stanish D, Lee JE, Albright D, Thomas IH, Hirschfeld E, Garrity A. Leveraging the Electronic Health Record to Support a Learning Health System for Pediatric Disease: The Example of Type 1 Diabetes. AMIA 2022 Clinical Informatics Conference, May 24 – 26, 2022. Houston, TX.

- 86) **Lee JM**, Ospelt E, Mungmode A, Ebekozién O, Malik F, Fogel N, Accacha S, Hsieh S, Wilkes M, Neyman A, Vendrame F, Gupta M. Use of Telemedicine for Type 1 Diabetes Care in the T1D Exchange Quality Improvement Collaborative (T1DX-QI) in 2021. Poster presentation at the American Diabetes Association's 82nd Scientific Sessions. June 2022.
- 87) Mekhoubad A, Hsieh S, Noor N, Ebekozién O, Rompicherla S, Ospelt E, Roberts A, Sanchez J, Ferro D, Miyazaki B, **Lee JM**. Associations Between Effect of Body-Mass Index (BMI) and HbA1c among Children and Young Adults with Type 1 Diabetes: A U.S. Based Multi-center Study. Poster presentation at the American Diabetes Association's 82nd Scientific Sessions. June 2022.
- 88) Mungmode A, Adams B, Docter O, Fogel N, Ilkowitz J, Izquierdo R, **Lee JM**, Miyazaki B, Neyman A, Reckson I, Schmitt J, Ebekozién E. Variations in Insulin Pump Use across Pediatric Endocrinology Centers in the US. Poster presentation at the American Diabetes Association's 82nd Scientific Sessions. June 2022.
- 89) Eng D, Gregg B, Singer K, **Lee JM**. TG/HDL Ratio as a Predictor of Insulin Resistance in U.S. Adolescents: Do Age & Sex Percentiles Matter? American Diabetes Association 82nd Scientific Sessions, June 3 - 7, 2022; New Orleans, LA.
- 90) Garrity A, Thomas I, Fisher J, Hirschfeld E, **Lee JM**. The Diabetes, Data & Devices (D3) Education Program: Motivating Patient-Driven Review of Diabetes Data and Insulin Changes. T1DX QI Collaborative Learning Session, November 7-8, 2022; Miami, FL.
- 91) Vandervelden C, Lockee B, Patton SR, McDonough R, **Lee JM**, Clements M. Towards risk-based management of type 1 diabetes (T1D): Developing a population health dashboard based on performing diabetes self-management habits. T1DX QI Collaborative Learning Session, November 7-8, 2022; Miami, FL.
- 92) Wirsch A, Mungmode A, Rompicherla S, Ospelt E, Noor N, **Lee J**, Basina M, Cases J, Ebekozién O. Review of common errors during EMR data mapping and transformation to the T1D Exchange QI data specification. T1DX QI Collaborative Learning Session, November 7-8, 2022; Miami, FL.
- 93) Ebekozién, O, Noor N, **Lee JM**, Izquierdo R, Golden L, Miyazaki B, Wilkes M, Scott M, Mekhoubad A, Sanchez J. Patient- Reported severe hypoglycemia among hybrid closed loop System (HCLS) users: Real-World evidence from a multi- center study for people with Type 1 Diabetes. Oral presentation at the 16th International Conference on Advanced Technologies & Treatment for Diabetes. Berlin, Germany. Online February 22-25, 2023.
- 94) **Lee JM**, Gregg, B, Singer K, Stanish D, Lee JE, Hirschfeld E, Garrity A, Woolford S, Peterson KE, Bragg-Gresham J, Orringer K, Dombkowski K, PhD, Oshman L, Mohammed L, Yoon E. Use of Informatics Tools to Inform Pediatric Overweight/Obesity Management: A Learning Health System Approach. The AMIA 2023 Clinical Informatics Conference. Chicago, IL. May 23-25, 2023.

- 95) Mann E, Rompicherla S, Noor N, Miyazaki B, Golden L, Sarhis J, Akturk H.K, **Lee JM**, DeSalvo D, Gomez P, Ebekozien O, Prahalad P. CGM initiation within six months of T1D diagnosis associated with lower HbA1c at 3 years. Oral Presentation at the 83rd ADA Scientific Sessions. San Diego, CA. June 2023.
- 96) Waselewski A, Garrity A, Finn C, Dominowski J, Sandberg ES, Thomas I, **Lee JM**. Improving glycemic management in patients with type 1 diabetes through time in range patient education. T1DX QI Collaborative Learning Session. November 14-15, 2023; New York, NY.
- 97) Voelker K, DeJonckheere M, Ang L, Reynolds E, **Lee J**, Busui R, Callaghan B, Dhadphale E, Iyengar J, Mizokami-Stout K, Albright D. The Devil Is In The Details: A scoping review of real-time psychological factors using ecological momentary assessment (EMA) with blood glucose monitoring. 45th Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine. Philadelphia, PA. March 13-16, 2024.
- 98) Sharifi M, Chua KP, Goodman A, Griaudzde D, Oshman L, **Lee JM**. Uptake in GLP-1 Use in US Adolescents and Young Adults. Pediatric Academic Societies Meeting, PAS 2024. Toronto, Canada. May 2-6, 2024.
- 99) Cha YJ, Gunal Y, Wou A, **Lee J**, Newman MW, Park SY. Shared Responsibility in Collaborative Tracking for Children with Type 1 Diabetes and their Parents. CHI Conference on Human Factors in Computing Systems Proceedings (CHI '24), May 11–16, 2024, Honolulu, HI, USA.
- 100) Mizokami-Stout KR, Oshman L, Diez HL, Griaudzde DH, **Lee JM**, Khosrovaneh KL, Bhomia N, Kim N, Rau J, Reiss J, Busui R. 1073-P: Trends in Guideline-Directed Medication Therapy for Type 2 Diabetes in a Statewide Quality Collaborative between 2018–2023. *Diabetes* 14 June 2024; 73 (Supplement_1): 1073–P. <https://doi.org/10.2337/db24-1073-P>. American Diabetes Association's 84th Scientific Sessions, Orlando, Florida. June 21-24, 2024.
- 101) Mizokami-Stout K, King K, Ang L, Albright D, Reynolds E, Callaghan B, Martin C, Hirschfeld E, Iyengar J, Centola H, **Lee J**, DeJonckheere M, Busui R. In Focus: Documenting the Lived Experience of Painful Diabetic Neuropathy through Photography. NEUROdiab: Diabetic Neuropathy Study Group 34th Annual Meeting, Bologna, Italy. September 5-8, 2024.
- 102) Hani NS, **Lee JM**. The Role of HbA1c in Screening for CFRD—An Adult and Pediatric Study. NACFC-North American Cystic Fibrosis Conference, Boston, MA. September 26-28, 2024.
- 103) Mizokami-Stout K, King K, Ang L, Albright D, Reynolds E, Callaghan B, Martin C, Hirschfeld E, Iyengar J, Centola H, **Lee J**, DeJonckheere M, Busui R. In Focus: Documenting the Lived Experience of Painful Diabetic Neuropathy through Photography. CDI Symposia, Ann Arbor, MI. October 30, 2024.

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- 105) Kileny S, Gondy S, Oshman L, Yoon E, **Lee J**. Exploring facilitators and challenges for caregiver participation in virtual group support program for pediatric overweight or obesity. Pediatric Academic Societies Meeting. Honolulu, HI. April 24-28, 2025.
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LANGUAGES:

Fluent in Spanish.