

CURRICULUM VITAE
The Johns Hopkins University School of Medicine

Risa M Wolf, MD

September 1, 2026 *RWolf*

DEMOGRAPHIC AND PERSONAL INFORMATION

Current Appointments

University

2022 - present Associate Professor, Department of Pediatrics, Johns Hopkins University

Hospital

2017 - present Attending Physician, Department of Pediatrics, Johns Hopkins Hospital

Personal Data

Division of Pediatric Endocrinology, Department of Pediatrics

200 N Wolfe St, Suite 3120, Baltimore MD 21287

Phone: 410-955-6463; Fax: 410-500-4276

Email: rwolf@jhu.edu

Education and Training

Undergraduate

1999-2003 BA, University of Pennsylvania, Philadelphia, PA; Magna cum laude, Dean's List; Major in History and Sociology of Science, Minor in Chemistry; Penn Study Abroad: Katholieke Universiteit Leuven, Belgium, Fall 2001

Doctoral/ Graduate

2003-2008 MD, Mount Sinai School of Medicine, Manhattan, NY; Graduated with Distinction in Research; Alpha Omega Alpha; Livia Blum Research Fellowship, Aug 2006- Aug 2007

Postdoctoral

2008-2011 Resident, General Pediatrics, Children's Hospital of Philadelphia, Philadelphia, PA

2012-2015 Fellowship, Pediatric Endocrine, Johns Hopkins Hospital, Baltimore, MD

2018-2019 Faculty Development, Emerging Women's Leadership Program, Johns Hopkins Medicine

2021-present Certificate in Clinical Trials, Johns Hopkins Bloomberg School of Public Health

2026 Academy for Transformative Health Care Leadership, Hopkins Business of Health Initiative

Professional Experience

2011-2012 Attending Physician, Pediatric Hospitalist, Children's Hospital of Philadelphia, Philadelphia, PA, and CHOP Pediatrics @ Virtua, Voorhees, NJ.

2015-2017 Instructor (part-time), Department of Pediatrics, Johns Hopkins University School of Medicine, Baltimore, MD.

2015-2017 Director, Pediatric Diabetes Center, Pediatric Endocrinologist, Broward Health, Coral Springs, FL. Adjunct Appointment, Assistant Professor at University of Miami

2017-2022 Assistant Professor, Department of Pediatrics, Johns Hopkins University School of Medicine, Baltimore, MD.

2019-present Medical Director, Founder, Camp Charm City Diabetes Camp

2022-present Associate Professor, Department of Pediatrics, Johns Hopkins University School of Medicine, Baltimore, MD.

2022-present Core Faculty, Hopkins Business of Health Initiative (HBHI), Carey School of Business and Johns Hopkins University School of Medicine

2022-present Director, Pediatric Diabetes Center, Johns Hopkins University School of Medicine

2023-present Kathleen Clancy/Leslie Plotnick, MD Clinical Care and Research Endowed Professor of Pediatric Endocrinology

2023-present Associate Professor, by courtesy, Johns Hopkins Carey Business School

PUBLICATIONS

h-index: 34, 29 since 2021; Total citations 2992, 2477 since 2021;

Original Research [OR]

1. **R Small**, I Shetzigovski, A Blachar, JM Klausner, R Nakache, M Ben-Haim: Redefining Late Acute Graft Pancreatitis: Clinical Presentation, Radiologic Findings, Principles of Management and Prognosis. *Ann Surg.* 2008 Jun;247(6):1058-63.
2. I Goihman, I Kory, **R Small**, A Kessler, JM Klausner, R Nakache, M Ben-Haim: Long-term Outcome and Risk Factors of Failure Following Bile Duct Injury Repair. *J Gastrointest Surg.* 2008 Aug;12(8):1412-7. *My role in this project was as a research assistant*
3. **R Small**, R Soriano, M Chietero, J Quintana, V Parkas, J Koestler: Easing the Transition: Medical Students' Perceptions of Critical Skills Required for the Clerkships. *Education for Health* (online), Dec 2008: 192. Available from: <http://www.educationforhealth.net>
4. **R Small**, N Lubezky, E Shmueli, A Figer, D Aderka, R Nakache, J Klausner, M Ben-Haim: Response to Chemotherapy Predicts Outcome Following Resection of Hepatic Colo-Rectal Metastases in Patients Treated with Neoadjuvant Chemotherapy. *J Surg Oncol.* 2009 Feb 1;99(2):93-8.
5. **RM Wolf**, KE Steele, LA Peterson, TH Magnuson, MA Schweitzer, GW Wong: Lower circulating C1q/TNF-related protein-3 (CTRP3) levels are associated with obesity: A cross-sectional study. *PLoS One.* 2015 Jul 29;10(7):e0133955.
6. **RM Wolf**, X Lei, ZC Yang, M Nyandjo, S Tan, GW Wong: CTRP3 deficiency reduces liver size and alters IL-6 and TGF- β levels in obese mice. *Am J Physiol Endocrinol Metab.* 2015 Dec 15;ajpendo.00248.2015.
7. P Petersen*, **RM Wolf***, X Lei, J Peterson, GW Wong: Immuno-modulatory roles of CTRP3 in endotoxemia and metabolic stress. *Physiol Rep.* 2016 Mar;4(5). *Co-first author
8. **RM Wolf**, KE Steele, LA Peterson, X Zeng, AE Jaffe, MA Schweitzer, TH Magnuson, GW Wong: C1q/TNF-related protein9 (CTRP9) levels are associated with obesity and decrease following weight loss surgery. *Journal of Clinical Endocrinology and Metabolism.* 2016 Mar
9. P Petersen*, X Lei*, **RM Wolf***, S Rodriguez, S Tan, H Little, MA Schweitzer, TH Magnuson, KE Steele, and GW Wong: CTRP7 deletion attenuates obesity-linked glucose intolerance, adipose inflammation, and hepatic stress. *Am J Physiol Endocrinol Metab.* 2017. *Co-first author
10. **RM Wolf**, AE Jaffe, KE Steele, MA Schweitzer, TH Magnuson, A Wolfe, GW Wong. Cytokine, chemokine and cytokine receptor changes are associated with metabolic improvements after bariatric surgery. *Journal of Clinical Endocrinology and Metabolism.* 2018 Dec
11. H Yang, C-N Liu, **RM Wolf***, M Ralle, H Pierson, F Askin, KE Steele, MA Schweitzer, TH Magnuson, GW Wong, S Lutsenko. Obesity is Associated with Copper Elevation in Serum and Tissues. *Metallomics.* June 2019. *Contributed human data and specimens for this study
12. A Vassilopoulos, JM Valenzuela, J Tsikis, L Reitblat, EJ Blanco, S Nicholls, **RM Wolf**. Pediatric Diabetes Patients Infrequently Access Outpatient Psychology Services following Screening and Referral: Implications for Practice. *Children's Health Care.* Aug 2019
13. **RM Wolf**, K Oshima, JKCanner, KE Steele. Impact of a preoperative low calorie diet on liver histology in patients with fatty liver disease undergoing bariatric surgery. *SOARD.* Aug 2019
14. JM Valenzuela, S Records, K Mueller, M Martin, **RM Wolf**. Racial Ethnic Disparities in Youth with Type 1 Diabetes participating in Diabetes Summer Camps. *Diabetes Care.* Apr 2020
15. M Porter, R Channa, J Wagner, L Prichett, TYA Liu, **RM Wolf**. Prevalence of diabetic retinopathy in children and adolescents at an urban tertiary eye care center. *Pediatric Diabetes.* May 2020
16. **RM Wolf**, R Channa, MD Abramoff, H Lehmann. Cost-effectiveness of autonomous point of care diabetic retinopathy screening for pediatric patients with diabetes. *JAMA Ophthalmology.* Sept 2020
17. G Ferrari, JM Valenzuela, **RM Wolf**. Assessing Disparities in Barriers to Attending Pediatric Diabetes Camp. *Journal of Pediatric Endocrinology and Metabolism.* Oct 2020
18. S Vanderhoek, L Prichett, **RM Wolf**. Association of NPO Duration with Glycemia in Non-Diabetic Adolescents Undergoing Anesthesia for Non-Cardiac Surgery. *Peds Anesthesia.* Nov 2020g
Symptoms of Depression in Adolescents With Diabetes Using the Patient Health Questionnaire and Semi-Structured Interviews. *Diabetes Spectr.* 2020 Nov;33(4):339-346. *As the only pediatric endocrinologist on the study team, I played a pivotal role in the clinical interpretation of data and to the revision of the work around clinically relevant content.*
19. **R Verma**, **CG Thomas**, M West, L Prichett, C Glancey, J Tracey, K Arcara, SN Magge, **RM Wolf**. Communication frequency is associated with improved glycemic control in pediatric diabetes. *Journal of*

20. **RM Wolf**, TYA Liu, CG Thomas, L Prichett, K Smith, MD Abramoff, R Channa. The SEE Study: Safety, Efficacy, and Equity of Implementing autonomous artificial intelligence for diagnosing diabetic retinopathy in youth. *Diabetes Care* Jan 2021
21. CG Thomas, R Channa, L Prichett, TYA Liu, MD Abramoff, **RM Wolf**. Racial/Ethnic disparities and barriers to diabetic retinopathy screening in youth. *JAMA Ophthalmology*. May 2021
22. S Vanderhoek, A Moini, L Prichett. **RM Wolf**. Practice Patterns of Perioperative Insulin Pump Management in Pediatric Diabetes. *Pediatric Anesthesia*. April 2021
23. **RM Wolf**, AE Jaffe, S Rodriguez, X Lei, D Sarver, A Straub, GW Wong, SN Magge. Altered adipokines in obese adolescents: A cross-sectional and longitudinal analysis across the spectrum of glycemia. *AJP Endocrinology and Metabolism*. May 2021
24. S Bharill, SM Blackman, S Salsberg, **RM Wolf**. Increased Risk for Diabetic Ketoacidosis Admissions in Youth with Type 1 Diabetes during the first wave of COVID-19 in the United States: A 5-Year Analysis. *International J of Diabetes & Metabolic Syndrome*. July 2021.
25. M Ferm, D DeSalvo, LM Prichett, JK Sickler, ***RM Wolf**, ***R Channa**. Clinical and demographic factors associated with diabetic retinopathy among children and adolescents with diabetes. JAMA Open Network. Sept 2021. **Dr Channa and I are co-senior authors on this study, having supervised the initial data collection, developed the research idea and supervised this analysis and manuscript writing.*
26. F Bacha, P Cheng, RL Gal, LC Beaulieu, C Kollman, A Adolph, A Shoemaker, **RM Wolf**, G J Klingensmith, WV Tamborlane. Racial and Ethnic Disparities in Comorbidities in Youth with type 2 diabetes in the Pediatric Diabetes Consortium (PDC). *Diabetes Care*. Sept 2021
27. J Peng, B Ramatchandirin, Y Wang, A Pearah, K Namachivayam, **RM Wolf**, K Steele, K MohanKumar, L Yu, S Guo, MF White, A Maheshwari, L He. The P300 acetyltransferase inhibitor C646 promotes membrane translocation of insulin receptor protein substrate and interaction with the insulin receptor. *J Biol Chem*. Jan 2022
28. **RM Wolf**, P Cheng, RL Gal, LC Beaulieu, C Kollman, E Isganaitis, SN Magge, LD Mastrandrea, GJ Klingensmith, W Tamborlane, M Van Name. Youth with Type 2 Diabetes have a high rate of treatment failure after discontinuation of insulin: A Pediatric Diabetes Consortium (PDC) Study. *Pediatric Diabetes*. Feb 2022
29. A Arking, DC Sarver, SN Magge, GW Wong, **RM Wolf**. Novel adipokines CTRP1, CTRP9, and FGF21 in pediatric type 1 and type 2 diabetes: A cross-sectional analysis. *Horm Res Paediatr*. 2022 Feb 16.
30. **RM Wolf**, N Noor, R Izquierdo, D Jett, A Rewers, S Majidi, N Sheanon, E Breidbart, C Demeterco-Berggren, JM Lee, MK Kamboj, O Ebekozien. Increase in newly diagnosed type 1 diabetes in youth during the COVID-19 pandemic in the US: A multi-center analysis. *Pediatr Diabetes*. 2022 Feb 25
31. **RM Wolf**, MD Abramoff, R Channa, C Tava, W Clarida, H Lehmann. Potential Reduction in Healthcare Carbon Footprint by Autonomous Artificial Intelligence. *Nat Dig Med*. May 2022
32. M Waheed, T Lin, M Thivierge, M Seel, L Prichett, EA Brown, **RM Wolf**. Brief Pictorial Quizzes to Assess Carbohydrate Counting and Nutrition Knowledge in Youth with Type 1 Diabetes. *Clinical Diabetes*. 2023 Spring;41(2):141-146.
33. S Snow, M Thivierge, M Seel, EA Brown, Y Akhtar, **RM Wolf**. A Brief Nutrition Questionnaire for Children with Newly Diagnosed Type 1 diabetes. *Clinical Diabetes*. 2023 Spring;41(2):192-197.
34. S Bharill, T Lin, A Arking, EA Brown, M West, K Busin, SN Magge, **RM Wolf**. Worsening glycemic control in youth with type 2 diabetes during COVID-19. *Frontiers in Endocrinology*. Accepted.
35. SN Magge, ***RM Wolf**, ***L Pyle**, EA Brown, VC Benavides, ME Bianco, LC Chao, A Cymbaluk, P Gumus Balikcioglu, K Halpin, DS. Hsia, L Huerta-Saenz, JJ Kim, S Kumar, LE Levitt Katz, BE Marks, A Neyman, KL O'Sullivan, S Sasidharan Pillai, AS Shah, AH. Shoemaker, JAW Siddiqui, S Srinivasan, IH Thomas, JB. Tryggstad, MF Yousif, MM. Kelsey, on behalf of the COVID-19 and Type 2 Diabetes Consortium. The COVID-19 pandemic is associated with a substantial rise in frequency and severity of presentation of youth-onset type 2 diabetes. *Journal of Pediatrics*. Aug 2022. **Co-first authors, and coordinating center.*

36. P Zhou, L Eltemsah, M Bahrainian, L Prichett, TYA Liu, **RM Wolf**, R Channa. Assessment of Trained Image Grader Performance in Screening for Retinopathy Among Youth with Diabetes. *Journal of Diabetes Science and Technology*. Accepted.
37. J Valenzuela, K Dimentstein, S Yee, B Pan, M Snyder, **RM Wolf**. Psychosocial Impact of the COVID-19 Pandemic in Racially/Ethnically Diverse Youth with Diabetes. *J Pediatric Psychology*. 2023 Jan 12;48(1):17-28.
38. Vanderhoek SM, Prichett L, Hardeo H, Boss EF, **Wolf RM**. Association of dysglycemia with post-operative outcomes in pediatric surgery. *J Pediatr Surg*. 2022 Sep 26:S0022-3468(22)00613-3.PMID: 36272814.
39. Lin T, Manfredo JA, Illesca N, Abiola K, Hwang N, Salsberg S, Akhtar Y, Mathioudakis N, Brown EA, **Wolf RM**. Improving Continuous Glucose Monitoring Uptake in Underserved Youth with Type 1 Diabetes: The IMPACT Study. *Diabetes Technol Ther*. 2022 Nov 7. PMID: 36223197.
40. Zehra A, Brown EA, **Wolf RM**. Providing Point-of-Care Sample CGM Increases Uptake of Personal CGM. *J Diabetes Sci Technol*. 2022 Nov 9: Epub ahead of print. PMID: 36350177.
41. Kanbour S, Jones M, Abusamaan MS, Nass C, Everett E, **Wolf RM**, Sidhaye A, Mathioudakis N. Racial Disparities in Access and Use of Diabetes Technology Among Adult Patients With Type 1 Diabetes in a U.S. Academic Medical Center. *Diabetes Care*. 2023 Jan 1;46(1):56-64. doi: 10.2337/dc22-1055
42. Laffel LM, Danne T, Klingensmith GJ, Tamborlane WV, Willi S, Zeitler P, Neubacher D, Marquard J; DINAMO Study Group. Efficacy and safety of the SGLT2 inhibitor empagliflozin versus placebo and the DPP-4 inhibitor linagliptin versus placebo in young people with type 2 diabetes (DINAMO): a multicentre, randomised, double-blind, parallel group, phase 3 trial. *Lancet Diabetes Endocrinol*. 2023 Mar;11(3):169-181. doi: 10.1016/S2213-8587(22)00387-4. Epub 2023 Feb 1. PMID: 36738751. **Site PI, recruitment site with largest number of participants**
43. Channa R, **Wolf RM**, Abramoff MD, Lehmann HP. Effectiveness of artificial intelligence screening in preventing vision loss from diabetes: a policy model. *NPJ Digit Med*. 2023 Mar 27;6(1):53. doi: 10.1038/s41746-023-00785-z. PMID: 36973403; PMCID: PMC10042864.
44. Manfredo J, West M, Busin K, Tracey J, Brown EA, Magge SN, **Wolf RM**. Short-term use of CGM in youth onset type 2 diabetes is associated with behavioral modifications. *Front Endocrinol (Lausanne)*. 2023 May 29;14:1182260.
45. Marks BE, Meighan S, Zehra A, Douvas JL, Rearson A, Suresh R, Brown EA, **Wolf RM**. Real-World Glycemic Outcomes with Early Omnipod 5 Use in Youth with Type 1 Diabetes. *Diabetes Technol Ther*. 2023 Nov;25(11):782-789.
46. Pearah A, Ramatchandirin B, Liu T, **Wolf RM**, Ikeda A, Radovick S, Sesaki H, Wondisford FE, O'Rourke B, He L. Blocking AMPK α S496 phosphorylation improves mitochondrial dynamics and hyperglycemia in aging and obesity. *Cell Chem Biol*. 2023 Dec 21;30(12):1585-1600.e6. **Provided human tissue samples for this project**
47. **Wolf RM**, Channa R, Liu TYA, Zehra A, Bromberger L, Patel D, Ananthakrishnan A, Brown EA, Prichett L, Lehmann HP, Abramoff MD. Autonomous artificial intelligence increases screening and follow-up for diabetic retinopathy in youth: the ACCESS randomized control trial. *Nat Commun*. 2024 Jan 11;15(1):421.
48. Eng D, Ospelt E, Miyazaki B, McDonough R, Indyk JA, **Wolf R**, Lyons S, Neyman A, Fogel NR, Basina M, Gallagher MP, Ebekozi O, Alonso GT, Jones NY, Lee JM. The Design of the Electronic Health Record in Type 1 Diabetes Centers: Implications for Metrics and Data Availability for a Quality Collaborative. *J Diabetes Sci Technol*. 2024 Jan;18(1):30-38.
49. Shou BL, Venkatesh K, Chen C, Ghidey R, Lee JH, Wang J, Channa R, **Wolf RM**, Abramoff MD, Liu TYA. Risk Factors for Nondiagnostic Imaging in a Real-World Deployment of Artificial Intelligence Diabetic Retinal Examinations in an Integrated Healthcare System: Maximizing Workflow Efficiency Through Predictive Dilation. *J Diabetes Sci Technol*. 2024 Mar;18(2):302-308.
50. Kanbour S, Harris C, Lalani B, **Wolf RM**, Fitipaldi H, Gomez MF, Mathioudakis N. Machine Learning Models for Prediction of Diabetic Microvascular Complications. *J Diabetes Sci Technol*. 2024 Mar;18(2):273-286.
51. Liu TYA, Shpigel J, Khan F, Smith K, Prichett L, Channa R, Kanbour S, Jones M, Abusamaan MS, Sidhaye A, Mathioudakis N, **Wolf RM**. Use of Diabetes Technologies and Retinopathy in Adults With Type 1 Diabetes. *JAMA Netw Open*. 2024 Mar 4;7(3):e240728.

52. Dimentstein, K., Valenzuela, J. M., Yee, S., Pan, B., Snyder, M. C., & **Wolf, R. M.** (2024). Healthcare utilization & disparities in pediatric diabetes care during COVID-19. *Children's Health Care*, 53(4), 418–453.
53. Huang JJ, Channa R, **Wolf RM**, Dong Y, Liang M, Wang J, Abramoff MD, Liu TYA. Autonomous artificial intelligence for diabetic eye disease increases access and health equity in underserved populations. *NPJ Digit Med*. 2024 Jul 22;7(1):196.
54. Samuels SL, Chajceki A, Hu P, Kayser M, Weyman K, Pan B, Brown EA, Van Name M, **Wolf RM**. Real-world use of glucagon-like peptide-1 receptor agonists in youth with type 2 diabetes is associated with short-term improvements in HbA1c. *Diabetes Obes Metab*. 2024 Apr;26(4):1305-1313.
55. Phu A, Banghart M, Bahrainian M, Liu TYA, **Wolf RM**, Channa R. Dipeptidyl peptidase 4 inhibitors, sodium glucose cotransporter 2 inhibitors, and glucagon-like peptide 1 receptor agonists do not worsen diabetic macular edema. *J Diabetes Complications*. 2024 Aug;38(8):108808.
56. Youssef A, Nichol AA, Martinez-Martin N, Larson DB, Abramoff M, **Wolf RM**, Char D. Ethical Considerations in the Design and Conduct of Clinical Trials of Artificial Intelligence. *JAMA Netw Open*. 2024 Sep 3;7(9):e2432482.
57. **Wolf RM**, Parimi N, Alver D, Pan B, Liu A, Liu T, Klopouh M, Sidhayee A, Rieckert KA, Mathioudakis N. Development of a Diabetes Navigator Toolkit to Support Diabetes Technology Uptake: The IMPACT Toolkit. *Clin Diabetes*. 2024 Nov 18;43(2):240-252.
58. Vanderhoek SM, Sklar MB, Zeng Y, Prichett LM, **Wolf RM**. Navigating Advanced Diabetes Technologies in Perioperative Practice: A Survey of Pediatric Anesthesiologists. *Anesth Analg*. 2024 Oct 1;139(4):884-886.
59. Ahmed M, Dai T, Channa R, Abramoff MD, Lehmann HP, **Wolf RM**. Cost-effectiveness of AI for pediatric diabetic eye exams from a health system perspective. *NPJ Digit Med*. 2025 Jan 2;8(1):3.
60. Doulamis IP, Pan B, Tzani A, Plutzky J, Wong GW, Kilic A, **Wolf RM**. Transcriptomic signatures of subcutaneous adipose tissue in patients with diabetes and coronary artery disease: a pilot study. *Front Cardiovasc Med*. 2025 Feb 5. PMID: 39974596
61. Parimi N, **Wolf RM**. Impact of Diabetes Camp Attendance on Decision to Use Insulin Pumps Among Youth With Type 1 Diabetes. *J Diabetes Sci Technol*. 2025 Apr 9. PMID: 40200767.
62. Fatima S, Prichett L, Campbell N, Snyder MCN, Bifano M, **Wolf RM**. Suicide Risk Screening in a Diverse Cohort of Youth With Type 1 and Type 2 Diabetes. *Pediatr Diabetes*. 2025 Jun 2;2025:6662248.
63. **Wolf RM**, Patel D, Gera S, Molano G, Dolivera T, Meighan S, Brown EA, Marks BE. Does the OP5 Automated Insulin Delivery System Close the Gap in Glycemic Control Between White and Black Youth with Type 1 Diabetes? *Diabetes Technol Ther*. 2025 Jun;27(6):469-478.
64. Aman S, Asebot M, Patel D, Brown EA, Martinez AC, Kuwera E, Le VH, Zhang Y, Wang RK, **Wolf RM**, Kashani AH. OCT Angiography of Choriorretinal Microvasculature in Children with Type 1 and Type 2 Diabetes without Retinopathy. *Ophthalmol Sci*. 2025 Aug
65. Yang H, Dai T, Mathioudakis N, Knight AM, Nakayasu Y, **Wolf RM**. Peer perceptions of clinicians using generative AI in medical decision-making. *NPJ Digit Med*. 2025 Aug
66. Patel D, Shah AS, Magella B, Bahrainian M, Brown EA, Liu TYA, Shah V, Channa R, **Wolf RM**. High rate of complications in a real-world cohort of youth with T2D: a multicenter analysis. *J Diabetes Complications*. 2025 Sep;39(9):109091.
67. Timkovski M, Patel D, Brown EA, Magella B, Shah AS, **Wolf RM**. Real-world effectiveness of sodium glucose transporter 2 inhibitors among youth with type 2 diabetes. *J Pediatr Endocrinol Metab*. 2025 Sep
68. Wu C, Olkowski A, Blevins A, Thivierge M, Patel D, Magge SN, Brown EA, **Wolf RM**. Implementation and feasibility of a nutrition assessment for recently diagnosed youth with type 2 diabetes. *J Pediatr Endocrinol Metab*. 2025 Nov
69. Chu PY, Parimi N, **Wolf RM**, Brown EA, Kelly A, Marks BE. Real-World Safety and Effectiveness of U200 Insulin Use in Automated Insulin Delivery Systems in Adolescents and Young Adults with Type 1 Diabetes. *Diabetes Technol Ther*. 2025 Dec
70. Haller MJ, Kanapka L, Monzavi R, Mouse TJ, Prakasam G, Dewan AK, DiMeglio LA, Laffel LM, Willi SM, Tansey MJ, Nelson BA, Kashmiri H, Wood JR, Latif K, White P, Kipnes M, Rodriguez H, Smith J, Sparling DP, Malik FS, Cymbaluk A, Bhargava A, Ekhlaspour L, Beasley S, Cossen K, Wintergerst KA, Fiallo-Scharer R, Maahs DM, Bethin KE, Wood MA, Hanley PC, Mulukutla SN, Van Name M, Blackman SM, Gallagher

- MP, Clements MA, Sheanon N, Reddy K, Reiner BJ, Gal R, Beck RW; INHALE-1 Study Group*. INHALE-1: A Multicenter Randomized Trial of Inhaled Technosphere Insulin in Children With Type 1 Diabetes. *Diabetes Care*. 2026 Jan 1 (Site Co-Investigator)
71. Lahoti A, Haque MR, Bianco ME, Choudhary A, Clark AL, Marks BE, Pinnaro CT, Shah AS, Stefater-Richards MA, Thaker VV, **Wolf RM**, Tryggestad JB; TrenDY (Trends of Diabetes in Youth) Consortium. Trends of Diabetes in Youth (TrenDY) During COVID-19 Across the United States. *J Clin Endocrinol Metab*. 2026 Jan
 72. Valdez Y, Parimi N, Kim YC, Brown EA, Sidhaye A, **Wolf RM**, Mathioudakis N. Factors Associated With Time to Automated Insulin Delivery System Initiation in Adults With Type 1 Diabetes on Multiple Daily Injections. *J Diabetes Sci Technol*. 2026 Jan
 73. Parimi N, Vanderhoek SM, Arcara K, **Wolf RM**. Use of Automated Insulin Delivery Systems Following Pediatric Total Pancreatectomy and Islet Auto Transplantation. *Diabetes Technol Ther*. 2026 Feb
 74. Parimi N, Wu C, Ziglar J, Brown EA, Sidhaye A, Mathioudakis N, **Wolf RM**. Factors Associated With Time to Automated Insulin Delivery System Initiation in Youth With Type 1 Diabetes. *J Diabetes Sci Technol*. 2026 Mar
 75. Leong A, **Wolf RM**, Channa R, Wang J, Lehmann H, Abramoff MD, Liu TYA. Autonomous AI-assisted diabetic retinopathy screening at primary care is associated with increased presentation to eye care by at risk patients. *NPJ Digit Med*. 2026 Mar
 76. Mann EA, Prahalad P, **Wolf RM**, Mathioudakis N, Rioles N, Rompicherla S, Odugbesan O, Thapa S, Vigersky R, Ebekozien O. Early Initiation of Automated Insulin Delivery at Type 1 Diabetes Diagnosis in Children and Adolescents Is Associated with Improved Outcomes. *Diabetes Technol Ther*. 2026 Apr
 77. Yang H, Dai T, **Wolf RM**. Financial incentives increase uptake and perceived effectiveness of autonomous medical AI, yet patients still seek human reconfirmation. *NPJ Digit Med*. 2026 May 7;9(1):587.
 78. Ospelt E, Wright T, Indyk J, Rioles N, Thapa S, Beckwitt A, Ebekozien O, Hopkins R, Erardi J, Choudhary A, Gupta M, Gallagher MP, Ilkowitz J, Davis G, Mathioudakis N, **Wolf RM**. Using Stakeholder Input to Develop a Best Practice Advisory (BPA) to Increase Prescribing of Automated Insulin Delivery (AID) Systems for People With Type 1 Diabetes (PwT1D). *J Diabetes Sci Technol*. 2026 May
 79. **Wolf RM**, Ospelt E, Vora D, Odugbesan O, Brown EA, Wong JC, March CA, Mathioudakis N. Automated Insulin Delivery Use Among Pre-Schooled Aged Children with Type 1 Diabetes: A T1D Exchange Multicenter Analysis. *J Diabetes Sci Technol*. 2026
 80. Ramanujam S, Channa R, Liu TYA, Brown EA, Parimi N, Kim YC, Bromberger L, Lehmann HP, Abramoff MD, **Wolf RM**. Neuroretinal Layer Thinning on OCT Imaging and Hemoglobin A1c in Youth With Type 1 Diabetes. *JAMA Ophthalmol*. 2026 Aug 1;144(8):764-772.
 81. Nichol AA, Youssef A, Larson DB, Abramoff M, **Wolf RM**, Char D, Martinez-Martin N. Ethics of Autonomous AI Clinical Trials: Delphi Study. *J Med Internet Res*. 2026 Aug 21;28:e91472.
 82. Valdez Y, Segev N, Parimi N, Vegesna M, Brown EA, Samuels S, Van Name M, Shah AS, **Wolf RM**. Real-world effectiveness of tirzepatide among youth with type 2 diabetes and/or obesity: a multicenter analysis. *J Pediatr Endocrinol Metab*. 2026 Aug 12.

Review Articles [RA]

1. **R Small**, N Lubezky, M Ben-Haim: Current Controversies in the Surgical Management of Colorectal Cancer Metastases to the Liver: A Review. *Isr Med Assoc J*. 2007 Oct;9(10):742-7.
2. **RM Wolf**, D Long: Pubertal Development. *Pediatrics in Review*. July 2016
3. **RM Wolf**, **M Nagpal**, SN Magge. Diabetes and Cardiometabolic Risk in South Asian Youth: A Review. *Pediatric Diabetes*. May 2020
4. **T Lin**, R Gubitosi-Klug, R Channa, **RM Wolf**. Pediatric Diabetic Retinopathy: Updates in prevalence, risk factors, screening and management. *Current Diabetes Reports*, in press. *Invited submission to Dr. Wolf*
5. **Patel D**, **Ananthakrishnan A**, **Lin T**, Channa R, Liu TYA, **Wolf RM**. Social Determinants of Health and Impact on Screening, Prevalence, and Management of Diabetic Retinopathy in Adults: A Narrative Review. *J Clin Med*. 2022 Nov 30;11(23):7120. PMID: 36498694
6. Rioles N, March C, Muñoz CE, Ilkowitz J, Ohmer A, **Wolf RM**. Stakeholder Engagement in Type 1 Diabetes Research, Quality Improvement, and Clinical Care. *Endocrinol Metab Clin North Am*. 2024 Mar;53(1):165-

182.

7. Ho CN, Tian T, Ayers AT, Aaron RE, Phillips V, **Wolf RM**, Mathioudakis N, Dai T, Klonoff DC. Qualitative metrics from the biomedical literature for evaluating large language models in clinical decision-making: a narrative review. *BMC Med Inform Decis Mak*. 2024 Nov 26;24(1):357.

Case Reports [CR]

1. **R Small**, E Friedlaender: Picture of the Month: Ewing's Sarcoma. *Archives of Pediatrics and Adolescent Medicine*. 2011 May; 165 (5): 465-466.
2. **K Bosse**, G Lee, J Treat, **R Small**: A 7-year-old Male with Abdominal Pain, Fever, and Rash. *Pediatric Annals*. July 2013. Volume 42, Issue 7: 275-277.
3. **V Huang**, **RM Wolf**. Transient neonatal hypothyroidism following a short course of maternal amiodarone-therapy. *Journal of Pediatric Endocrinology and Metabolism*. May 2019
4. M DiGiusto, **RM Wolf**, K Arcara, S Vanderhoek. Use of Continuous Glucose Monitoring to Facilitate Perioperative Glycemic Management: A Case Report. *Anesthesia & Analgesia Case Reports, Anesthesia & Analgesia*, March 2021
5. **Kim YC**, **Wolf RM**, Busin KM, Vanderhoek SM. Perioperative maintenance of hybrid closed loop insulin pump systems in youth with type 1 diabetes mellitus: A case series. *Paediatr Anaesth*. 2023 Oct;33(10):862-867.

Book Chapters; Monographs None

Text Books None

Other Publications

Guidelines/Protocols, Consensus Statement, Expert Opinion, Consortium Articles [GL]

1. S Vanderhoek and **RM Wolf**. Use of Continuous Subcutaneous Insulin Infusion (CSII) Therapy in Pediatric Diabetes Patients in the Perioperative Period. *Pediatric Anesthesia*. Jul 2019
2. R Channa, **RM Wolf**, M Abramoff. Autonomous Artificial Intelligence in Diabetic Retinopathy: From Algorithm to Clinical Application. *Journal of Diabetes Science and Technology*. Apr 2020
3. M Abramoff, B Cunningham, B Patel, M Eydelman, T Leng, T Sakamoto, B Blodi, M Grenon, **RM Wolf**, A Manrai, J Ko, M Chiang, D Char on behalf of the Collaborative Community on Ophthalmic Imaging Executive Committee and Foundational Principles of Ophthalmic Imaging and Algorithmic Interpretation Working Group. Foundational Considerations for Artificial Intelligence Utilizing Ophthalmic Images. *Ophthalmology* Aug 2021
4. **RM Wolf**, MD Abramoff, R Channa, C Tava, W Clarida, H Lehmann. Potential Reduction in Healthcare Carbon Footprint by Autonomous Artificial Intelligence. *Nat Dig Med*. 2022
5. Channa R, **Wolf RM**, Simo R, Brigell M, Fort P, Curcio C, Lynch S, Verbraak F, Abramoff MD; Diabetic Retinal Neurodegeneration and Macular Edema working group of the Mary Tyler Moore Vision Initiative's Diabetic Retinal Disease Staging Update Project. A New Approach to Staging Diabetic Eye Disease: Staging of Diabetic Retinal Neurodegeneration and Diabetic Macular Edema. *Ophthalmol Sci*. 2023 Oct 31;4(3):100420.
6. West M, Sidhaye A, Thivierge M, **Wolf RM**. Development and implementation of a workshop for young adults with diabetes entering college and the workforce. *Front Endocrinol (Lausanne)*. 2023 Oct 10;14:1288215.
7. Shah AS, **Wolf RM**. Weekly insulin: a paradigm shift in type 1 diabetes therapy. *Lancet*. 2023 Nov 4;402(10413):1598-1599.
8. **Wolf RM**, Channa R, Lehmann HP, Abramoff MD, Liu TYA. Clinical Implementation of Autonomous Artificial Intelligence Systems for Diabetic Eye Exams: Considerations for Success. *Clin Diabetes*. 2024 Winter;42(1):142-149.
9. Rosenthal JM, Sun JK, **Wolf RM**. Diabetic Retinopathy in Youths-A Potentially Unappreciated Public Health Catastrophe. *JAMA Ophthalmol*. 2024 Oct 3.
10. Liu TYA, **Wolf RM**. Autonomous Artificial Intelligence for Diabetic Eye Disease Testing Improves Access and Equity in the Pediatric and Adult Populations: The Johns Hopkins Medicine Experience. *Diabetes Spectr*. 2025 Feb 14;38(1):19-22. PMID: 39959516.

11. Levine SR, Markel DS, Myers MG, Barunas R, Sun JK, Chang DS, Maguire MG, Vujosevic S, Fort PE, Atkinson M, Baschiera F, Gates C, Hunt JM, King GL, Kretzler M, Lai P, Lewis D, Luhmann UFO, McLeod S, Oxenreiter C, Unsworth S, Chambers W, Aiello LP, Ehrlich J, German CL, Tadayoni R, **Wolf RM**, Silva P, Carlson E, Gott B, Oxenreiter M, Sexton N, Das A, Gardner TW. Report of the 2023 Mary Tyler Moore Vision Initiative Workshop. *Transl Vis Sci Technol*. 2025 Jul
12. Shah AS, Kelsey MM, **Wolf RM**, Nadeau KJ. Shaping the future of youth-onset type 2 diabetes: a call to action. *Trends Endocrinol Metab*. 2025 Apr 4:S1043-2760(25)00048-7.
13. Mathioudakis N*, **Wolf R***, Choudhary A, Davis G, Gallagher MP, Gupta M, Kamboj M, Riales N, Ospelt E, Thapa S, Weinstock RS, Wright T, Ebekozi O. Implementation and Evaluation of a Best Practice Advisory to Reduce Inequities in Technology Use for People With Type 1 Diabetes: Protocol for a Mixed Methods, Nonrandomized Controlled Trial. *JMIR Res Protoc*. 2025 May 28;14:e71038. *Co-first authors and Co-PIs on this protocol and study.
14. Marks BE, Chu PY, Parimi N, **Wolf RM**, Tran M, Berget C. Practical considerations for using concentrated U200 insulin in automated insulin delivery systems. *Front Endocrinol (Lausanne)*. 2025 Oct
15. Iyengar J, Steenkamp D, Abdelhadi M, Berman C, Buckingham D, Coulter M, Hannon TS, Joarder F, Riales N, Semenkovich K, Tweet R, Vora D, **Wolf RM**, Yardley H, Roberts A. It Is Time to Act: Making Diabetes Distress Screening Standard in Clinical Practice. *Endocr Pract*. 2026 Apr
16. Klonoff DC, Espinoza J, Mader JK, Heinemann L, Cobelli C, Kerr D, Kovatchev B, Najafi B, Prahalad P, Zheng Y, Shao MM, Scheideman AF, DuNova AY, Kohn M, Umpierrez GE, Wong TY, Abdel Malek A, Agus MSD, Ahn DT, AlSaad R, Al-Sofiani ME, Armstrong D, Arnold MA, Bee YM, Bequette BW, Bellazzi R, Cengiz E, Chase JG, Chen H, Chen JY, Cichosz SL, Cinar A, Clements MA, Close KL, Cuadros J, Contreras I, Datta G, Dhatariya K, Doyle FJ 3rd, Drincic A, Facchinetti A, Fleming GA, Foreman J, Gabbay MAL, Gutierrez-Osuna R, Healey E, Hoang TD, Jacobs PG, Kulzer B, La Belle J, Lee AY, Lee CS, Lee WA, Liepmann D, Maahs D, Mathioudakis N, Meo SA, Metwally AA, Misra S, Mohan V, Moon SJ, Raeder H, Rhee C, Rhee EJ, Scheinker D, Shah VN, Sheng B, Snyder MP, Sode K, Spanakis EK, Svensson J, Vaswani N, Vareth M, Vehi J, Wallia A, Waki K, Wang T, Williams E Jr, **Wolf RM**, Wong JC, Yeshiwas S, Zilbermint M, Shah SN. Research Code Sharing in Support of Gold Standard Science. *J Diabetes Sci Technol*. 2026 Jan

Media Releases or Interview [MR]

- 4/2016 Dateline Health, Nova Southeastern University Episode 423; Pediatric Diabetes Care
- 5/2016 Broward Health Children's Hospital to Expand Pediatric Diabetes Care. City News Coral Springs/Parkland.
- 5/2019 When Distance is a Barrier to Specialized Care, Johns Hopkins Medicine
- 9/2019 Children with Diabetes Find a Camp They Can Count on at Camp Charm City Diabetes
- 1/2020 Endocrine today; Black and Hispanic children underrepresented at diabetes summer camps
- 2/2021 Adult-Proven 'Smart' Diagnostic Tool for Diabetic Retinopathy Also Works for Kids
- 2/2021 Facebook Live: Breaking Down Diabetes, What Johns Hopkins Experts Want You to Know
- 3/2021 A Fuzzy Fix: How 'Social Toys' Can Help Kids Battle Illness and Anxiety
- 6/2021 The Pandemic Seems to have made childhood obesity worse, but there's hope. NY Times Mag
- 6/2021 Minority Youth Less Likely to Undergo Diabetic Eye exams; Review of Optometry
- 10/2021 Study Suggests Youth Who Use Insulin Pumps Less at Risk for Diabetic Retinopathy; Hopkins Medicine Newsroom
- 10/2022 Type 2 Diabetes Cases in Children on the Rise During the COVID-19 Pandemic; Hopkins Medicine Hub
- 11/2022 Digital health is late to the party. Can telehealth help hospitals curb their carbon footprints? Statnews
- 6/2023 How AI is Detecting Diabetic Retinopathy, diaTribe
- 7/2023 Ravens' TE Mark Andrews visits Type 1 diabetes camp, WBAL-TV
- 12/2023 With AI Tool, Johns Hopkins Clinician Boosts Diabetic Retinopathy Screening to 95% among Pediatric Patients, Johns Hopkins Medicine News and Publications
- 1/2024 Artificial Intelligence Ups Diabetic Eye Exams in Youth with Diabetes. HealthDay
- 1/2024 Study finds AI-driven eye exams increase screening rates for youth with diabetes, ScienceDaily
- 1/2024 AI Boosts Diabetic Eye Screening and Follow-Up in Youth, Medscape
- 1/2024 AI-Driven Eye Exams May Increase Screening Rates Among Diabetic Youth, HealthITAnalytics

1/2024 Artificial Intelligence Closes Care Gaps in Diabetic Eye Exams, HCPLive
 2/2024 The Impact of Social Determinants of Health on Diabetic Retinopathy, Consultant360 Podcast
 3/2024 AI Increases Screening for DR in Youth. Eynet Magazine, American Academy of Ophthalmology
 7/2024 Dr. Risa Wolf on Diabetic Eye Disease Research, Diabetes Research Connection, Research News
 8/2024 Use of Diabetes Technologies and the Development of Diabetic Retinopathy in Patients with Type 1 Diabetes, Consultant 360
 10/2025 AI Technology Trials to Improve Care for Diabetic Retinopathy, Johns Hopkins Medicine
 3/2025 Doctors Skeptical of Their Peers who use Generative AI, tctMD Daily News
 8/2025 Unlearning in Medical AI: A New Frontier for Privacy, Regulation and Trust. Health Affairs Forefront
 9/2025 Doctors who use AI viewed negatively by their peers, study shows, Johns Hopkins Hub
 10/2025 Physicians who use AI face a 'competence penalty,' Johns Hopkins study finds, Medical Economics
 10/2025 AI stigma: Doctors using AI seen as less competent, ICT&health
 6/2026 AI's next breakthrough might start with a handshake, Johns Hopkins Carey Business School
 6/2026 Inhalable insulin found safe for Children, Baltimore Sun
 7/2026 California drugmaker tests insulin inhaler at Johns Hopkins, Baltimore Banner

[Institutional Publications](#)

2012 CHOP Connection Newsletter, Assistant Editor, Children's Hospital of Philadelphia 2012
 2014 Johns Hopkins Children's Center NICU Guidebook, Endocrine Section, 2014

FUNDING

EXTRAMURAL FUNDING

Research Extramural Funding

[Current](#)

3/1/26 – 2/28/27	Lilly Diabetes AWARD-PEDS PLUS: Study of Dulaglutide 3mg and 4.5mg in Pediatric Participants with Type 2 diabetes mellitus Role: PI
9/15/25-8/31/28	Feasibility of MBSR-VR to Reduce Stress among Emerging Adults with T1D NIH/NIDDK R01DK141816 (PI: Sibinga) Role: Co-I
12/1/24-1/30/27	Diabetic Retinal Neurodegeneration in Youth Onset Diabetes NIH/NEI 1R21EY036948-01 Role: PI
5/1/24-5/30/27	Tziield Registry Study Sanofi Role: Site PI
4/1/24 – 3/31/27	Implementing Best Practice Advisories to Reduce Inequities in Technology Use for people with Type 1 diabetes Breakthrough T1D (formerly JDRF) Role: Co-Investigator (PI: Osagie Ebekozien, Co-I: Nes Mathioudakis)
10/1/22 – 11/30/26	Implementation of a diabetes navigator to Mitigate disPARities and improve CGM uptake and sustained use across the lifespan of T1D (IMPACT T1D) NIH/NIDDK 1R01DK134955-01 Role: MPI (Wolf & Mathioudakis)
9/1/22 – 12/31/26	Autonomous AI for DR screening: Towards FDA approval Breakthrough T1D (formerly JDRF)

Role: PI

Pending

Tirzepat-AID Study: Tirzepatide as adjunct to automated insulin delivery for overweight/obese adults with T1D not meeting glycemic targets
NIH/NIDDK
Role: Co-PI (with Nestoras Mathioudakis)

Previous

9/30/22 - 9/30/25	T1D Exchange Quality Improvement Consortium Role: PI (Pediatrics)
7/1/24-6/30/25	Camp Charm City Diabetes Camp: Family Engagement Program Thomas Wilson Foundation Award Role: PI
9/01/22 – 8/31/24	Ethics of AI in clinical trials NEI Supplement to 1 R01 EY033233-01 Role: PI
9/1/21 – 8/31/24	Autonomous AI to mitigate disparities for diabetic retinopathy screening in youth during and after COVID-19 NEI 1 R01 EY033233-01 Role: PI
4/1/19 – 3/31/24	Role of Adipokines in Mediating and Predicting HF Associated with Obesity 1R01HL146907-01 NHLBI Role: Co-Investigator (PI: Ndumele)
9/01/22 – 8/31/23	Administrative Supplement NEI Supplement to 1 R01 EY033233-01 Role: PI
12/1/18-3/1/23	DINAMO-Diabetes study of liNagliptin and eMpagliflozin in children and adOlescents. Boehringer Ingelheim Pharmaceuticals, Inc. Jaeb Center for Health Research/ Pediatric Diabetes Consortium Role: Site Investigator
7/1/20 – 8/31/22	Special Programming for Adolescent CITs at Diabetes Camp Thomas Wilson Award Role: PI
7/1/21 - 6/30/22	CGM use in high-risk, poorly controlled Children with Type 1 diabetes Dexcom - Investigator initiated grant Role: PI
1/1/21 – 6/30/22	Using Autonomous AI to improve early detection of DR in Children with T1D Diabetes Research Connection Role: PI
8/1/18 - 8/31/19	Summer Day Camp for Children with Diabetes

Thomas Wilson Foundation Award
Role: PI

7/1/14- 6/30/16 CTRP3 Regulates lipid metabolism
Endocrine Society
Role: Fellow, Co-Investigator (PI: G. William Wong, Ph.D.)

7/1/14- 6/30/15 CTRP3 Regulates lipid metabolism
Pediatric Endocrine Society
Role: Fellow, Co-Investigator (PI: G. William Wong, Ph.D.)

7/1/13- 6/30/14 Interdepartmental Training Program in Cellular and Molecular Endocrinology
NIH/NIDDK 5T32DK007751-16
Role: Post-doctoral clinical fellow
PI: Sally Radovick, M.D.

INTRAMURAL FUNDING

Research Intramural Funding

Current

1/1/26-12/31/26 Learning Health System Symposium
Hopkins Business of Health Initiative (HBHI) Workgroup Award
Role: Co-I

Pending

10/1/26-9/30/28 AID-AI: AI-driven clinician decision support to optimize automated insulin delivery (AID) in diabetes
Role: PI (Co-PI: Nestoras Mathioudakis, Gordon Gao, Ritu Agarwal)

Previous

7/1/25-6/30/26 Responsible AI for Health Symposium (RAIHS) at HBC
2025 Johns Hopkins Nexus Award
Role: Co-I

7/1/24-6/30/25 Johns Hopkins Children's Center Innovation Award
Developing an EMR dashboard for high-risk diabetes patients
Role: PI

7/1/22- 6/30/25 Purposeful Design for AI-Augmented Healthcare: Harnessing Physician-in-the-loop systems to improve the Patient Journey
Johns Hopkins Medicine Discovery Award
Role: Co-Investigator

7/1/23- 6/30/24 AI for Health Equity Breakfast Series
Johns Hopkins University Nexus Award
Role: Co-Investigator

1/1/22- 12/31/22 Incorporating AI into Day-to-Day Clinical Workflow: Impact of AI on Healthcare Operations, Physician Behavior, and Quality of Care
Hopkins Business of Health Initiative
Role: Co-Investigator

7/1/20 – 6/30/22 IMPaCT: Implementing Professional continuous glucose monitoring in high-risk, poorly controlled Children with Type 1 and 2 Diabetes

Johns Hopkins Children's Center Innovation Award
Role: PI

4/1/19-4/31/20 Johns Hopkins Clinical Research Network Research Accelerator and Mentorship Program (RAMP) Grant
Title: The Role of Adipokines in the Resolution of Diabetes after Bariatric Surgery
Role: PI

7/1/18-12/31/19 Johns Hopkins Children's Center Innovation Award
Title: Digital Retinal Exams in pediatric diabetes
Role: PI

CLINICAL ACTIVITIES

Certification

Medical, other state/government licensure

2017 - present State of Maryland: Physician and Surgeon, #D0083736
2026 – present State of Pennsylvania: Medical Physician and Surgeon, MD441399

Boards, other specialty certification

2015- present Diplomate, American Board of Pediatric Endocrinology
2011- present Diplomate, American Board of Pediatrics

EDUCATIONAL ACTIVITIES

Teaching

Classroom Instruction

JHMI/Regional

2014 Interdisciplinary Medicine Course on Obesity, Nutrition and Behavioral Changes. Small group facilitator for 2nd year medical students. Johns Hopkins School of Medicine, Baltimore, MD
2015- 2017 Research for Residents. Course developer and lead faculty, provided monthly lectures to residents on conducting research, from developing an idea to writing a manuscript. Broward Health Medical Center, Fort Lauderdale, FL
2016- 2017 Core Faculty for Pediatric Journal Club, Pediatric Residency, Broward Health Medical Center, Fort Lauderdale, FL
2018-present Quarterly lecture on Diabetes for medical students. Core Clerkship in Pediatrics, Johns Hopkins School of Medicine.
March 2024 Clinical Informatics Course, "AI technology to reduce disparities in pediatric diabetes." Johns Hopkins School of Medicine.
Feb 2026 Translational Science - Metabolism Course, Johns Hopkins School of Medicine.

National None

International

July 2026 *Invited Speaker.* 2nd International Summer School on AI for Diabetes Management. Girona, Spain

Clinical Instruction

JHMI/Regional

2007-2008 Chief Teaching Senior, East Harlem Health Outreach Program, Mount Sinai School of Medicine, NY, NY
2008-2012 Introduction to the Wards, Penn MD307 Course, Preceptor for medical students, University of Pennsylvania School of Medicine, Philadelphia PA

2014	Preceptor, Transition to the Wards, Johns Hopkins School of Medicine, Baltimore MD
2015- 2017	Preceptor for rotations in Pediatric Endocrine and Diabetes, Residents and Medical Students at Broward Health Medical Center, 2015-2017, Fort Lauderdale, FL
2017 -present	Attending, pediatric interns and residents, Inpatient endocrine service, 5 weeks each year, Johns Hopkins University School of Medicine
2017- present	Attending, pediatric endocrine fellows, pediatric residents and medical students, outpatient endocrine clinics, 50 weeks each year, Johns Hopkins University School of Medicine.
2021 -present	Attending Preceptor for Fellows diabetes clinic, 26 weeks each year, Johns Hopkins University School of Medicine.

National	None
International	None

7/12- 6/15	Clinical on-service Fellow/Presenter (36 times of the three year fellowship program). Pediatric Endocrine Clinical Conference. Johns Hopkins University, Baltimore, MD.
4/13	Speaker, Combined Adolescent and Pediatric Endocrine Clinical Case Conference: "Thyroid Nodules," Johns Hopkins University School of Medicine, Baltimore MD.
11/18	Speaker, Johns Hopkins Medicine Community Physicians Webinar. Baltimore, MD, "Recent Advances in Pediatric Diabetes Care"
5/19	Speaker, 46 th Annual Trends Meeting, Baltimore, MD, "Short Stature in Children and Adolescents"
10/19	Speaker, 34 th Annual Pediatrics for the Practitioner, Baltimore, MD. "Recent Advances in Pediatric Diabetes Care: Diabetes Technologies"
10/20	Speaker, 35 th Annual Pediatrics for the Practitioner, Baltimore, MD. "Pediatric Type 2 diabetes"
10/21	Speaker, 36 th Annual Pediatrics for the Practitioner, Baltimore, MD. "Youth Onset Type 2 diabetes"
5/22	Speaker, 49 th Annual Trends Meeting, Baltimore, MD, "Recent Advances in T1D Management"
10/23	Speaker, 38 th Annual Pediatrics for the Practitioner, Baltimore, MD. "Youth Onset Type 2 diabetes"
10/25	Speaker, 40 th Annual Pediatrics for the Practitioner, Baltimore, MD. "Understanding Early Stage T1D: Risk, Progression and Emerging Therapies"

National	
2021	SPARK CME Program Faculty Chair, Transition from Pediatric to Adult Care in T1D Patients
2/2026	ADA 2026 Clinical Update Conference, "Screening and Monitoring for Diabetes Related Eye Disease." Invited Speaker, Houston, TX

International	None
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Workshops/Seminars JHMI/Regional

2014	Physiology Seminar: CTRP3 & Human Obesity, Johns Hopkins University School of Medicine, Baltimore MD.
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National	None
International	

2014	Hypothalamic Obesity. European Society for Pediatric Endocrinology Fellows Diabetes/Obesity School, Presenter. Tel Aviv, Israel.
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Mentoring Pre-doctoral Advisees/Mentees

2014	Maeva Nyandjo, [University of Maryland Undergraduate], medical student at Johns Hopkins University School of Medicine Class of 2013; co-authored OR#6
2014-2015	Xiang (Anna) Zeng, [Johns Hopkins undergraduate student], master's student in public health at JHBSPH; Co-authored OR#8
2018-2020	Chrystal Thomas, Research Assistant for SEE AI retinopathy study, currently in medical school; co-authored OR #21, #22, #23

2019- 2021	Alexander Arking, [University of Maryland Undergraduate], JHU PhD candidate; co-authored two original research manuscripts, OR#31, OR#35
2019	Mohika Nagpal, [Johns Hopkins undergraduate student], medical student at University of Michigan; co-authored RA#3
2019	Asal Moini, [Johns Hopkins undergraduate student], Applying to medical school; co-authored OR#24
2019-2020	Rohini Verma, [Johns Hopkins undergraduate student], Applying to medical school; co-authored OR#21, and co-authored poster presentation <i>American Diabetes Association 80th Scientific Sessions 2020</i> .
2019-2022	Tyger Lin, [Johns Hopkins undergraduate student, research coordinator], Attending Yale medical school; co-authored: RA#4, RA#5, OR#33, OR#35
2020-2021	Bernard Pan, [Johns Hopkins undergraduate student], Attending Case Western medical school; Co-authored OR#38, OR#53, OR#55, OR#58, OR#61; <i>co-authored poster at American Diabetes Association 81st Scientific Sessions: K. Dimentstein, S Yee, JM Valenzuela, <u>B Pan</u>, M Snyder, RM Wolf: Psychosocial Impact of COVID-19 on Pediatric Diabetes</i>
2020-2021	Shani Snow, [Johns Hopkins undergraduate student], Applying to medical school; co-authored poster at <i>American Diabetes Association 81st Scientific Sessions: M. Thivierge, <u>S Snow</u>, M Seel, E.A. Brown, Y Akhtar, RM Wolf: Implementation of Nutrition Assessments to Evaluate and Improve Nutrition Knowledge at Initial Follow-up of New-Onset Type 1 Diabetes</i> . Co-authored OR#34
2020-2021	Nicole Illesca, [Johns Hopkins undergraduate student]; co-authored OR#40
2020-2021	Loaah Eltemsah, [Johns Hopkins undergraduate student]; co-authored OR#37
2020-2021	Ann Marie Nolan, [Johns Hopkins undergraduate student], manuscript in preparation
2020-2022	Kai Abiola, [Johns Hopkins undergraduate student], co-authored OR#40
2021-2022	Ajay Ananthkrishnan, [Johns Hopkins undergraduate student], Accepted to medical school; co-authored RA#5
2021-2022	Anastasia Chajewski, [Johns Hopkins post-baccalaureate student]; Co-authored OR#55
2021-2022	Hannah Hardeo, [Johns Hopkins undergraduate student]; Accepted to medical school; Co-authored OR#39
2021-2022	Julia Shpigel, [University of Maryland undergraduate student]; Co-authored OR#52
2021-2022	Fatima Khan, [University of Maryland Baltimore County undergraduate]; Accepted to dental school; Co-authored OR#52
2021-2024	Dhruva Patel, [Johns Hopkins undergraduate student], Accepted to medical school; co-authored RA#5, OR#48, OR#64, OR#65, OR#67, OR#68, OR#69, OR#75
Summer 2022	Aliyah Shehadeh [University of Maryland undergraduate], Mentee through NIDDK Short-Term Research Experience Program to Unlock Potential (STEP-UP)
2022-2024	Claire (Yoo Hee) Kim, [Johns Hopkins undergraduate student], Current research coordinator, co-authored CR#5
Summer 2023	Milana Klopouh, [University of Maryland undergraduate student], co-authored OR#58
2023-2024	Thalia Liu, [Johns Hopkins undergraduate student], co-authored OR#58
2023-2024	Abby Liu, [Johns Hopkins undergraduate student], co-authored OR#58
2023-2024	Alejandro Escobar, [Johns Hopkins undergraduate student], manuscript in progress
2023-2024	Grace Molano, [Johns Hopkins undergraduate student], co-authored OR#64
2023-2024	Tawni Doliveira, [Johns Hopkins undergraduate student], co-authored OR#64
2023-2024	Charles Wu, [Johns Hopkins undergraduate student], co-authored OR#69,75
2024-2025	Dhruv Dubey, [Johns Hopkins undergraduate student], manuscript submitted
2024-2025	Gabriela Lule, [Johns Hopkins undergraduate student], manuscript submitted
2024-2025	Jaydan Ziglar, [Johns Hopkins undergraduate student], co-authored OR#75
2024-2025	Oluwakemi Abiodun, [Johns Hopkins undergraduate student], manuscript in progress
2025-2026	Akash Patel, [Johns Hopkins undergraduate student], manuscript in progress
2025-2026	Brian Kwon, [Johns Hopkins undergraduate student], manuscript in progress
2025-2026	Manasi Vegena, [Johns Hopkins undergraduate student], manuscript in progress
2025-2026	Lorencia Pak, [Johns Hopkins undergraduate student], manuscript in progress

Post-Doctoral Advisees/Mentees

2018-2019	Victoria Huang, [Johns Hopkins medical student, graduated 2019], current Hopkins pediatric resident; co-authored CR#3
2018-2019	Mark Porter, [Hopkins pediatric endocrine fellow], current faculty at Baylor, co-authored OR#16; co-authored <i>poster at Pediatric Academic Societies 2019, and received fellow travel award.</i>
2019	Gina Ferrari, [JHU School of nursing, nurse practitioner student], currently full-time NP in California; co-authored OR#18
2019-2020	Myra Waheed, [Johns Hopkins post-baccalaureate student], applying to medical school; co-authored poster presentation at <i>American Diabetes Association 80th Scientific Sessions 2020</i> , and co-authored OR#33
2020-2021	Radhika Gupta, [Johns Hopkins post-baccalaureate student], attending UPenn Medical School 2020-2021
2021	Sonum Bharill, [Hopkins pediatric endocrine fellow], now faculty at Johns Hopkins. Co-authored: OR#26, OR#35, OR#36; co-authored <i>poster at Pediatric Endocrine Society Meeting 2021, and received Presidential Poster Award.</i>
Summer 2022	Alexander Phu, [MD/MBA candidate at Kansas City University College of Osteopathic Medicine], Mentee through NIDDK Summer Program in Obesity, Diabetes & Nutrition (SPORT), <i>First author OR#56</i>
2022-2024	Joseph Heinemann, MD [Hopkins pediatric endocrine fellow], current faculty at Sinai Hospital.
2022-2024	Saleel Fatima, [Hopkins pediatric endocrine fellow], in practice. <i>First author OR#63</i>
2023-2024	Hannah Williams, [Johns Hopkins post-bac student], current medical student, manuscript in progress
2023-2024	Jillian Heckman, [Hopkins pediatric resident], Johns Hopkins pediatric endocrine fellow.
2022-2025	Ilias Doulamis, [Hopkins surgery resident], now resident at Lahee Clinic, MA. <i>First author OR#61</i>
2023-2025	Noor Ahmed, [Hopkins PhD candidate], <i>First author OR#60</i>
2024-2025	Michal Timkovski [Tel Aviv University medical student]; <i>presented poster at the American Diabetes Association 85th Scientific Sessions, Chicago IL, 2025. First author OR#68</i>
2024-present	Karen Dimentstein [Johns Hopkins pediatric diabetes psychology fellow]; primary mentor to inaugural fellow, funded by grant from Breakthrough T1D. <i>First author OR#53</i>
2025-present	Mahad Mohammad [JHU medical student]
2026-present	Hope Zamora [JHU medical student]

ORGANIZATIONAL ACTIVITIES

Institutional Administrative Appointments

2015-2016	Member, Broward Health GME Committee, Research Curriculum Development
2015-2017	Member, Broward Health Pediatric Resident Research Mentorship Committee
2017- present	Director/Lead/Member, Johns Hopkins Pediatric Diabetes Center, Diabetes Leadership Team
2026-present	Member, Search Committee for Director of Pediatric Allergy, Immunology and Rheumatology

Editorial Activities

Editorial Board appointments

None

Journal peer review activities

Ad hoc reviewer for:

2025 – present	NEJM
2021 – present	Diabetes Care
2022 – present	Journal of Diabetes Science and Technology
2021 – present	JAMA Ophthalmology
2021 - present	JAMA Network Open
2019 – present	Journal of Clinical Endocrinology and Metabolism
2020	Pediatric Diabetes
2018	Journal of International Obesity
2017	Journal of Experimental Biology and Medicine

2016 Journal of Physiology and Pharmacology
 2016 PeerJ
 2015 Journal of Clinical Lipidology

Advisory Committees/Review Groups/Study Sections

2018-present Johns Hopkins Children's Center Innovation Review Committee, Lead for Clinical grant reviews (review up to 33 grants annually, and lead the committee)
 2020 NIH Early Career Reviewer, Integrative Physiology of Obesity and Diabetes (IPOD) Study Section
 2020-2022 Diabetic Retinopathy National Working Group, JDRF Restoring Vision Moonshot Program
 2021-present Board of Directors, Diversity & Inclusion Committee Member, Juvenile Diabetes Research Foundation MidAtlantic Chapter, Breakthrough T1D (formerly JDRF)
 2024 NIH Reviewer, Special Emphasis Panel: Health Information Technology
 2024 American Diabetes Association Reviewer: Youth Onset Type 2 Diabetes Grant Review Committee
 2024 NIH/NIDDK Reviewer, Special Emphasis Panel: SGLT2 in Type 1 diabetes, Oct 2024
 2025 NIH/NIDDK Reviewer, Topics in Clinical Diabetes Care, Sep 2025
 2026 NIH Reviewer, Kidney Endocrine and Digestive Disorders Study Section, April 2026

Professional Societies

2008-present Alpha Omega Alpha
 2008- 2017 American Academy of Pediatrics
 2015-present American Diabetes Association,
 2018-present Camp Medical Leadership Committee
 2020-2021 Youth Strategies Committee
 2021-present Eye Health Committee, Early Career Representative, Advisor, President-Elect
 2024-present WIN ADA Advisory Committee Member
 2013- present Pediatric Endocrine Society, Diabetes Interest Group Member
 2013- present Endocrine Society

National Working Group

2020- 2022 JDRF Moonshot Project – Diabetic retinal neurodegeneration workgroup member (Invited as one of 49 experts from 12 countries worldwide)
 2023-present Pediatric Endocrine Society T1D Interest Group

International Working Group

2025-present International Society for Pediatric and Adolescent Diabetes (ISPAD) Clinical Practice Consensus Guidelines on Diabetes-Related Complications (invited member and writer)

Conference Organizer

JHMI/Regional

2018-present Founder, Organizer, Diabetes Transition/Off to College Event, Johns Hopkins Pediatric Diabetes Center, Baltimore MD. Speaker series and panel discussion hosted annually for families and teens preparing for transition to college and/or adult diabetes care.
 2023-present Co-Founder, Organizer; Workgroup on AI and Healthcare, Hopkins Business of Health Initiative (HBHI). Monthly workgroup and speaker series on topics related to AI and Healthcare
 Sept 2025 Johns Hopkins -Breakthrough T1D Research Symposium, Baltimore, MD, *Organizer and Speaker*
 6/4/2026 HBHI Workgroup on AI and Healthcare Convening, *Organizer* with Dr. Tinglong Dai
 6/9-10/26 Johns Hopkins University- Philips Healthcare Executive Program, "AI Upskilling for Hospital Patient Monitoring," June 2026
 6/11/2026 Learning Health System Symposium, Johns Hopkins Medicine, June 2026, *Organizer* with Dr. Jodi Segal

National

2020 Member, TypeOneNation Summit Steering Committee, Breakthrough T1D, Bethesda, MD
2023-2024 Organizer and Speaker, AI for Health Equity Series, Washington D.C., Oct 2023, Dec 2023, Feb 2024, April 2024, Funded by Johns Hopkins Nexus Award.

International None

Session Chair

None

Consultantships

2020 - 2022 NEMA Research; Consulted on protocol development for a pediatric obesity trial
2021 – present Uneo; Medical advisory panel for adolescent wellness app development
2024 – present Sanofi; consultant to advisory board
2026 – present Mannkind; consultant to advisory board

RECOGNITION

Awards/Honors

1999 Cadet Scholarship, New Jersey First Aid Council
2000-2003 Distinguished Tutor Award, University of Pennsylvania
2004 Geriatrics Research Scholar Grantee, RPS/Hartford/AFAR
2006-2007 Livia Blum Research Fellowship Recipient, Mount Sinai School of Medicine
2008 Alpha Omega Alpha, Nominated member, Mount Sinai School of Medicine
2008 Distinction in Research Medical Graduate, Mount Sinai School of Medicine
2008 Bela Schick Pediatric Society Prize for Excellence in Pediatrics, Mount Sinai School of Medicine
2008 Dr. Milton C Engel Prize in Geriatric Medicine, Mount Sinai School of Medicine
2014-2015 Research Fellowship Award, Pediatric Endocrine Society
2014-2015 Special Projects Award, Johns Hopkins Children's Center
2014-2016 Endocrine Scholars Award, The Endocrine Society
2017 Distinguished Clinician Award, Broward Health
2019-2021 NIH Loan Repayment Program
2020-2024 Baltimore's Top Doctors, 2020, 2021, 2022, 2024
2026 JHM Clinical Awards for Physicians and Care Teams: Clinical Collaboration and Teamwork, Awarded to Dr. Risa Wolf and the Camp Charm City Diabetes Team

Invited Talks

JHMI/Regional

2012 "Pediatric Hypoglycemia", Barton Child Case Conference: Johns Hopkins University School of Medicine, Baltimore MD.
2012 "Adrenal Insufficiency", Barton Child Case Conference: Johns Hopkins University School of Medicine, Baltimore MD.
2013 "Evaluation of Hyponatremia in Pediatrics", Barton Child Case Conference: Johns Hopkins University School of Medicine, Baltimore MD.
2016 "Recent Advances in Pediatric Diabetes Care", Pediatric Grand Rounds: Broward Health Medical Center, Fort Lauderdale, FL, and Broward Health Coral Springs.
4/17 "Pediatric Thyroid Disease," Pediatric Grand Rounds: Broward Health Medical Center, Fort Lauderdale, FL.
3/18 "Endocrine function of the gut microbiome and putative interaction with HPA axis." Johns Hopkins All Children's Hospital Brain-Gut Research Program Symposium and Retreat. St Petersburg, FL.
5/19 "The Role of Adipokines in the Resolution of Diabetes after Bariatric Surgery." Reading Hospital

	Bariatric Center, Reading PA.
1/20	"Implementation of POC diabetic retinopathy screening in pediatrics using AI." Pediatric Digital Health and Technology Research, Johns Hopkins Children's Center, St. Petersburg, FL
5/1/20	"Cost-Savings of point of care diabetic retinopathy screening in pediatrics," Grand Rounds, Johns Hopkins School of Medicine Division of Health Science Informatics. Baltimore, MD
10/16/20	"Implementation of POC diabetic retinopathy screening in pediatrics using AI." Johns Hopkins All Children's Hospital 9 th Annual Research Symposium, St Petersburg, FL.
6/25/21	"Implementation of AI Based POC Diabetic Retinopathy Screening," University of Virginia Machine Learning and Artificial Intelligence in Medicine Interest group. [Virtual Meeting]
9/14/21	"AI and Healthcare Delivery: Pediatric Diabetic Retinopathy Screening and Diagnosis," Data Science: Artificial Intelligence Course at the Johns Hopkins Carey Business School; Baltimore MD.
9/15/21	"Implementation, Efficacy and Cost-Savings of POC diabetic retinopathy screening using AI in pediatric diabetes." Johns Hopkins Endocrine Grand Rounds, Baltimore, MD.
11/6/21	"Pediatric Type 2 diabetes," Tower Health Diabetes Virtual Conference, Reading, PA [Typically in person conference, but held virtually due to COVID]
4/21/22	"Artificial Intelligence Algorithms in the Real World" University of Virginia Data Science Medicine Interest group. [Virtual Meeting].
9/20/22	"Can AI make healthcare more equitable?" Data Science: Artificial Intelligence Course at the Johns Hopkins Carey Business School; Baltimore MD.
2/02/23	"Incorporating AI into Day-to-Day Clinical Workflow: Impact of AI on Healthcare Operations, Physician Behavior, and Quality of Care." Hopkins Business of Health Initiative (HBHI) Retreat
2/03/23	"Artificial Intelligence Algorithms in the Real World" University of Virginia Data Science Medicine Interest group. [Virtual Meeting].
4/17/23	Inequities in Advanced Diabetes Technology Use across the lifespan in Type 1 Diabetes: QI & Research Solutions. Johns Hopkins Hospital Endocrine Grand Rounds, Baltimore MD
9/7/23	"What I wish I knew then that I know now." The 7 th Annual Diagnostic Excellence Summit, Baltimore, MD
10/2/23	"Using AI Technology to Reduce Disparities in Pediatric Diabetes." Johns Hopkins Children's Center Grand Rounds, Baltimore, MD
10/5/23	"Can AI make healthcare more equitable?" Data Science: Artificial Intelligence Course at the Johns Hopkins Carey Business School; Baltimore MD.
10/12/23	"Revolutionizing Diabetic Retinopathy Care: The Role of AI in High-Value Healthcare." The 6 th Annual Architecture of High Value Care National Conference, Baltimore, MD
10/27/23	"Youth Onset Type 2 Diabetes: Risk, Management and Complications." Johns Hopkins All Children's Hospital 12 th Annual Research Symposium, St Petersburg, FL.
05/21/24	"Panel discussion on AI." John Hopkins Center for Ethics, Law, Policy and the Life Sciences (CELLS) Launch Conference, Washington DC.
9/26/24	"Can AI make healthcare more equitable?" Data Science: Artificial Intelligence Course at the Johns Hopkins Carey Business School; Baltimore MD. Guest speaker during course
1/10/25	"Understanding Early-Stage Type 1 Diabetes: Risk, Progression, and Emerging Therapies." Mercy Hospital Pediatric Grand Rounds, Baltimore, MD.
05/8/25	"Clinical Use of AI." Cheung Kong Graduate School of Business (CKGSB)-JHU Carey Unicorn Program on AI in Health Care. <i>Invited Speaker</i> , presented to a cohort of C-suite executives from East and Southeast Asia looking to implement AI-drive strategies. Baltimore, MD, Washington, DC.
05/8/25	"Role of Adipokines in the Resolution of Diabetes after Bariatric Surgery." <i>Invited speaker</i> to the Annual Johns Hopkins Clinical Research Network meeting
11/3/25	"Integrating AI into Pediatric Care: From Innovation to Implementation in Diabetic Retinopathy Screening." Johns Hopkins Children's Center Grand Rounds, Baltimore, MD
3/4/26	"AI Screening for Diabetic Retinopathy in Children." Eye on AI: Global Advances in Medical AI Conference. Carey School of Business
3/6/26	Invited Panelist "Human and Machine Synergy: The Next Frontier of Health Care Delivery" Johns

National

3/19	Invited panelist, pediatric endocrinologist perspective on “Teen panel.” Juvenile Diabetes Research Foundation TypeOneNation Education Summit, Bethesda, MD.
3/7/20	Invited panelist, pediatric endocrinologist perspective on “Tween panel.” Juvenile Diabetes Research Foundation TypeOneNation Education Summit, Bethesda, MD.
5/15/20	“Implementation, Efficacy and Cost-Savings of POC diabetic retinopathy screening using AI in pediatric diabetes.” Visiting Professorship, Children’s National Medical Center, Washington, DC.
10/9/20	“Implementation, Efficacy and Cost-Savings of POC diabetic retinopathy screening using AI in pediatric diabetes.” Endocrine Grand Rounds, Cincinnati Children’s Hospital, Cincinnati, OH.
10/23/20	“Racial/Ethnic Disparities in Diabetes Camps,” American Diabetes Association, Diabetes Camp Medical Leadership Conference, Arlington VA [Typically in person conference, but held virtually due to COVID]
1/29/21	“Johns Hopkins Pediatric Diabetes Experience: COVID-19 & Beyond,” Type 1 Diabetes Exchange National COVID Research Consortium meeting [Virtual Meeting].
4/21/21	“Racial/Ethnic Disparities in Youth attending Diabetes Camp,” Pediatric Endocrine Nursing Society 2021 National Conference, [Typically in person conference, but held virtually due to COVID]
4/24/21	“Teens and T1D: Celebrating Successes and Overcoming Challenges.” JDRF Virtual Educational Summit 2021, [Typically in person conference, but held virtually due to COVID]
11/10/21	“Recruitment and Retention Strategies for Clinical Trials,” DINAMO Study Investigator National Meeting, [Virtual Meeting]
3/10/22	“Using AI Technology to Improve Access and Reduce Health Disparities for Underserved Populations: A Case Study in Pediatric Diabetes,” University of Florida, Pediatric Grand Rounds, Gainesville, FL.
5/11/22	“Novel Diabetes therapies and diabetic retinopathy,” Association for Research in Vision and Ophthalmology (ARVO) 2022 Annual Meeting, [Hybrid meeting]
6/4/22	“How to implement artificial intelligence in clinical practice and workflow,” American Diabetes Association 82 nd Sessions, New Orleans, LA, June 2022. <i>Invited Speaker</i>
9/29/22	“Using AI Technology to Improve Access and Reduce Health Disparities for Diabetic Retinopathy,” Endocrine Grand Rounds, University of Wisconsin Madison, September 2022
6/26/23	Symposium – Doc, Is my GLP-1 Making My Sight Worse? New Considerations in Management of Diabetic Retinopathy, American Diabetes Association 83 rd Scientific Sessions, San Diego, CA. <i>Invited Speaker</i>
11/14/23	“Pediatric Diabetic Retinopathy.” Mary Tyler Moore Vision Workshop, Ann Arbor, MI. <i>Invited Speaker</i>
2/4/24	Developing and Implementing a Day Camp for Youth from Diverse Racial and Cultural Communities, DECA, New Orleans, LA. <i>Invited Speaker</i>
4/18/24	“Increasing Uptake of CGM in diabetes.” T1D Exchange Consortium, April Collaborative Call, Zoom
6/25/24	“New Insights into Pathophysiology and Screening of Early Microvascular Complications in Youth-Onset Type 2 Diabetes.” American Diabetes Association 84 th Scientific Sessions, Orlando, FL. <i>Invited Speaker</i>
11/11/24	“Implementation of the ASQ suicide risk screening in routine pediatric diabetes care.” T1D Exchange QI Consortium Learning Sessions, Chicago, IL.
1/24/25	“Expanding AI for Diabetic Retinopathy Screening in Youth.” Collaborative Community on Ophthalmic Innovation Foundation 2025 Virtual Conference. <i>Invited speaker</i>
5/15/25	“Johns Hopkins Early Stage Type 1 Diabetes Program.” Pediatric Endocrine Society Meeting 2025, Diabetes Interest Group Session, National Harbor, DC. <i>Invited speaker and panelist</i>
6/22/25	“AI-Enabled Diabetic Retinopathy Screening Programs in Pediatrics.” American Diabetes Association 85 th Scientific Sessions, Chicago, IL. <i>Invited Speaker</i>
10/28/25	“Applying AI to Pediatric Diabetes Care”, Diabetes Technology Society Diabetes

11/11/25	Technology Meeting, Burlingame, CA. <i>Invited Speaker</i> “BPA-Tech: Johns Hopkins Diabetes Centers Best Practice Advisory (BPA) Project to Improve Equity in Diabetes Technology Use. Atlanta, GA. Co-presenter with Dr. Nes Mathioudakis
1/23/26	“Reducing hospital readmissions in youth with high risk of diabetic ketoacidosis” Cleveland Clinic Pediatric Endocrine Meeting. <i>Invited Speaker</i> . Presented on zoom
2/3/26	“Implementation of AI for Diabetic Retinopathy Screening in Pediatrics.” Children’s Hospital at Montefiore, NY. <i>Invited Speaker</i> . Presented on zoom
2/24/26	Session Moderator; Responsible AI for Health Symposium (RAIHS) at HBC, Washington, DC.
7/23/26	“Updates in Management and risk of complications in youth with diabetes.” NASEM: The National Academies of Sciences, Engineering, and Medicine. <i>Invited Speaker</i> . Presented on zoom

International

12/17	“Normal Childhood Growth and Development,” Health QingPu-2017 chronic disease and public health symposium. Shanghai, China
12/17	“Recent Advances in Pediatric Diabetes Care.” Health QingPu-2017 chronic disease and public health symposium. Shanghai, China
6/4/22	“Implementing and Validating Autonomous AI in Healthcare practice.” 2022 Canadian Healthcare Optimization Workshop (CHOW) [Hybrid meeting, presented virtually] Vancouver, Canada, June 2022. Joint presentation with Tinglong Dai
10/16/24	“Update on prevalence and long-term microvascular and macrovascular complications in Type 1 Diabetes” 2024 International Society of Pediatric and Adolescent Diabetes (ISPAD), Lisbon, Portugal. <i>Invited Plenary</i>
12/11/24	“Increasing AI utilization in healthcare by bridging research to clinical practice: AI for diabetic retinopathy screening in youth.” SPR/AMSPDC Webinar Series on Research Opportunities for OR/MS Scholars. McGill University, Montreal, Canada. <i>Invited Speaker</i> .
3/12/26	“Autonomous AI mitigates disparities in diabetic retinopathy screening in youth: the ACCESS2 study.” 19 th International Conference on Advanced Technologies and Treatments for Diabetes (ATTD) 2026, Barcelona, Spain.

OTHER PROFESSIONAL ACCOMPLISHMENTS

Community Service

2006	Medical Students Making Impact (MSMI) Surgical Mission to Honduras
2004-2008	East Harlem Health Outreach Program (EHHOP), Student-Run Medical Clinic, Lead Senior
2010-2011	Department of Injury Prevention, Philadelphia DOH, Carbon Monoxide Awareness Initiative
2011	Camp Setebaid Diabetes Camp, Pennsylvania, Medical Staff
2016, 2017	Camp Coral Kids Diabetes Camp, Coral Springs, Florida, Co-Medical Director
2018, 2019	Diabetes Destiny Adventure Camp, Maryland; Medical Director (<i>Invited director</i>)
2019- present	Camp Charm City diabetes camp, Baltimore, Maryland, est July 2019; Founder & Medical Director
2019- 2023	University of Pennsylvania Alumni Network interviewer
2021-present	Breakthrough T1D (formerly JDRF), MidAtlantic Chapter, Member, Board of Directors, Diversity & Inclusion Committee Member (<i>Nominated to the Board of Directors, a 4-year commitment, with a second term</i>)
2026	Camp Doctor, Camp Neshar, Poconos, PA