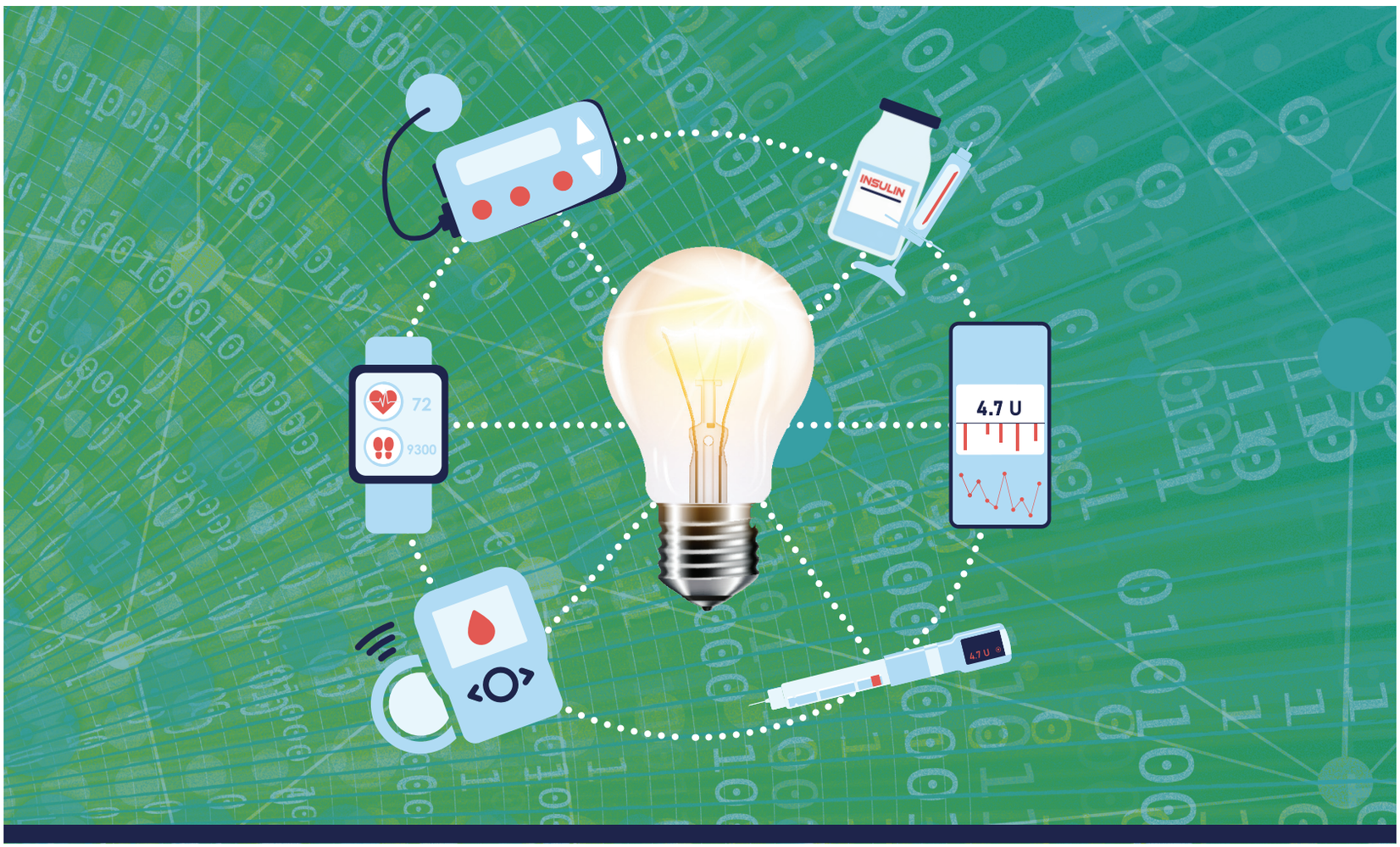
d-data exChange
DIABETESMINE™ INNOVATION PROJECT

The DiabetesMine™ Innovation Summit
A Patient-Led Forum to Improve Tools & Care

THE FALL 2024 DIABETESMINE INNOVATION DAYS

NOV 7 & 8 • SAN DIEGO, CA

in collaboration with: Joan & Irwin Jacobs Center for Health Innovation AT UC SAN DIEGO HEALTH



MADE POSSIBLE BY:

Dexcom® Lilly DIABETES omnipod embecta™ mannkind

SUMMIT AGENDA
Thursday, Nov. 7

8:15 am	Breakfast
8:45	Welcoming Remarks Amy Tenderich, DiabetesMine
9:00	2024 Featured Patient Voices (Video)
9:05	Karandeep Singh, Chief Health AI Officer, UC San Diego Health
9:35	Hot Topics: Today's Biggest Challenges in Diabetes Care Featuring Dr. Bob Gabbay, formerly of ADA
10:40	Networking Break
11:10	GROUP SESSION: Diabetes and Pregnancy: Technology, Access and Best Practices
12:15 pm	Bright Spots & Landmines for Diabetes Tech and Mental Health Adam Brown, therapist, advocate, diabetes tech expert
1:00	LUNCH
2:00	T1D Financial Toolkits: Innovating for Access
2:30	What to Expect from New Once-Weekly Insulins
3:00	Abvance Therapuetics: Coformulating Insulin + Glucagon: Why and How?
3:30	Stretch Break
3:45	WORKSHOP: The Next Wave of Patient Engagement – From Theory to Practice
5:45	Closing Remarks
5:50	NETWORKING MIXER

EVENT HOST

AMY TENDERICH, DIABETESMINE

Amy is a journalist / blogger and nationally known patient advocate who hosts her own series of thought leadership events (the annual DiabetesMine Innovation Summit and biannual DiabetesMine D-Data ExChange) that bring patient entrepreneurs together with the medical establishment to accelerate change.

Amy was Founder and Editor-in-Chief of DiabetesMine.com, a leading online information destination for people with diabetes that she launched after her diagnosis with Type 1 diabetes in 2003. From 2015-2022, DiabetesMine was part of San Francisco-based Healthline Media, where Amy also served as Editorial Director, Diabetes & Patient Advocacy.

Amy was one of the early pioneers in the Diabetes Online Community (DOC), and has conducted numerous patient community research projects that have appeared in peer-reviewed journals, including the Journal of Diabetes Science and Technology. She serves as an advisor to the RACES (Association of Diabetes Care and Education Specialists) in their Technology Workgroup Committee. In 2022, Amy was invited to be a judge for the Diabetes Center Berne's Open Innovation Challenge. She recently co-hosted the Diabetes TechUp podcast sponsored by Novo Nordisk.

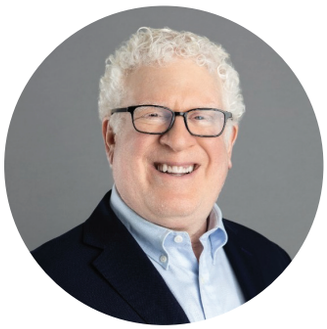
Amy holds an MA in Communication Studies from UC Santa Barbara. She is a well-known public speaker at national diabetes, healthcare and health technology events. When not working, she enjoys hiking, cooking, yoga, and just about anything fun done under California sunshine.

FEATURED SPEAKERS

DR. KARANDEEP SINGH, UC SAN DIEGO HEALTH

Karandeep Singh was appointed the inaugural Chief Health AI Officer at UC San Diego Health and the Joan and Irwin Jacobs Endowed Chair in Digital Health Innovation in December 2023. He teaches a health data science course to graduate and doctoral students and provides clinical care for people with kidney disease.

Before this appointment, he was an assistant professor at the University of Michigan, where he directed the Machine Learning for Learning Health Systems (ML4LHS) Lab. Singh's work in machine learning and digital health has been published in leading journals, including the New England Journal of Medicine, Lancet, British Medical Journal, Nature Machine Intelligence, Health Affairs, Clinical Journal of the American Society of Nephrology, Ophthalmology, Radiology and European Urology.



DR. ROBERT GABBAY

Dr. Gabbay is Associate Professor at Harvard Medical School and the Joslin Diabetes Cetner and former Chief Scientific and Medical Officer of the American Diabetes Association (ADA). Throughout his vibrant career he has had many accomplishments as a basic science researcher, developer of patient communication tools, creator of the first broad scale diabetes registry, designer of care management training programs, digital health innovations, and leader of one of the largest primary care transformation efforts in the US around the Patient Centered Medical Home.

The reach of his work has been recognized through leadership roles in national and international arenas. Dr. Gabbay has served as visiting professor, keynote speaker, and on organizing committees for global meetings of the ADA, International Diabetes Federation, Endocrine Society, and the Diabetes Technology Society. Along with an extensive peer reviewed publication record, he has appeared in and is frequently quoted by the popular press including the New York Times, CNN, the Washington Post, and NPR.

At the ADA, Dr. Gabbay has led many transformational initiatives including guiding the ADA to a deeper focus on primary care through the establishment of the Primary Care Council (comprised of leading primary care organizations in the US) and the ADA Primary Care Alliance of over 2000 primary care practices committed to transform diabetes care to the reinvigoration of the Standards of Care, the expansion of the Diabetes Prevention Program (DPP) through a multi-year $12.5 million CDC initiative, the launch of the Institute of Learning (IOL), establishment of the Leapfrog initiative to recognize quality care hospital systems for people with diabetes, and leading the association with innovation at the ADA Scientific Sessions and with the ADA's Innovation Challenge.

DR. KATHRYN EVANS KREIDER, DUKE UNIVERSITY

Dr. Evans Kreider is a Clinical Professor at Duke University School of Nursing (DUSON). She is the founder and director of the Endocrinology Specialty at DUSON, the first training program of its kind in the United States for nurse practitioners. She is a board-certified family nurse practitioner and practices in Duke University Medical Center's Division of Endocrinology, Metabolism and Nutrition in adult endocrinology. As a member of the Duke Diabetes Research Clinic, she served as an investigator in various diabetes and hypertension clinical trials.

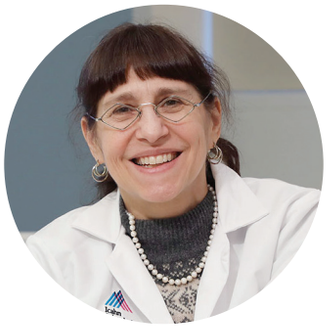
She was appointed to the Professional Practice Committee (2018-2020) for the American Diabetes Association, the multidisciplinary group that writes the internationally renowned Standards of Medical Care in Diabetes. She has been awarded several national awards including the American Association of Nurse Practitioners clinical practice excellence award for the state of North Carolina and the Endocrine Nurses Society Betsy Love McClung Development Award for excellence in endocrine nursing and leadership. Thus far, she has 47 manuscripts and book chapters in topics of diabetes, endocrinology, and nurse practitioner education. She is a nationally recognized speaker and leader in diabetes, endocrinology, and nurse practitioner education.

ALICIA WARNOCK, STABILITY HEALTH

Dr. Warnock serves as Chief Operating Officer of Stability Health, an innovative startup company delivering improved outcomes and lower healthcare costs for patients with complex diabetes.

She is the former director of the Diabetes Institute at Walter Reed National Military Medical Center, where she supervised nurse practitioners throughout the National Capital Region, advancing medical knowledge by leading advanced academic conferences, and promoting research with clinical trial involvement.

Previously, she served as the Deputy Service Chief of Walter Reed Bethesda Endocrinology service and also held several leadership appointments such as the Inpatient Glucose Management Committee, the Nutritional Support Committee, the Chronic Disease Management HEDIS Advisory Board, the Tri-Service National Capital Region Transgender Review Board, and the Internal Medicine Residency Competency Committee specialist representative.



CAROL LEVY, MOUNT SINAI DIABETES CENTER

Carol Levy is a board-certified Endocrinologist and Certified Diabetes Educator. She is Director of the Mount Sinai Diabetes Center and Type 1 Diabetes Clinical Research. She is an expert in Type 1 diabetes and diabetes in pregnancy as well as general endocrinology. She has over 20 years experience as a clinical expert in Type 1 diabetes and leads a clinical team of physicians, nurse practitioners and diabetes educators.

She mentors and trains numerous faculty and fellows. Her clinical and research interests include technology use for diabetes management and the care of at-risk populations of people with diabetes including pregnant women and the elderly. She leads her research team evaluating many artificial pancreas, decision support and glucose sensor studies. Her goal in both clinical care and in research is to improve the lives of people with diabetes.

KRISTIN CASTORINO, SANSUM DIABETES CENTER

Dr. Castorino is the Vice President of Clinical Research and Senior Investigator at Sansum Diabetes Research Institute with over 15 years of experience in diabetes research and clinical application of new technologies and therapeutics. Mentored by diabetes and pregnancy pioneer Dr. Lois Jovanovic, Dr. Castorino has contributed to a multitude of research projects.

Dr. Castorino's primary research interests include diabetes and pregnancy, diabetes technology and artificial pancreas research. She was an investigator for the CONCEPTt study, the LOIS-P Study, as well as Automated Insulin Delivery in Pregnant Patients with Type 1 Diabetes with Extension Into Outpatient at Home.

JOYCELYN ASHBY CORNTHWAITE, UTHEALTH HOUSTON

Joyceyln is Manager of the Diabetes Education & Accreditation Program (DEAP) and Nutrition Care Services at UT Physicians Women's Centers, McGovern Medical School, UTHealth. She oversees nutrition and diabetes programming, enhances clinical care, and supports research in diabetes and women's health, with a particular focus on integrating technology to improve care for women living with diabetes throughout their pregnancy journey.

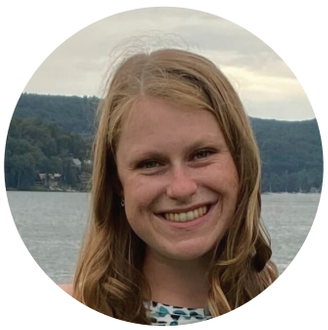
Joycelyn holds a bachelor's degree in Kinesiology from Rice University, a master's in Clinical Nutrition from Florida State University, and an MBA from Yale University. A passionate advocate for the role of Registered Dietitians (RDs) in healthcare, she highlights the importance of technology in supporting clinical care for pregnant women, especially in diabetes management.

Actively engaged in diabetes care and telemedicine, Joycelyn serves on the Telemedicine Committee for UTHealth and the Executive Leadership Board for the Central South Texas chapter of the American Diabetes Association. She was honored as the ADCES Texas Diabetes Education Specialist of the Year in 2019.

ADAM BROWN, THERAPIST, PWD, AUTHOR

Adam has lived with Type 1 diabetes for over 20 years. He is a therapist in private practice in San Francisco, supporting people with diabetes, anxiety, eating disorders, trauma, stress, burnout, and other difficult life experiences.

Adam served as Head of Diabetes Technology & Digital Health at Close Concerns and Senior Editor/Columnist at diaTribe.org through 2019. Adam is the author of Bright Spots & Landmines: The Diabetes Guide I Wish Someone Had Handed Me; to date, over 300,000 copies have been sold/downloaded, with access at the center of the book's mission. Adam has also brought a patient perspective to many high-profile public venues, including FDA and NIH meetings, ADA, AADE, Diabetes Canada, Friends for Life, and beyond.



MARY JANE ROCHE, DIABETES LINK

Mary Jane Roche is currently the Program Manager, Education at The Diabetes Link, a national nonprofit organization that specializes in helping teens and young adults navigate their diabetes among an ever-changing and fast-paced world. After being diagnosed with T1D during her senior year of college, she found a passion for connecting with individuals affected with diabetes. This led her to pursue community health education by earning her MS Health & Wellness Management after finishing her BA in Psychology.

In her current role, Mary Jane leads the development of educational materials on the Resource Hub, The Link's online learning platform. Resource creation is driven by research in the field, expert input, and lived experience of young adults with diabetes in order to deliver maximum impact. Based out of New Hampshire, Mary Jane enjoys playing volleyball, painting, going to concerts, and traveling.

DR. ROBERT THOMAS, UC SAN DIEGO

Dr. Robert Thomas is an academic endocrinologist and clinical investigator at the University of California, San Diego. He received his MD and completed Internal Medicine Residency at UCSD. During graduate school, he completed a PhD with Dr. Asa Gustafsson with a specialization in Anthropogeny through CARTA. The coursework and fieldwork he completed with CARTA continue to guide his research today. Mitochondrial DNA helped unlock human origins, and Dr. Thomas is currently investigating the role of mitochondrial DNA in diabetes.

After training, he spent a year as Chief Resident in Internal Medicine and then completed an Endocrinology Fellowship at UCSD. Dr. Thomas currently serves as a clinical endocrinologist at the Jennifer Moreno VA Medical Center and investigator in hypoglycemia prevention at the Altman Clinical and Translational Research Institute.

Dr. Thomas is a past recipient of the UCSD Leland S. Rickman Teaching Award and Arnold P. Gold Humanism in Medicine Resident Award. He is always happy for opportunities to discuss medicine, metabolism, and mitochondrial function. Outside of work, he enjoys cycling, swimming, and gardening.

STEVE DALY, ABVANCE THERAPEUTICS

Steve serves as Chief Operating Officer at Abvance Therapuetics. He has more than 30 years of experience in commercialization and product development, including 18 years in diabetes and metabolism. He has held executive and commercial leadership positions at companies working in the diabetes space including Modular Medical, Adocia, Halozyme, and Amylin Pharmaceuticals. Steve holds a Bachelor of Science degree in Business Administration from Northeastern University with MBA studies at the University of Florida.

LINXI MYTKOLLI, DIABETES ACTION CANADA

Linxi Mytkolli serves as Director of Patient Engagement and Knowledge Mobilization at Diabetes Action Canada, where she drives initiatives focused on amplifying patient voices in healthcare research and policy. With over a decade of experience, Linxi has supported more than $25 million in research funding for projects that integrate patient perspectives, particularly in diabetes and health equity. She played a key role in the development of Canada's first National Framework for Diabetes, engaging over 1,000 stakeholders to shape a more inclusive, patient-centered healthcare system.

Prior to joining Diabetes Action Canada, Linxi was a Senior Program Manager at the Mental Health Commission of Canada, where she led a national suicide prevention and life promotion program, centering the wisdom of those with lived experience. She has also worked on national programs in urban research, youth well-being, and sustainability in healthcare.

Linxi's passion for advocacy extends beyond her professional work. She was selected as Canada's Youth Health Delegate to the G20 in 2023 and is one of the 1% globally invited to be a One Young World Scholar, in patient engagement. She frequently speaks at international forums, including Diabetes Canada and dedoc events, advocating for inclusive healthcare policies and patient-centered innovations.

FEATURED ARTIST

ALEX DURUSSEL-BAKER, DIABETES BY DESIGN

Alex Durussel-Baker is a Swiss & British designer living in Edinburgh, Scotland. Diagnosed with Type 1 diabetes at 30 and struggling to cope with the mental strain of a widely misunderstood condition, she created dozens of diabetes-inspired posters & essays to entice people into learning about Type 1 diabetes. The project helped her make sense of her newfound condition and rebuild bridges with family and friends. Her Diabetes By Design prints are hanging in clinics across the world from London to Bermuda and are regularly exhibited to raise awareness and address the stigma surrounding Type 1 Diabetes.

More recently, Alex and a team of diabetes specialists have been developing the Companion Cards: a toolkit to help navigate the highs and lows of living with T1D. Written in plain English with engaging illustrations and grounded in medical truth, the toolkit aims to inform, inspire, and ignite new conversations around this often misunderstood condition.

You will be among the first to discover the Companion Cards at the Fall 2024 DiabetesMine Innovation Days in San Diego!

PATIENT VOICES DELEGATES

BASMA ADAMS

Basma has been living with type 1 diabetes for over 20 years, and has turned her personal journey into a passionate mission. As a pediatric diabetes nurse and educator, she strives to empower and uplift the diabetes community every day.

She has traveled across the U.S. as a public speaker and advocate, participating in diabetes camps, state and federal initiatives, and attending galas that inspire her to keep advocating for change. She loves hosting meet-ups within the DOC to connect with others, and she even launched her own podcast to dive deep into the challenges and triumphs of living with diabetes.

On social media, she creates engaging content that demystifies diabetes and fosters connection among warriors. She shares tips, personal stories, and resources, all while building a supportive community where we can learn and grow together. By sharing knowledge and inspiration, Basma works towards bridging the gap between personal experience and professional expertise. Her goal is to raise awareness and spark joy, helping to uplift every voice in the diabetes community to be heard and valued.

CHELSEA HOBSON

Chelsea was diagnosed with T1D 22 years ago in the month of November. She has made it her mission to turn her trial into triumph by obtaining a BSN from Abilene Christian University. She has had the pleasure of working as an RN with specialities in oncology, bone marrow transplant, and children's trauma for 4 years.

As a T1D herself, she recognized the need for better education for children dealing with diabetes. This insight inspired her to write her debut children's book, "Dancing with Diabetes," with which she hopes to inspire self-acceptance and empowerment among diabetic children. Chelsea enjoys spending her free time with family or embarking on thrilling adventures, such as hiking and skydiving. She also loves her Shih Tzu, Dior, who accompanies her in her daily ventures.

SABELLA LARKIN

Sabella is a visionary advocate for an integrative and holistic approach to healthcare reform, health equity, and diabetes management. She is known for her empathetic leadership and believes in diplomatically challenging the status quo to drive meaningful change. As a global advocate for the #dedoc° Diabetes Online Community, she amplifies the voices of people living with diabetes worldwide.

Through her career experience at Dexcom and personal diabetes management with the DIY Loop System, she has developed a deep understanding of technological innovation and diabetes care.

Diagnosed in her early adolescent years, Sabella finds heartfelt compassion in advocating and providing mentorship for families and children living with type 1 diabetes.

Sabella has collaborated with industry leaders, such as the American Diabetes Association and Taking Control of Your Diabetes to provide Yoga and Meditation at Scientific Conferences, Events, and Retreats.

MELINDA MERRY

Melinda Merry's passion to pursue a career as a nurse and diabetes educator was ignited by her own type 1 diagnosis over 30 years ago. As a tireless advocate for diabetes care, she has met with local legislators through Association of Diabetes Care & Education Specialists and Breakthrough T1D (formerly JDRF) for many years with a focus on increasing access to care and fair insulin pricing. This spring, she represented the diabetes community on Capitol Hill through her involvement with the Diabetes Patient Advocacy Coalition. She also volunteers as an insulin pump and CGM nurse at residential diabetes camps where she shares her expertise with children living with diabetes and other diabetes health care professionals.

In her current role in digital health, she supports diabetes patients virtually. She also played a primary role in developing and supporting her company's type 1 diabetes and CGM programs. She is currently pursuing a Master of Science in Health Informatics (MSHI) with a concentration in AI with aspirations of shaping a future where increased access to care is realized.

EMILY PETERSEN

Emily is a dedicated health coach and advocate for individuals living with Type 1 Diabetes. Four years ago, at age 23, she received her life-altering T1D diagnosis, which profoundly transformed her understanding of health and wellness. With a solid background in Public Health, Emily now serves as a National Board Certified Health and Wellness Coach in the diabetes space.

Her journey is filled with remarkable milestones, from paragliding competitions to healing her relationship with herself, her body, food, and exercise. This personal experience has underscored the power of mindset shifts. Initially struggling with emotional challenges, Emily learned to see her condition as an opportunity for growth. This new perspective inspires her coaching approach. Emily helps clients of all ages, including parents and caregivers of T1Ds, cultivate resilience and reframe their thoughts about diabetes. In her one-on-one interactions with her clients, she applies various science-based coaching techniques.

She finds deep fulfillment in guiding clients to set and achieve goals, whether they involve running marathons, enjoying pizza, overcoming self-doubt, or having healthy pregnancies.

#DDATA AGENDA
Friday, Nov. 8

8:15 am	Breakfast
8:45	Welcoming Remarks Amy Tenderich, DiabetesMine
9:00	Opening Talk: Unlocking the Power of Radical Patient Advocacy Susannah Fox, Researcher & Former CTO of HHS
9:40	Featured DIY Talk: David Burren, Nascence Biomed
10:15	Integrating AI Into Closed-Loop Systems: Progress & Pitfalls Sam Royston, Replica Health
10:45	Networking Break
11:15	Featured Panel: The Now & Future of Remote Patient Monitoring
12:15 pm	LUNCH
1:00	Featured Panel: The 'Wild West' of DIY Open Support
2:10	Spotlight Demo: Diabetotech
2:25	Safety, Security and Interoperability of Diabetes Devices Naomi Schwartz, MedCrypt
3:10	What's the Deal with AID Systems for T2D?
3:40	Stretch Break
4:00	Round 1 Tech Demos Trio app | Glucotrack | Sequel twiist | ChatCGM
4:45	Round 2 Tech Demos GoCoCo | Persperion Diagnostics | Medtronic Simplera | Tidepool
5:20	Closing Remarks
5:30 pm	NETWORKING RECEPTION

FEATURED SPEAKERS

SUSANNAH FOX, HEALTH TECH STRATEGIST & AUTHOR

Susannah Fox is a health and technology strategist whose life's work has been to explore and map the terrain created by patients, survivors, and caregivers. She passionately believes that open access to information, data, and tools can help patients make better decisions and catalyze health care innovation. Her recent book, Rebel Health: A Field Guide to the Patient-Led Revolution in Medical Care (MIT Press, 2024), showcases how consumers are building up our collective capacity for better health and how the healthcare ecosystem can leverage the power of connection with those they serve.

She is a former Chief Technology Officer for the US Department of Health and Human Services, where she led an open data and innovation lab. She has served as the entrepreneur-in-residence at the Robert Wood Johnson Foundation and she directed the health portfolio at the Pew Research Center's Internet Project. Fox serves on the boards of Cambia Health Solutions and Smart Health Network.

DAVID BURREN, NASCENCE BIOMED

David is based in Australia, and he's been active as a voice and developer in the DIY diabetes technology community since 2017.

Today, he is also a peer support leader and advocate, diabetes technology reference for many HCPs and PWD (known to many as the Bionic Wookiee). He also now works as part of several clinical research teams. For some years he's been involved in various international conferences as a #deDOC advocate, and is now often also presenting on research topics.

His core work as one of the founders of Nascence Biomed is aiming to bring #WeAreNotWaiting AID technology to the masses through a system with regulatory approval. He's proud that the technology has allowed him to do away with carb counting or even announcing meals since early 2021, and still maintain clinical results far beyond his HCPs' expectations.

Having initially trained as an engineer, David's previous careers have included software developer and large-scale IT systems architect. With a Master of Photography, he has also worked as a professional photographer and photography lecturer. With 42 years of living with T1D under his belt, all of his experiences lead into his drive to help as many PWD as possible.

SAM ROYSTON, REPLICA HEALTH

Sam lives with Type 1 diabetes and founded Replica to help accelerate AI/ML technologies in the diabetes space. He studied Machine Learning at the Courant Institute at NYU, and Mathematics at Lewis and Clark College. Previously, he co-founded and led engineering at VoteShield (an anomaly detection platform used by government database admins), where he scaled the team to 15. Prior to VoteShield, Sam was an ML engineer at various startups and researched blood glucose prediction algorithms at NYU.

ZOE HEINEMAN, INDUSTRY VETERAN & ADVOCATE

With experience at Diabeloop, Hygieia, Roche Diagnostics Corp. and Tidepool, Zoe's focus areas are automated insulin delivery based on continuous glucose monitoring, using software as a medical device (SaMD). She has led communication with US FDA CDRH, Center for Medicare and Medicaid services, members of US Congress House of Representatives and Senate, device and drug developers, employers and private payers. She engages with KOLs in endocrinology and retina, US state and federal legislators, patients, and payers to improve clinical outcomes.

Through engaging with the American Diabetes Association, American Association of Clinical Endocrinology, Association of Diabetes Care and Education Specialists, Diabetes Patient Advocacy Coalition, Children with Diabetes, Congenital Hyperinsulinism Intl., Global Genes and the International Society for Pediatric and Adolescent Diabetes, NORD and her own advocacy initiatives, she encourages stakeholders to empower themselves for whatever it takes to succeed in diabetes care.

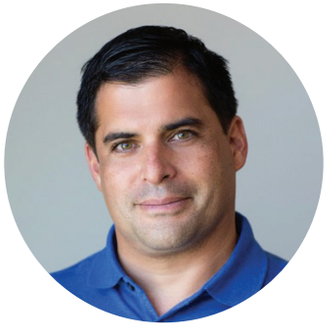
DR. SUSHMA REDDY, DIABETES SOLUTIONS INTERNATIONAL

Dr. Reddy is a board-certified specialist in Diabetes, Endocrinology & Metabolism. She earned her medical degree with distinction from Kakatiya Medical College in India and completed her residency and fellowship at Wayne State University, Detroit. Dr. Reddy began her career as an Assistant Professor at Wayne State, where she established an inpatient diabetes unit. In 1991, she founded a private practice in Port Huron, Michigan, and was key in achieving Joint Commission Certification for Advanced Specialty Care in Diabetes for two local hospitals. During her tenure in Michigan, she developed insulin protocols and innovative approaches to managing individuals with diabetes, including a boot camp for type 2 diabetes, an insulin pump program, a CGM clinic, and a therapeutic CGM training program.

Dr. Reddy joined Steady Health in 2020, and later Carbon Health in 2021, where she helped develop a virtual diabetes care model using CGM and RPM. She has presented their outcomes at ATTD and published in Clinical Diabetes. A recognized industry speaker, she has presented at numerous professional events and created educational content.

DR. MARK CLEMENTS, GLOOKO

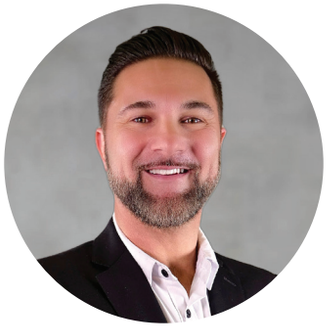
Dr. Clements is chief medical officer at Glooko Inc., professor of pediatrics at the University of Missouri-Kansas City School of Medicine, and a pediatric endocrinologist in Kansas City, Missouri. He is also a clinical researcher of new diabetes treatments and technologies, having served as a principal investigator or co-investigator in more than 30 clinical studies and patient registries.



DR. MICHAEL KURISU, MEASURED WELLNESS

Michael Kurisu is an Osteopathic Family physician with extensive training in both the alternative health field as well as conventional allopathic medicine, allowing him to integrate all aspects of health as it pertains to each patient. Dr. Kurisu is a board certified in Family Medicine and board certified in Holistic and Integrative Medicine. He trained at UCSD and is founding faculty of the Center for Integrative Medicine at UCSD, as well as the Osteopathic Center San Diego.

He applies evidence-based integrative therapies for management of complicated, chronic disease states and works closely with many different patients and health care practitioners in the community. He is also data-centric and very interested in the future direction of medicine and has created the Measured Wellness Clinic empowering patients to take greater control of their health.

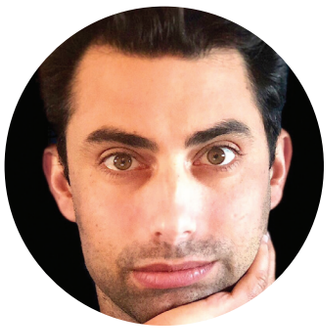


SCOTT HOZEBIN, STRIDEMD

Scott is the Chief Commercial Officer at StrideMD, with over 20 years of expertise in bringing new medications and medical technology to the healthcare system. At StrideMD, he is focused on accelerating the adoption of connected care for patients with diabetes, as well as empowering clinicians and caregivers through integrated, cutting-edge solutions. His work merges biosensors, AI, IoT, telehealth and remote patient monitoring to create simpler, more effective care.

Before joining StrideMD, Scott spent 17 years at Dexcom as an Executive Business Manager, where he focused on the adoption of continuous glucose monitoring (CGM). He was instrumental in mechanizing processes that brought this life saving technology efficiently and successfully to patients.

Scott holds an Executive MBA from FIU Chapman Graduate School of Business, a certificate in Drug and Medical Device Development from MIT, and a B.S. in Physical Education from Central Connecticut State University.



BRANDON ARBITER, TIDEPOOL

Brandon Arbiter is a founding team member at Tidepool, now serving as the organization's vice president of business development and strategic partnerships. Upon being diagnosed with T1D at age 27, Brandon applied his expertise developing data and decision support systems, becoming a quantified-selfer and diabetes app developer. He was among the first people to adopt and advocate for leading DIY technologies including NightScout, OpenAPS, and Loop.

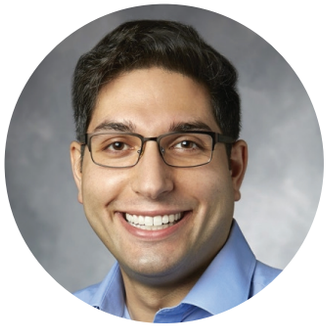
In 2014, Brandon became the first person to livestream his continuous blood glucose during a competitive race when he connected Nightscout to his public blog during the San Francisco Half Marathon. In addition to his work at Tidepool, Brandon has served the diabetes community with roles on local Bay Area JDRF boards, the International Board of Directors for JDRF, and on the ADCES technology advisory committee. Brandon lives in Denver, CO, with his wife and their young son.

JOANNE MILO, LOOP AND LEARN

Joanne Milo has lived with T1D for almost 60 years. Her involvement with the T1D community started at her diagnosis at age 11, from peer support, fundraising, advocacy. She writes a weekly blog (www.TheSavvyDiabetic.com), and published a book on surviving hospital "care" and maintains a local adult T1D support network.

Her open source journey started with NS in 2014, Loop in 2016. She is now using Trio. She founded the Facebook group Loop and Learn (with over 11,000 members worldwide) and Loop and Learn YouTube channel. She's been honored by DiabetesMine twice as one of the Patient Voices Scholars.

Her new project, started in 2018, is T1D to 100, for navigating aging with T1D using knowledge, tools and preparation lists, interface with university-based researchers, and sharing our information to the HCP community to help their aging T1D patients. Joanne grew up in the NY metro area, now living happily in Southern California with her husband (Richard) and their elderly Westie (Hey Buddy).



DR. RAYHAN LAL, STANFORD MEDICINE

Dr. Lal has lived with Type 1 diabetes for several decades and studied electrical engineering and computer science at UC Berkeley. During his work in engineering his two younger sisters developed T1D and he decided to become an adult and pediatric endocrinologist. As an engineer and physician-scientist with diabetes, his primary research interest is the design, development and testing of new diabetes technology. Rayhan collaborates with members of the Stanford Diabetes Research Center, industry, and open-source diabetes community to bypass the biological, technological, and human factor limitations of existing devices.

MARION BARKER, LOOP DOCS

Marion was diagnosed with T1D in 1979 at age 23 while in graduate school. Over the next 36 years, she transitioned from NPH & regular to MDI, from urine test strips to fingerstick meters. She got her first CGM in 2015, and added a pump six months later. She began using Loop in 2018 and continues using it today.

She retired in Feb 2021 from a career in the aerospace industry. Her final jobs involved Flight Software for space instruments, along with testing and data analysis tasks. She now devotes time to volunteer work on Open-Source Automated Insulin Delivery systems like Loop and Trio; Build and Customization scripts for OS-AID; helper apps like LoopFollow; and editing LoopDocs and supporting the Loop N Learn team.

NAOMI SCHWARTZ, MEDCRYPT

Naomi is the Vice President of Services at Medcrypt, a medical device cybersecurity firm. She leads a team of cybersecurity subject matter experts who help medical device manufacturers design appropriate security into their devices, perform threat modeling and cybersecurity risk analyses, and ensure that submission documentation is complete and ready for regulators including FDA, HealthCanada, MDR/IVDR in EU, and others worldwide.

Naomi was an FDA premarket reviewer and consumer safety officer for 6.5 years focused on software, interoperability, cybersecurity and wireless coexistence for connected diabetes devices. While there, she reviewed a first-of-kind automated insulin dosing system; helped develop pathways for 3 separate connected diabetes devices (iCGM ACE pump and iAGC); helped craft standards and recommended practice for wireless diabetes device security and use of mobile devices in control contexts; and managed postmarket triage for cybersecurity vulnerability. Prior to that, Naomi was a defense contractor (for 15 years) developing radar systems for the US DoD.

DR. ANDERS CARLSON, INTERNATIONAL DIABETES CENTER

Dr. Carlson is an adult endocrinologist and Associate Executive Director at the International Diabetes Center at HealthPartners in Minneapolis, MN. He is also an Associate Professor at the University of Minnesota Medical School and is a member of the American Diabetes Association, Endocrine Society and American Association of Clinical Endocrinologists.

He is a principal investigator on several clinical trials looking at automated insulin delivery systems and continuous glucose monitoring in special populations, including pregnancy. He has been a co-investigator on several NIH funded studies, and in conjunction with the International Diabetes Center team, he has published several articles about glucose data interpretation and use of the Ambulatory Glucose Profile (AGP).

DEMO COMPANIES

DIABETOTECH

Diabetotech is an independent online educational platform for diabetes technology. Available 24/7, our video courses empower individuals with diabetes, their caregivers, and healthcare professionals to stay informed about the latest in glucose sensors, insulin pumps, and Automated Insulin Delivery (AID) systems. Our mission is to break down educational barriers, ensuring better diabetes care for everyone.

TRIO APP

Trio is a DIY, open-source, peer-reviewed, and tested Automated Insulin Dosing app that users control. It is iOS-based and runs on the OpenAPS algorithm with new adaptations for Trio.

The project started as Ivan Valkou's FreeAPS X implementation of the OpenAPS algorithm for iPhone and later forked and rebranded as iAPS. Since then, many developers have contributed substantial work, leading to a range of new features and enhancements.

Following the release of version 3.0.0, the project's direction significantly changed due to differing views on development, open source, and peer review. This led to the separation from the Artificial-Pancreas/iAPS repository and the birth of Trio as a distinct entity. This transition marks the project's new phase, symbolizing its evolution and the collaborative development's dynamic nature.

GLUCOTRACK

Glucotrack is focused on the design, development, and commercialization of novel technologies for people with diabetes. The Company is currently developing a continuous blood glucose monitoring system, which is a long-term, implantable system that continuously measures blood glucose levels with a sensor longevity of 3 years, with no on-body wearable component and with minimal calibration.

SEQUEL TWIIST

twiist™ is the only Automated Insulin Delivery (AID) system that combines two of today's innovative diabetes technologies with simple, personalized settings designed to match your unique lifestyle.

Tidepool Loop enables the system to automatically adjust insulin delivery based on continuous glucose monitor (CGM) readings, your personalized settings, and predicted glucose levels. Designed for and by people living with diabetes, it provides a high degree of customization, including the widest target range of any AID system.

iiSure™ Technology directly measures the volume of insulin delivered and includes 4 checkpoints along the way to help ensure accurate delivery. This technology also allows the twiist system to alert you to blockages up to 9 times faster than other AID systems.

CHATCGM

ChatCGM is an innovative tool that redefines diabetes management through a seamless, conversational AI interface. Designed to simplify the complexities of managing diabetes, ChatCGM enables effortless interaction with health data — whether through text commands, voice messages, or even photo uploads.

One of the key features of ChatCGM is its direct integration with Nightscout. This integration simplifies the logging of crucial information such as meals, insulin doses, and physical activity, reducing the effort of manual input and ensuring that data is captured accurately and comprehensively. By facilitating consistent data entry through natural conversations, ChatCGM encourages users to maintain a more complete record of their health, ultimately leading to a richer dataset that can be leveraged for personalized insights.

The AI-powered analytics within ChatCGM uses this enriched data to generate highly customized and actionable insights. Users can simply ask questions like "When do I typically experience low blood sugar levels?" and receive instant, data-driven responses that help them make informed decisions about their diabetes management.

GOCOCO

GoCoCo is a cutting-edge mobile app designed to empower people to make healthier food choices, especially those managing type 2 diabetes. The app allows users to scan food barcodes to receive instant nutrition information, including a unique Diabetes Warning created by registered dietitians for products high in sugar, simple carbohydrates and saturated fat. Each food item is rated on a scale from 1 to 10, based on its nutritional value and level of processing. If a product receives a low rating, healthier alternatives are suggested.

GoCoCo simplifies meal planning by helping users quickly identify foods that fit within a diabetes-friendly diet. In addition to food ratings, the app offers educational resources, including lessons on diabetes and healthy recipes, making it a valuable tool for anyone looking to improve their health through smarter eating choices. GoCoCo's mission is to empower individuals with easy-to-understand insights and actionable advice to manage their health and maintain a balanced lifestyle.

PERSPERION DIAGNOSTICS

Persperion Diagnostics aims to reimagine personalized health management using natural fingertip sweat. Founded in 2022, we developed an enzymatic electrochemical test strip to directly sense different biomarkers within the natural fingertip perspiration. As the first step, we have developed a first-of-its-kind touch-based noninvasive glucose monitoring technology that allows people with diabetes to check their glucose levels accurately, easily, and affordably.

Our first product, the ConTAQ Sweat Glucose Monitoring (SGM) System, combines a durable glucose meter and reusable glucose test strips. At the heart of this system is our proprietary solid-state enzymatic electrochemical test strip, engineered to directly measure glucose in less than 100 nL of natural perspiration with just a 30-second fingertip touch.

MEDTRONIC SIMPLERA

The Simplera™ continuous glucose monitor (CGM) is a disposable, all-in-one CGM that's half the size of previous Medtronic CGMs. The discreet design simplifies the insertion and wear experience, eliminating the need for overtape. The FDA approval for Simplera™ CGM lays the groundwork for the future integration with InPen as a Smart MDI system.

TIDEPOOL

TIDEPOOL+

Tidepool+ provides an integrated platform that enables providers to deliver personalized, proactive diabetes care while supporting population health management. With tools that span individualized insights through Loop data visualization and scalable AI-driven management through TIDE, our ecosystem seamlessly connects patient-level and public health perspectives. Designed for workflow efficiency, Tidepool+ allows clinicians to consolidate diabetes data in one secure, integrated platform with EHR integration options that enhance clinical workflows. By expanding data visualization and offering tailored onboarding for diverse provider types, Tidepool is reshaping diabetes care to support both individualized patient outcomes and proactive, value-based population health strategies.

MADE POSSIBLE BY:

dexcom®

Lilly | DIABETES

omnipod

embecta™

mannkind