

# FALL 2022 DIABETESMINE INNOVATION DAYS

Nov. 17 & 18 • San Francisco

The DiabetesMine™  
Innovation Summit

A Patient-Led Forum to Improve Tools & Care



d-data exChange

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INNOVATION PROJECT

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# DAY 1 AGENDA: INNOVATION SUMMIT 11/17

8:45 am	Welcome Amy Tenderich, DiabetesMine
9:00	“The Future of Health & Medicine: What Diabetes Innovators Should Know” Dr. Daniel Kraft, Stanford University
10:00	“Disrupting Diabetes Care Delivery” Dr. Avni Shah, Vayu Health
10:30	Networking Break
11:00	Featured Panel: “FOOD, CULTURE & TECHNOLOGY”
12:15 pm	Meet Innit: Personalized Food Technology for PWDs
12:30	LUNCH
1:30	“Practical Applications of Resilience in Diabetes” Marisa Hilliard, Baylor College of Medicine
2:00	Featured Panel: “MENTAL HEALTH & DIABETES: What is Being Done?”
3:00	Networking Break
3:30	Featured Panel: “Building Blocks for HEALTH EQUITY IN DIABETES”
4:30	“Diabetes Art + Advocacy” Weronika Burkot, Blue Sugar Cube
4:45	Closing Remarks
5:00	DIABETES ART EXHIBIT + Networking Reception

## 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 ADCES (Association of Diabetes Care and Education Specialists).

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, aerobic workouts, and just about anything fun done under California sunshine.

## FEATURED SPEAKERS



### DANIEL KRAFT, STANFORD

Daniel Kraft is a Stanford and Harvard-trained physician-scientist, inventor, entrepreneur, and innovator and is serving as the Chair of the XPRIZE Pandemic Alliance Task Force. With over 25 years of experience in clinical practice, biomedical research and healthcare innovation, Kraft has served as faculty chair for Medicine at Singularity University since its inception in 2008, and is founder and chair of Exponential Medicine, a program that explores convergent, rapidly developing technologies and their potential in biomedicine and healthcare. Following undergraduate degrees from Brown University and medical school at Stanford, Daniel was Board Certified in both Internal Medicine & Pediatrics after completing a Harvard residency at the Massachusetts General Hospital & Boston Children's Hospital, and fellowships in hematology, oncology, and bone marrow transplantation at Stanford.

He is heavily involved in digital health, founded Digital.Health, and is on the board of Healthy.io and advises several Fortune-50 and digital health-related startups. Daniel recently founded IntelliMedicine, focused on personalized, data-driven, precision medicine. He is also the inventor of the MarrowMiner, an FDA-approved device for the minimally invasive harvest of bone marrow, and founded RegenMed Systems, a company developing technologies to enable adult stem cell-based regenerative therapies.





### AVNI SHAH, VAYU HEALTH

Avni Shah is an Associate Clinical Professor at UCSF Medical Center and former clinical consultant at Bigfoot Biomedical. She founded Vayu Health following nearly two decades of clinical leadership in academic medicine and non-profit organizations. After struggling continually to have a bigger impact on the root issues of our most vulnerable populations, she learned that the important pieces needed to deliver exceptional care to patients as well as value to providers, payers, and health systems were simply not working together well, creating gaps and disparities in care. The continued disparities and lack of improvement of population outcomes over the last 20 years, despite new drugs, new technologies, new research, and rising costs, are proof.

Vayu Health has ambitious goals to help those in the most need. Their mission is to create a robust, scalable business in the long-term, first by better developing and fitting together the foundational pieces required for sustainability and scalability.



### T'ARA SMITH, BEYOND TYPE 2

T'ara Smith is a nutritionist, diabetes advocate, writer, public speaker, and aspiring diabetes care and education specialist. T'ara was misdiagnosed with type 2 diabetes in 2017 and re-diagnosed with LADA diabetes in 2020. She's passionate about cooking with fresh ingredients, body positivity, and advocating for women of color within the health and wellness space. T'ara used healthy home-cooking to develop sustainable healthy habits, achieve weight loss, and improve mental health. She enjoys sharing her journey on her Instagram, T'ara Talks Food, and hopes to inspire others to use cooking to live their healthiest lives.

T'ara serves as the Director of Beyond Type 2, where people with type 2 diabetes can find practical resources to live healthy, amazing lives without shame or facing stigma, as well as find a community with others with the disease. In her spare time, T'ara loves to try new recipes, listen to K-Pop, watch Marvel movies, and hang at the beach with her dog.



### JOYCELYN CORNTHWAITE, UT HEALTH HOUSTON

Joy Cornthwaite is a registered dietitian and a certified diabetes care and education specialist. She earned a bachelor's in Kinesiology from Rice University, a master's in Clinical Nutrition at Florida State University, and is currently working on an MBA with healthcare focus at Yale University.

Joy is currently the Diabetes Program Manager for a women's group in the Texas Medical Center. She is focused on developing upstream care solutions that target challenges and limitations around access to diabetes care, education, supplies, and resources.

Her training and experience as a dietitian with Canyon Ranch Institute's Savannah Life Enhancement Program gave her a better understanding of how to integrate clinical care into a philosophy of collaborative wellness. She believes in empowering people to self-care behaviors, training self-advocacy, and supporting technology and biofeedback to inform tailored treatment decisions.

Joy unwinds from insurance appeals and advocacy, sometimes. You can find her biking with the family, aka "our biker gang," or sharing a meal with her favorite people.



### DANIEL MODLINGER, NUTRINO / MEDTRONIC DIABETES

Daniel Modlinger is the Senior Director of Cloud Software at Medtronic Diabetes' R&D. His organization is responsible for the CareLink product and system connectivity. Previously, he served as Nutrino's VP of R&D, where he led the development of AI-based applications for personalized nutrition, resulting in its acquisition by Medtronic.

As a veteran software engineer, Daniel has been leading the development of high-scale big-data products for the last 12 years. Daniel is married, a father of two, and enjoys rock climbing and running in his free time. He is currently located in Santa Monica, CA, originally from Tel Aviv, Israel.





#### DR. JOHN WESLEY MCWHORTER, SUVIDA HEALTHCARE

John “Wesley” McWhorter is the Director of Lifestyle Medicine for Suvida Healthcare, serves as a national spokesperson for the Academy of Nutrition and Dietetics, and is an advisory council member for the Teaching Kitchen Collaborative.

A professional chef and dietitian, Dr. McWhorter is also a behavioral scientist, strength and conditioning specialist, cookbook author, and food as medicine expert. His research and work focus on nutrition equity and closing the divide between culinary literacy and nutrition education and policy through hands-on culinary medicine education.

In addition to culinary school, Dr. McWhorter graduated from Kansas State University, earned a master’s degree from the University of Texas Medical Branch, and a doctorate in Health Promotion and Behavioral Science from the University of Texas Health Science Center School of Public Health.



#### ALLYSON HUGHES, OHIO UNIVERSITY

Allyson Hughes is a behavioral scientist who is passionate about diabetes and disability health policy. She is currently an assistant professor at Ohio University’s Heritage College of Osteopathic Medicine where she conducts diabetes research and supports med students to think outside the medical model and build trust with the people with diabetes they see in clinic. She is celebrating her 27th diaversary next month.



#### MARISA HILLIARD, BAYLOR COLLEGE OF MEDICINE

Marisa Hilliard is an Associate Professor of Pediatrics at Baylor College of Medicine and Texas Children’s Hospital in Houston, TX. She directs the Resilience and Diabetes (RAD) Behavioral Research Lab, which primarily focuses on the application of positive psychology and the science of health behavior change to improve psychosocial, behavioral, and health outcomes of youth and young adults with type 2 diabetes and their families through intervention studies, measure development, and qualitative research. She receives research funding from the National Institutes of Health, The Leona M. and Harry B. Helmsley Charitable Trust, and JDRF.



#### INNIT

Innit’s platform enables partners to provide actionable assistance across the entire meal journey. Innit powers partners like Google, Roche and Carrefour supermarkets to deliver personalized nutrition and e-commerce services based on health conditions, allergies, diets, and preferences. Advanced features like Shoppable Recipes and Smart Meal Plans add healthy meal ingredients to the cart with a single click, while balancing dietary needs, price, and quality. Step-by-step videos provide guided cooking support, with an emphasis on teaching techniques for preparing fresh ingredients.



#### DR. TERRI TILFORD, NORTH CAROLINA STATE UNIVERSITY

Dr. Terri Tilford is an accomplished Licensed Clinical Mental Health Counselor with a Supervisor endorsement in the State of North Carolina where she owns Renewed Vision Personal and Career Counseling/Consulting, PLLC. Dr. Tilford also currently serves as an Assistant Teaching Professor and Online Clinical Coordinator in the Counselor Education program at North Carolina State University. Previously, Dr. Tilford was the Director of Counseling at Winston-Salem State University, Grand Rapids Community College and a classroom professor at Northwestern University, Montreat College, Central Michigan University, Western Michigan University, and Spring Arbor College.

She has extensive and diverse experiences, which includes serving marginalized populations, women, and youth. She is especially passionate about serving the type 1 diabetes community as a volunteer and counselor. Her passion is driven by her love of her son Charles III, who is now 25 and was diagnosed at age 8. Dr. Tilford is also the mother of four other adult children and is married to Sebastian Jones.





### MARY MOSIER, LMFT

Mary Mosier is a multiethnic, bilingual Trauma Psychotherapist, advocate and speaker from Southern California. She has a clinical practice specializing in trauma, inner child healing and self love. Mary has lived with type 1 diabetes since the age of 3.

Mary was drawn to therapy by her innate interest in how our experiences affect our sense of self, and her passion for helping people grow, step out of their pain and into their light and understand their value. Mary's mission is to help folks believe their life is worth living and deserve to be loved in spite of what they have been told.

Mary has extensive experience in working with crisis, high acuity mental health needs and complex trauma. Mary has dedicated her career to working with communities who have been marginalized: Spanish speaking, POC, youth, LGBTQIA+, individuals with Autism &/or Neurodivergent identified, those living with Diabetes and other medical conditions, and providing therapy in both English and Spanish to help children, youth and their families find their voice, heal, repair relationships and eliminate the stigma of mental health treatment in Spanish speaking communities.

Mary completed her BA in Communicative Disorders at California State University Fullerton and her MS in Clinical Psychology at Vanguard University. Mary is a Licensed Marriage and Family Therapist in California.



### NICK CUTTRISS, ECHO DIABETES ACTION NETWORK

Dr. Cuttriss is a social entrepreneur and a practicing pediatric endocrinologist and public health professional with a unique dedication to health disparities and improving the quality of life of people living with diabetes. He currently serves as Founding Director and CEO of the ECHO Diabetes Action Network after serving as Director of Project ECHO Diabetes and Project ECHO Diabetes in the Time of COVID-19 at Stanford University.

Prior to joining Stanford, Dr. Cuttriss served as the first pediatric endocrinologist for the University of New Mexico Project ECHO Institute ENDO teleECHO clinic to democratize diabetes specialty knowledge by empowering primary care providers to care for patients with complex diabetes who lack access to routine diabetes specialty care.

Clinically, Dr. Cuttriss founded and serves as Medical Director for ENDO Diabetes & Wellness, a medical practice specializing in diabetes and telehealth where he also supports and consults with medical groups and hospital systems around the country to address barriers to routine diabetes specialty care. Dr. Cuttriss also serves as co-Founder & Chairman of the Board of AYUDA (American Youth Understanding Diabetes Abroad), a 501c3 global health volunteer organization that empowers youth to serve as agents of change in diabetes communities abroad.



### OSAGIE EBKOZIEN, T1D EXCHANGE

Osagie Ebekozen is the Chief Medical Officer at the T1D Exchange, where he leads a learning health network of over 50 diabetes centers. He also serves as an Adjunct Professor of Population Health at the University of Mississippi Medical Center and is an Improvement Faculty with Ariadne Labs in Boston.

Dr. Ebekozen is a population health researcher with a focus on health equity, quality improvement, and implementation science to improve diabetes outcomes. He has received international awards for his work, including most recently the ISPAD International Innovation Award for developing model best practices in advancing health equity in diabetes care. He is a frequent keynote speaker at conferences, his work has been featured by major media networks, and he has authored several peer-review publications.



### MARIA ESPINOLA, INSTITUTE FOR HEALTH EQUITY AND INNOVATION

Maria Espinola is the CEO of the Institute for Health Equity and Innovation. She has over 12 years of experience providing vision, leadership and strategic planning for the development and implementation of health equity initiatives in multifaceted organizations. She has a record of successful collaboration with leaders across universities, Fortune 500 companies, non-profit organizations and the three branches of government. She has been a consultant for the CDC and has served on the Ohio Commission on Minority Health's Medical Expert Panel, the University of Cincinnati's President's Diversity Council and the Health Policy Institute of Ohio's Board of Directors.

Dr. Espinola has received over 25 awards for leadership, health equity initiatives, innovation and community impact. Dr. Espinola has been featured by a wide range of media outlets, including the U.S. News and World Report, ABC News, CNN, The New York Times, and Reuters Health.

She completed her doctorate in clinical psychology at Nova Southeastern University, her pre-doctoral fellowship in multicultural psychology at Boston University Medical Center and her post-doctoral fellowship at Harvard Medical School.



### WERONIKA BURKOT, BLUE SUGAR CUBE

Weronika is a Polish artist, content creator, and diabetes advocate based in Belgium. She has been living with type 2 diabetes since 1995.

She graduated with an MA from the Academy of Fine Arts in Warsaw in Exhibition Design & Visual Communication, and completed a postgraduate program in Pedagogy in Art Education, and a postgraduate program in Internet Marketing at Warsaw School of Economics.

In 2013, diabetes burnout inspired her to start a diabetes blog called 'Blue Sugar Cube,' which now is one of the most recognizable among Polish people with diabetes. For almost a decade, Weronika has been engaged in various diabetes-focused programs, campaigns, and events — both Polish and international — to support, inspire, and motivate the diabetes community.

She is a part of networks such as IDF Young Leaders in Diabetes, IDF Blue Circle Voices, and #dedoc° voices. She is passionate about volunteering and creating her own projects and initiatives, including the #ReduceDiabetesTechnologyWaste campaign or Diabetes Supplies for Ukraine collection in collaboration with Polish Diabetes Association.

Weronika is creating diabetes art to show everyday life with diabetes and to bring awareness to important issues such as insulin access or discrimination in the diabetes community.



## ADDITIONAL FEATURED ARTISTS



**MIKE NATTER, MD**

"My work largely falls into one of two buckets: didactic or cathartic (and sometimes both). While in medical school, it became clear that I learned best by drawing and so I found myself illustrating my notes. Often, I would add a layer of humor to make it more memorable. Being a patient with a chronic condition comes with it a whole other world of cognitive weight. In using my art as an outlet, it's given me a place to unpack that weight. Just as I identify as a doctor, artist, and more, I never want to be defined only by my diabetes. My self-portrait in test strips physically exemplifies this. Up close one can only recognize singular test strips (diabetes), but taking a step back the macrocosm comes into focus and my face comes into view."



**DANA SWANN, GLUCOSE101**

"My diabetes care and the mindsets surrounding my diagnosis changes over the years, months, and even throughout the day! But successfully managing a chronic illness means acceptance and embracement. I like to illustrate what this harmony looks like by incorporating aspects of diabetes management into my pieces. I especially love to make diabetes not the central focus, but a recurring theme. Although to others I may not look exhausted or like I'm doing calculations in my head, diabetes is likely on the brain. In my art, I try to casually incorporate elements of diabetes into art styles not typically seen in diabetes media. It helps me exemplify how diabetes is always part of my picture, unhidden."

## PATIENT VOICES WINNERS



**CLAUDIA LEWIS**

Claudia is a physician assistant (PA) at the University Hospitals Diabetes and Obesity Center in Cleveland, Ohio. She has had type 1 diabetes since the age of 12. Her passion is connecting with people with diabetes and providing them with education and support to help them live their highest quality life. She currently works in the hospital taking care of patients with diabetes and also sees them two weeks later in a post-hospital discharge clinic.

As an alumni of the college diabetes network (CDN), she was very involved in attending conferences and leadership summits. She also spent this summer working at diabetes Camp Ho Mita Koda on the medical staff. While a student at Ohio State, she served as a research co-investigator for the development of a simulation platform for diabetes self-management and technology education. As someone who is fortunate enough to see diabetes through the eyes of both a patient and provider, she believes in the importance of patient perspective and works to make sure people with diabetes have a voice as technology is developed to meaningfully improve their lives.





### CRYSTAL NGO DIAZ

Crystal is a recent graduate from the University of California, Davis, with her Bachelor of Science in Global Disease Biology. She plans to attend physician associate school in 2024. Crystal currently works as a GI endoscopy technician in the Interventional GI Lab Department at the University of California, Irvine Medical Center.

Crystal has had type 1 diabetes for 3 years, diagnosed at age 18. In 2021, she served as a College Diabetes Network (CDN) NextGen Fellow, representing CDN at the American Diabetes Association 81st Scientific Sessions and serving as a panelist about diabetes management and the transition into university and adulthood for several webinars, including for the Association of Diabetes Care and Education Specialists. This past summer, she served as a staff volunteer for the Children with Diabetes – Friends for Life Orlando Conference and loved connecting with families impacted by diabetes.

As a young woman of color of Chinese and Filipino descent, Crystal is passionate about uplifting Asian American and BIPOC (Black, Indigenous, and People of Color) experiences and amplifying their unique stories. She hopes that her advocacy will encourage other BIPOC to feel understood and empowered, creating a safe space for them to talk about their lived experiences and to be included in diabetes decision-making.



### EUGENIA ARAIZA

Eugenia is a bilingual nutritionist, DCES and board-certified health coach. She has been living with type 1 diabetes since 1995. She strives to be a voice for the Spanish-speaking community living with diabetes, while helping people live their best lives by accompanying them through nutrition counseling and diabetes education. She attends international conferences and creates materials, books, courses and nutrition-education workshops that are culturally appropriate for the Spanish-speaking community.

She is author of the book: “Soy Diferente y me Gusta”, developed around the importance of acceptance when living with diabetes, and co-author of the book “Había una vez una Diabetes” which addresses diabetes burnout. These two books were selected to be part of the Bag of Hope and the JDRF No Limits Teen care kit. She is also co-author of the chapter “Evaluation of the state of nutrition in special conditions” in the book “Evaluation of the state of nutrition in the human life cycle” by the Mexican Association of Members of Faculties and Schools of Nutrition (AMMFEN). She collaborated in the translation from English to Spanish of the book “Think Like a Pancreas,” and co-translated the children’s book “Rufus comes home” for JDRF’s Bag of Hope in Spanish.



### GABRIELA SANTANIELLO

Gabriela Santaniello is an undergraduate student at the State University of New York at Old Westbury, pursuing a degree in psychology. Gabriela was diagnosed with type 1 diabetes at 11 years old and is making her life’s journey full of adversity, strength, and impact. In her studies, Gabriela focuses on methods, design, and implications of research in psychology. Her research focuses on the transition from childhood to adulthood with type 1 diabetes and the psychological hardships one may face.

Her interest in psychology stems from her goal of communicating the importance of mental health awareness, specifically for those with type 1 diabetes. She has volunteered as a team captain at JDRF for the last year, and has 6+ years of experience working as a special needs child caregiver. Upon completion of her undergraduate studies, she intends to apply to graduate school to further her knowledge of psychology and progress towards a career as a research psychologist.



### MRIDULA KAPIL BHARGAVA

Born and raised in New Delhi, India, Mridula is a T1D for the past 30 years and a public health professional (alumna of Hadassah Hebrew University, Jerusalem, Israel).

She has over 10 years' experience in healthcare and serves as a consultant to multiple organizations. She is also the founder of Diabetes Fighters' Trust, focused on prevention as well as better management of diabetes in urban and rural India using the concept of community ownership.

Mridula is passionate about helping people with diabetes better manage their condition by empowering them with the essential tools according to their individual as well as population needs.

She holds a postgraduate degree in Nano-Biotechnology. Some of her impressive accomplishments include: top 50 leaders in Novartis Leadership Camp'13, cover-girl of "THE WEEK" magazine '13, and amongst the top 50 innovators in INTEL-DST Digital India Challenge '15. She received the prestigious Bakken Award in 2017-18 from the late Dr. Earl Bakken for her idea to give back to the community. Mridula is the winner of "Diabetes Storytelling Lab in India 2021" hosted by WDF, Dalberg Media & USAID, and has recently received the "WomenLift Health 2022" fellowship by BMGF.



### SERENA VALENTINE

Serena is Executive Director of CORE Initiative, a nonprofit in Houston, TX, that aims to share insight about health issues affecting communities locally, nationally and globally through health education classes and support groups.

Serena earned Bachelor of Science degree in Health Care Administration & Master of Business Administration degree in Healthcare Management from Columbia Southern University. She is an active Cities Changing Diabetes-Houston core team member and the project lead for the Houston Diabetes Peer Support Program under Cities Changing Diabetes.

She has earned a certificate as a Diabetes Paraprofessional under the ADCES (Association of Diabetes Care and Education Specialists) Career Path Certificate Program and is the DSMES (Diabetes Self-Management Education & Support) Master Trainer for the Faith & Diabetes Initiative, also under Cities Changing Diabetes.

Serena is also an active member of the A.S.P.E.C.T. Community to Prevent Blindness, where she advocates for the blind and visually impaired to promote eye health. She believes that an individual's faith can greatly impact their health outcomes, when addressed with careful consideration in encouraging well-informed decision-making towards a healthier lifestyle.



### NADA MERGHANI

Nada is a senior at North Carolina Central University studying Mass Communications with a concentration in broadcasting.

She was recently diagnosed with type 1 diabetes and is extremely passionate about breaking down the health disparity rooted in financial and racial inequality. She sees it as extremely necessary to shed light on the treatment of incarcerated T1 diabetics as well as those who are homeless, experiencing poverty, neurodivergent, and/or living in food deserts, and she's excited to share space with others who want to create a better world for those experiencing diabetes.





### THERESA HASTINGS

Theresa is a happily married mother of two, chasing her carb-focused dreams, building diabetes communities, and determined to never bolus and maintain 100% Time in Range. After being lured away from mainstream insulin pump therapy with promises of flat CGM readings and donuts, she opened Github and Xcode for the first time and never looked back.

She has been DIY Looping since 2017. While she does not have the impressive skills of the coding developers, she is ever willing to be their guinea pig and test out the latest DIY Closed Loop developments. She continues to offer tech support, encouragement, and joint sessions of screaming into the void with fellow PWDs.

She hit the ground running when she joined the diabetes community 16 years into her diagnosis. With the serendipitous help of a stranger online, she started the DiabetesSisters of Denver group in 2014. By day, she is a free child transportation specialist and middle school drama counselor paid in hugs. By night, she is finally making use of her psychology degree by building up and empowering the diabetes community with support and encouragement on various social media platforms.



### TONYA HEGAMIN

Tonya is a type 1 diabetic with a medical alert service dog, Bobo. She has worked with organizations like Women Against Rape, Police Athletic League and Planned Parenthood since 1998. Her experience as a patient and victim advocate and community educator stems from her personal journey as a bisexual and chronically ill woman of color. Her advocacy focuses on medical bias and seeking legal accommodations in higher education and work settings. She also helps patients and medical professionals suffering from social stigmas of health through Narrative Medicine. She attended the New School University's Creative Writing MFA program, and she holds a certificate in Diversity and Inclusion Education and Training from Cornell University Institute of Labor Relations.

Tonya's novels, short stories and poetry focus on cultural history, inclusion, (dis)ability, LGBTQIA+, body positivity and womanist perspectives. She has won awards, reviews and recognition from The New York Public Library, The Christopher Award Foundation, Fortune Magazine, The Washington Post and Essence Magazine. Currently, Tonya is a tenured Associate Professor at CUNY's Medgar Evers College in Brooklyn, NY. She has spoken internationally about integrating diversity and inclusivity into healthcare, creativity, teaching, and leadership.







# AGENDA: D-DATA EXCHANGE 11/18

8:45 am	Welcome – Amy Tenderich, DiabetesMine
9:00	“Crossing the Chasm of Diabetes Technology Adoption” – John Sjolund, Luna Diabetes
9:30	DIY Project: “Diabetes Cockpit” – Lukas Schuster
10:00	“FDA’s Progress on Digital Health” – Brendan O’Leary, FDA
10:30	Networking Break
11:00	“The Force is Strong with CGM” – HarborSide Associates
11:15	“StartUp Health’s Diabetes Moonshot” – David Weingard, StartUp Health
11:45	“The Role of Patient Voices in Vetting Diabetes Innovation” – Greta Ehlers, Diabetes Center Berne
12:00 pm	LUNCH
1:00	Round 1 Demos SmartStart Health   Meala   Go-Pen   Lilly Tempo tech   dot.COOL
2:00	Networking Break
2:30	Round 2 Demos BOYDSense   Glooko Precision Engagement Tech   Afrezza BluHale Tandem t:connect mobile bolus   One Drop’s new CGM
3:30	Innovation Scorecard Exercise
4:00	Tidepool Loop AID + Tidepool Plus for Clinics – Howard Look, Tidepool
4:20	Your Thoughts: Walking Barometer
4:40	Closing Remarks
4:50	Networking Mixer

# FEATURED SPEAKERS



## JOHN SJÖLUND, LUNA DIABETES

John Sjölund is a multinational who leads and develops companies in the digital health space, developing products that customers love by combining big vision, strategy, and operational excellence. Passionate about making life safer, healthier, and more balanced for millions, Sjölund uses UX & UI to enable better decision-making in patient-led therapies. He thrives in rapidly growing and complex organizations where focus and passion lead to success for users — including patients and healthcare providers, investors and the members of his team.

John is a winner of the UK National Health Services Award for Most Innovative Patient Developed Digital Technology. He developed and oversaw operations for products used by hundreds of thousands of people with diabetes across +40 countries. He co-founded and led Timesulin as CEO until its acquisition by Bigfoot Biomedical in 2017.

He co-founded and invented the product for Luna Diabetes, where he currently serves as CEO in San Diego. When not working, he’s busy racing dirtbikes in the desert Northern Baja Mexico, surfing, and raising his twin sons to be as adventurous as their dad.



## LUKAS SCHUSTER, DIY DEVELOPER

Lukas has been working in the digital diabetes industry for the past 9 years. He joined the then-startup mySugr in Vienna in 2013 that was later acquired by Roche Diabetes Care. He led Data Science & Analytics starting around 2017 and assumed his current role as Chapter Lead for Evidence Data Analytics beginning of 2022. In mid-2021, he started Diabetes Cockpit as a side project filling a whole in the industry for good visual analytics of diabetes data that considers context and activity.



**BRENDAN O’LEARY, FDA**

Brendan O’Leary is Acting Director of CDRH’s Digital Health Center of Excellence (DHCoE) at the FDA. The DHCoE works to ensure that patients in the US have access to safe and effective medical devices that include the state-of-the-art technologies to improve their lives and health.

Before joining the Digital Health group as its Deputy Director in 2019, Brendan held positions in FDA’s Office of In Vitro Diagnostics and Radiological Health, including leadership roles in policy and operations and engineering roles in the Division of Radiological Health.

Brendan has been instrumental in FDA’s digital health efforts since they began in the early 2010s. He received his bachelor’s degree in Mechanical Engineering from the University of Maryland, College Park, and he worked in the aerospace industry before joining FDA in 2009.



**CHRIS GILBERT, HARBORSIDE ASSOCIATES**

Chris leads HarborSide Associates, which was formed in 2022 in partnership with data-driven healthcare consultancy Seagrove Partners. Previously, Chris spent two years with Seagrove Partners as VP of Insights and Strategy and Head of the Custom Consulting practice. Prior, Chris was VP of Marketing for Insulet Corporation, where he led the launch of Omnipod DASH and helped the company achieve profitability while adding over 100K customers. Prior to Insulet, Chris was the Head of Surgical Marketing at Hologic, where he successfully led 7 product launches in the surgical division resulting in over \$300 million in revenue. Chris holds an MBA from Babson College, is a CPA, and received a BS in Accounting from Boston College. He resides in Norton, MA.



**DAVID WEINGARD, STARTUP HEALTH**

David Weingard is an entrepreneur, living with type 1 diabetes, and founder of Cecelia Health who considers himself “all in” to positively transform the global diabetes landscape.

As Chief Impact Officer at StartUp Health, he is focused on accelerating global innovation to prevent, manage and cure Diabetes. The Diabetes Moonshot initiative has been launched with a level of collaboration that the world hasn’t seen before.

David founded Cecelia Health (formerly Fit4D) with the mission to improve the lives of people living with diabetes and other chronic diseases throughout the world. The company is dedicated in honor and memory of Cecelia Bourne-Cort, a kindhearted and compassionate nurse & diabetes educator, who helped him rebuild his life after diagnosis.

He bootstrapped the company with paying clients in the early phases of the digital health industry, then led team innovation and culture development resulting in years of 2x YoY growth and through Series A and B capital raises. Today, Cecelia Health’s clients include leading Payers, Providers and Pharmaceutical/ Medical Device organizations.

Prior to Cecelia Health, David has over 20 years in the technology sector with startup and public companies in roles spanning software design and development, product management, business development (including M&A) and leadership.





### GRETA EHLERS, DIABETES CENTER BERNE

As a patient advocate and successful content creator, Greta found her passion in building digital channels and innovative medtech to improve the lives of people with diabetes. Living with type 2 diabetes herself, Greta knows how to engage patient communities and believes that patient centricity is key in driving innovation and developing the diabetes technology of tomorrow.

In her role as the Digital Channel & Community Engagement Manager at the Global Center for Technology Innovation in Diabetes (DCB), Greta is building a bridge between innovation and communication — making sure that the voice of the community is included in the solutions DCB helps develop. In addition, Greta co-hosts the DCB Innovation Challenge, one of the world’s biggest diabetes tech awards.



### HOWARD LOOK, TIDEPOL

Howard Look is the Founder and CEO of Tidepool, an open source, not-for-profit effort to make diabetes data more accessible, actionable, and meaningful. Tidepool makes Tidepool Web, a cross-platform diabetes data management system, Tidepool+, enterprise diabetes data management for healthcare providers, and Tidepool Loop, an automated insulin delivery system.

Howard has previously held roles at Amazon (VP Software), Pixar Animation Studios (VP Software), and TiVo (VP Software and UX, founding team).

In 2015, Howard was awarded the White House Champions of Change award for Precision Medicine on behalf of Tidepool’s work. In 2016, Howard participated in a panel discussion with President Barack Obama at the White House Precision Medicine Initiative Summit.

Howard received his BS in Computer Engineering from Carnegie Mellon University. He joined the diabetes community when his daughter was diagnosed with type 1 diabetes in 2011.

## DEMO COMPANIES



### AFREZZA BLUHALE

BluHale Vis is Mannkind’s first step in the digital health space. It is a wireless device intended to simplify tracking of a user’s Afrezza inhaled insulin dosing. It attaches to the inhaler and automatically captures the Afrezza dosing, seamlessly sending the data to a smartphone app for viewing alongside the user’s CGM and other diabetes event information (BG, meals, exercise, other insulins). The app can generate reports to share dosing and outcomes information with physicians, along with other consumer-focused functions.



### BOYDSENSE

BOYDSense SAS, an award-winning startup with R&D in France and the U.S., is a pioneer in the development of non-invasive breath analysis solutions for monitoring and detection of different biomarkers.

BOYDSense is currently developing its first product, a miniaturized breath analyzer for monitoring glucose concentration in pre-diabetics and type 2 diabetics. It detects the type and concentration of volatile organic compounds in breath. The solution is non-invasive, gentle, affordable, and produces significantly less waste compared to existing fingerstick blood glucose or continuous glucose monitors.



### DOT.COOL

dot.COOL creates digital companions and devices for PWDs who use insulin or any other kind of temperature sensitive medications. Sixteen million households in the USA store temperature sensitive medication in their refrigerator that have an average value of 30K/year. They all lack a convenient and affordable solution to properly store them, and make sure that they remain effective.

dot.APP is a companion app for injectable medications that gives users information, updates and other important insights relevant for their medications. dot.SENSE is a smart environmental sensor that monitors the temperature of medications on the go, whether on a trip around the world or just spending a day at the beach. It alerts users before their medication reaches a critical temperature and saves them from injecting ineffective medication.

dot.BOX is a connected storage companion for temperature sensitive medications. It provides the same level of security as a pharmacy setup, in the comfort of any home. It eliminates all temperature fluctuations, protects from freezing, and ensures that the medications' temperature remains below 46°F in case of power outage or refrigeration failure. With the integrated remote monitoring capability, users can check on their medications in real-time through the app.



### GLOOKO PRECISION ENGAGEMENT TECH

Glooko is a connected care management solution which allows individuals with chronic conditions like diabetes, and their healthcare professionals to review, analyze and evaluate data from different devices to support an effective treatment program.

Our latest enhancement to the Glooko platform includes the ability to customize the Glooko mobile app experience for users and clinics to improve the health of individuals and clinic populations. Clinics can target specific patient-reported outcomes surveys, like screening questionnaires for social determinants of health, diabetes distress, and others, to the relevant segments of the population for a clinic. Similarly, clinics can target educational content to specific segments of the population. Imagine that a clinic could "recommend" short educational videos to a person with diabetes at the moment when it is most relevant for them to see it. And imagine that these resources could be connected together to form a behavioral intervention program.

Putting these tools together, we see a future where Glooko drives JITAI-powered (just in time adaptive interventions) precision engagement tools. JITAI is the engine behind precision engagement that allows HCPs to create personalized, specific care — the right nudge at the right time of need. JITAI enables better user engagement which in turn benefits the user for more predictive, and personalized care that is scalable anywhere, anytime.





## GO-PEN

GO-Pen ApS is a Danish startup founded in 2019 by two experienced business and medtech professionals, with the purpose of creating equal access to good diabetes care for all. Our vision is that all people with diabetes who need insulin have access to an insulin pen they can afford.

The number of people with diabetes is predicted to rise to 643 million by 2030 and 784 million by 2045. Over 3 in 4 adults with diabetes live in low- and middle-income countries. Globally, around 13 million people living with diabetes don't have access to insulin pens or other technology for their daily injections. Instead, they use disposable syringes. We are trying to change that.

GO-Pen has developed our first product, an affordable and reusable insulin pen that can be filled with Aspart and Lispro insulin from vials, and are on track to submit to the FDA in late 2022. In later stages, we plan to develop affordable pens for use with all insulin types.



## LILLY TEMPO

As a leading insulin manufacturer, Lilly recognizes the complexities of insulin dosing and the importance of accurate and reliable data for healthcare providers. The Tempo™ Personalized Diabetes Management Platform is a forthcoming fully integrated Lilly offering that will combine insulin, diabetes management devices, and app-driven support to deliver personalized guidance for adults with diabetes. The platform will integrate the TempoPen™ and Tempo Smart Button™ with a new version of WellDoc's BlueStar® app to provide adults with diabetes and their healthcare providers with actionable insights to inform clinical decision making. The compatible app is currently pending 510(k) clearance.

Outside of the U.S., Lilly is collaborating with third-party app developers to offer compatibility between their currently available mobile apps and the Tempo Smart Button.



## MEALA

Meala empowers patients and helps them improve their daily self-management via peer support as well as the exchange of experiential knowledge. The Meala app works like 'Tripadvisor for diabetes' — it's a tracking app with community challenges, within which patients can improve their individual management by testing their own skills in realistic settings and exchanging experiential knowledge with others. These challenges will be accompanied by qualitative research to gather data for studies and to support external research.



## ONE DROP – ONE HEALTH SENSOR

The One Health sensor from One Drop is currently in development for continuous glucose monitoring. Designed to be minimally invasive, the sensor offers daily-wear flexibility and will work with the One Drop app to provide data-driven actionable insights for people living with diabetes.

The One Health sensor is an investigational device and limited by federal law to investigational use. Availability will be subject to receipt of clearance or approval by the U.S. Food and Drug Administration (FDA).

One Drop is a precision health company combining continuous diagnostics, predictive analytics and machine learning in an award-winning digital solution to deliver cost-saving outcomes for people living with diabetes and other chronic conditions.

The One Drop Bluetooth glucose meter kit, on-demand testing supplies, and other products and services are currently available for purchase in the One Drop app and at onedrop.today, Walmart, Amazon, BestBuy, the Apple Store, and CVS.



## SMARTSTART HEALTH

Using continuous glucose monitoring (CGM) should be really easy for people with diabetes. But it's not — and current models of CGM user education are not scalable. SmartStart CGM is an education app for CGM users from SmartStart Health. It's designed to be easy to use, engaging, relevant, fun, and beautiful — as well as efficient and cost-effective. Our proof-of-concept study is underway. Starting with people on intensive insulin therapy, SmartStart is on a mission to help people with diabetes have more fun while achieving better health.



## TANDEM T:CONNECT APP – MOBILE BOLUS FEATURE

t:slim X2 insulin pump users bolused more than 1 million times from their smartphones in the first month after Tandem Diabetes Care updated the t:connect mobile app, giving users the freedom to bolus from iOS or Android devices without needing to interact with their pump. With less required interaction, users cite increased flexibility and options when choosing where to wear their pump. Learn more about this feature that at the time of this presentation has delivered over 3 million boluses and is available on more than 25 smartphones.



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