



## **Education and Insights Seminar**

**February 3-4, 2025**

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## Keynote Speakers

### David G. Armstrong, DPM, MD, PhD



- Professor, Departments of Surgery and Neurological Surgery, Keck School of Medicine of University of Southern California (USC)
- Honorary Professor, Cardiff University, United Kingdom
- Senior Scholar, Leonard D. Schaeffer Center for Health Policy and Economics, USC
- Director, USC Limb Preservation Program
- Founder and Director, Southwestern Academic Limb Salvage Alliance (SALSA)
- Director, USC Center to Stream Healthcare in Place (C2SHiP)



Dr. David Armstrong is Professor of Surgery and Neurological Surgery with Tenure at the University of Southern California. He holds a Master of Science in Tissue Repair and Wound Healing from the University of Wales College of Medicine and a PhD from the University of Manchester College of Medicine, where he was appointed Visiting Professor of Medicine. He is also founder and co-Director of the Southwestern Academic Limb Salvage Alliance (SALSA).

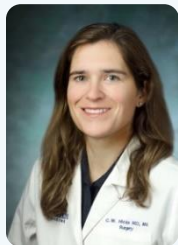
Dr. Armstrong has produced more than 700 peer-reviewed research papers in dozens of scholarly medical journals as well as over 120 books or book chapters. He is founding co- Editor of the American Diabetes Association's (ADA) Clinical Care of the Diabetic Foot, now in its fourth edition.

Dr. Armstrong is Director of USC's National Science Foundation (NSF) funded Center to Stream Healthcare in Place (C2SHiP) which places him at the nexus of the merger of consumer electronics, wearables, and medical devices in an effort to maximize hospital-free and activity-rich days.

### Caitlin W. Hicks MD, MS, FACS, DFSVS



- Associate Professor of Surgery, Division of Vascular Surgery and Endovascular Therapy
- Associate Fellowship Program Director, Vascular Surgery Fellowship
- Director of Research, Multidisciplinary Diabetic Foot & Wound Clinic
- Director, Johns Hopkins Department of Surgery Outcomes Research
- Johns Hopkins Hospital
- Vice Chair of Research, Department of Surgery, Johns Hopkins



Dr. Caitlin Hicks is an Associate Professor of Surgery in the Division of Vascular Surgery at Johns Hopkins University School of Medicine. She is the Associate Fellowship Director for the Johns Hopkins Vascular Surgery Fellowship and the Director of Research for the Johns Hopkins Diabetic Foot and Wound Clinic. Dr. Hicks is also the Director of the Johns Hopkins Department of Surgery Center for Outcomes Research, and the Vice Chair of Research for the Johns Hopkins Department of Surgery.

Her clinical practice focuses on carotid disease, open and endovascular aortic surgery, and complex limb salvage. Her research interests include the epidemiology of lower extremity disease and value-based care in vascular surgery. The overarching goal of her work is to better define patients who will benefit from vascular interventions, and to optimize patient care and improve overall patient outcomes.

Dr. Hicks has a K23 research award from the National Institute of Diabetes and Digestive and Kidney Diseases to study lower extremity disease in adults with diabetes, an R03 award from NIDDK, and career development grants from the American College of Surgery and the Society for Vascular Surgery. She is also the Principal Investigator (PI) or site PI of 11 ongoing clinical trials related to vascular surgery. Dr. Hicks is the Editor-in-Chief of the journal SURGERY, and currently serves as the Editor-in-Chief of Seminars in Vascular Surgery, an Associate Editor of Annals of Vascular Surgery, and as an editorial board member of the Journal of Vascular Surgery and Annals of Surgery. She has published more than 290 peer-reviewed publications to date and currently holds an H-index of 48.

## Speakers and attendees

### Sunghwan (Sung) Byun, DPM



- Podiatric Foot & Ankle Surgeon, Portland Veteran Health Care Medical Center
- Board Director, Federal Service Podiatric Medical Service
- Team Leader, Oregon Bethel Community Medical Mission Outreach Program



Dr. Sunghwan (Sung) Byun is a board-certified podiatric surgeon with expertise in amputation prevention. He earned his Doctor of Podiatric Medicine degree from Temple University and completed his residency at Virtua Health System. Dr. Byun also holds a Certificate of Added Qualification in Amputation Prevention and has completed fellowships at both St. Luke's Hospital and the Southern Arizona Limb Salvage Alliance.

Dr. Byun has extensive clinical experience, having worked in diverse settings including the Portland Veterans Health Care Medical Center and various hospitals in Florida and Oregon. He is actively involved in leadership roles, including as a board director for the Federal Service Podiatric Medical Service and as a team leader for the Oregon Bethel Community Medical Mission Outreach Program.

As a researcher, Dr. Byun has focused on diabetic foot reconstructive surgery and limb salvage techniques, and he has presented at major conferences like the Toe and Flow Conference and Podiatry Institute Conference. He is also passionate about giving back, with volunteer work in El Salvador and Honduras.

### James Chadburn, DPM, CWSP, FAPWCA, FACPM



- Diplomate, American Board of Wound Management, VA Texas Valley Coastal Bend Health Care System, Ambulatory Surgery and Specialty Clinics
- Clinical Assistant Professor, Department of Surgery, University of Texas Rio Grande Valley



Dr. James Chadburn is a Foot and Ankle Specialist who specializes in wound care and lower extremity amputation prevention. His approach emphasizes patient education, evidence-based treatments, and personalized care to improve mobility and quality of life. After earning his Doctor of Podiatric Medicine (DPM) degree from Des Moines University, Dr. Chadburn completed his surgical residency training at East Jefferson General Hospital, where he gained extensive experience in podiatric surgery and lower extremity wound management. Dr. Chadburn is board-certified by the American Board of Wound Management and maintains active involvement in professional organizations such as the American Professional Wound Healing Association and the American College of Podiatric Medicine.

In addition to his clinical practice, Dr. Chadburn is passionate about mentoring and serves as a Clinical Assistant Professor at the University of Texas, RGV School of Podiatric Medicine. He is honored to work alongside dedicated healthcare professionals to enhance the quality of life for veterans and their families.

### Daniel T. Ferreras, DPM, FAPWCA, AAWC

Chief Podiatrist, Carl Vinson VA Center



Dr. Daniel Ferreras is the Chief Podiatrist at the Carl Vinson VA Medical Centre in Dublin, GA. He was medically and surgically trained at the New York College of Podiatry Medicine in NYC. His team helps deliver excellence in healthcare by providing the latest in advanced technologies in wound healing and podiatry to military veterans. As a former airman of the U.S. Air Force, Dr. Ferreras served honorably for 10 years with combat duty in the 1st Persian Gulf War (1990-1991). His love for medicine and his commitment to his fellow veterans help Dr. Ferreras make a difference in their lives.

As a Fellow of the American Professional Wound Care Association (FAPWCA), member of the Association for the Advancement of Wound Care (AAWC), and open-minded to future innovations in technology. Dr. Ferreras helped establish and launch a first-of-its kind Wound Healing Center of Excellence at the Alexandria VA Healthcare System (2013-2016) - a milestone in his VA career. Dr. Ferreras' current efforts focus on establishing a similar level of excellence and access to advanced Podiatry and wound healing technologies in the rural setting of Central Georgia.

Aside from his career, Dr. Ferreras loves music, wine, history, old leather bound books, and has an affinity for cooking.

### Jeffrey Gewirtz, DPM, DABFAS



- Chief Medical Officer, Curalta Foot and Ankle
- Onsite Associate Residency Director, Surgicare of Oradell
- Podiatrist, The Valley Hospital and Hackensack University Medical Center at Pascack Valley



Dr. Jeffrey Gewirtz is currently serving as the Chief Medical Officer of Curalta Health. Dr. Gewirtz received his Doctor of Podiatric Medicine in 2001 after graduating from the New York College of Podiatric Medicine. He was inducted as a member of the Pi Delta national honor society upon graduation. His post-doctoral training was done at NYU Downtown Hospital, now called NY Presbyterian Lower Manhattan, where he completed a 3-year surgical residency. He served as Chief Surgical Resident for which he received an award for his leadership. In addition to his medical and surgical training at NYU Downtown Hospital, Dr. Gewirtz did extensive training at the Diabetic Foot and Ankle Center at The Hospital for Joint Diseases. Here, he trained extensively in diabetic wound care and limb salvage using advanced techniques. He received his B.A. from the University of Rochester in 1997. Dr. Gewirtz maintains appointments at The Valley Hospital, HUMC at Pascack Valley, Hackensack University Medical Center and Surgicare of Oradell, where he serves as onsite associate residency director. Previously he was on staff at Beth Israel Medical Center where he was the Associate Residency Director. He is board certified by the American Board of Foot and Ankle Surgery, and a Fellow of the American College of Foot and Ankle Surgeons. He is currently a member of the American Podiatric Medical Association and the New Jersey State Podiatric Medical Society.

Dr. Gewirtz is trained in some of the most advanced medical procedures available today. He performs and trains others on Tenex for tendinitis and fasciitis, platelet-rich plasma, laser treatments, arthroscopy for minimally invasive ankle and foot injuries as well as advanced training in new surgical techniques and fixation devices and wound grafting of skin substitutes. He routinely attends conferences and workshops to stay up to date on current medical trends and reads journals to stay on top of new science and treatments. Dr. Gewirtz has given lectures at New York Presbyterian Hospital, NYU, and Beth Israel Medical Center in the past on topics ranging from general foot care to diabetes. He treats patients of all ages including infants as well as seniors who are housebound.

He is a resident of River Edge, where he enjoys an active lifestyle and spending time with his two daughters and wife, and dog. His hobbies include bike riding and working on his cars and reading in his spare time.

### Vincent Giacalone, DPM



- Co-Founder and Director of Research and Clinical Trials, Curalta Clinical Trials
- Podiatrist, Hackensack University Medical Center, Pascack Valley Medical Center, Pascack Valley Wound Care Center and Surgicare of Oradell



Dr. Vincent Giacalone has been in practice in northern New Jersey for over 34 years in the conservative and surgical management of various foot and ankle conditions. He specializes in the prevention and treatment of diabetes related lower extremity complications. During this time, he has authored numerous medical articles and papers as well as textbook chapters, been a consultant to the medical and healthcare industry, conducted clinical trial research and lectured nationally on various diabetic foot and ankle related topics. He is a graduate of the New York College of Podiatric Medicine and completed a multi-year podiatric surgical residency at the University of Texas Health Science Center in San Antonio, where he served as chief resident.

Dr. Giacalone is double board certified by the American Board of Foot and Ankle Surgeons as well as the American Board of Podiatric Orthopedics and Medicine and is a Fellow of the American College of Foot and Ankle Surgeons. He is on staff at Hackensack University Medical Center, Pascack Valley Medical Center, Pascack Valley Wound Care Center and Surgicare of Oradell.

Dr. Giacalone is a founding member of Curalta Foot and Ankle, the largest and fastest growing single specialty podiatry practice in the northeast. Currently, Dr. Giacalone is the director of research and clinical trials for Curalta, where he dedicates his full-time efforts.

### **KaNesha Gillyard, DPM, FACFAS, FACPM, FFPM RCPS(Glasg)**

Podiatric Surgeon, Olin E. Teague Veterans' Medical Center



Dr. KaNesha Gillyard is double board certified by the American Board of Foot and Ankle Surgery and the American Board of Podiatric Medicine with a certificate of additional qualification in Podiatric Surgery. As a staff podiatric surgeon at the Central Texas VA Medical Center in Temple, Texas, her practice remains focused on diabetic limb salvage, wound care, and her special interest in minimally invasive foot and ankle surgery. She is a Fellow, American College of Foot & Ankle Surgery; Fellow, American College of Podiatric Medicine; Fellow, Faculty of Podiatric Medicine, Royal College of Physicians and Surgeons of Glasgow; Diplomate, American Board of Foot & Ankle Surgery; Diplomate, American Board of Podiatric Medicine; Member, American Podiatric Medical Association; and Member, Texas Podiatric Medical Association.

Dr. Gillyard is married and enjoys biking, reading, writing poetry, drawing cartoons, hiking, and exploring the US national parks.

### **Robert D. Phillips, DPM**



- Associate Editor for Biomechanics, Journal of the American Podiatric Medical Association
- Lecturer, Department of Veterans Affairs, Orlando, Florida
- Diplomate, American Board of Foot and Ankle Surgery and American Board of Podiatric Medicine



As a graduate of the California College of Podiatric Medicine in 1979, Dr. Phillips spent the first 5 years practicing as a preceptor and then partner, with his father, Robert L. Phillips in Great Falls, Montana. He had spent part of his career in developing a goniometer to improve range of motion measurements for lower extremity joints. Dr. Phillips then moved on to private practice in Vernal, Utah for 3 years. In those first 8 years, he published two major articles on biomechanics, one on the change in the forefoot to rearfoot relationship as the foot moves from supination to pronation and the other on finding the direction cosines of the subtalar joint axis. In 1987 he was recruited to join the faculty at Des Moines University, where he took over coordination of both biomechanics courses and research. One of the highlights was the publication of a Stickel Award winning paper in 1992: *Determination of the Linear Equation of the Subtalar Joint Axis*. In 1996, he left the tenured position as full professor, and spent a year in the southwest United States, spending a great amount of time at the Fort Defiance Indian Hospital. It was here that his exposure to diabetic foot problems was markedly increased. In 1997, he joined the VA first in Coatesville, Pennsylvania, and then at the Orlando VA hospital. Dr. Phillips retired from clinical practice in 2020.

Dr. Phillips is a diplomate of the American Board of Foot and Ankle Surgery and of the American Board of Podiatric Medicine. He was a clinical professor at the University of Central Florida Medical school as well as residency director.

Since his retirement, he has maintained a volunteer position in the department of education for the VA, giving an average of 20 lectures per year on all aspects of biomechanics. He has also been associate editor for biomechanics for the Journal of the American Podiatric Medical Association since 2017.

## **Orpyx speakers and attendees**

### **Breanne Everett, MD, MBA**

Chief Executive Officer and President / Co-Founder



Dr. Breanne Everett is the CEO and co-Founder of Orpyx and a medical doctor with residency training in plastic and reconstructive surgery from the University of Calgary. Driven by the impact of diabetic foot complications on both patients and healthcare systems, she founded Orpyx, a leading med tech + touch company dedicated to transforming diabetic limb management. Through its ground-breaking Orpyx Sensory Insole system, Orpyx is revolutionizing the prevention of diabetic foot ulcers and amputations.

For her innovative work at Orpyx, Dr. Everett has received multiple accolades, including the Governor General's Innovation Award, the Alberta Business Hall of Fame - Southern Alberta Innovator Award, the Alberta Women Entrepreneur Upsurge Entrepreneur Award, and the Calgary Award in Commerce. She has been recognized as one of Avenue Magazine's Top 40 Under 40, one of Canada's Top 100 Most Powerful Women, and the University of Calgary's Graduate of the Last Decade. Additionally, Dr. Everett is a Loran National Scholar and actively participates in the Loran Alumni Community. She serves on the Canadian Medical Association's Joule Innovation Council and the Governor General Innovation Award Selections Committee.

Dr. Everett's pride and joy is her family, and when she is not working, she loves spending time with her husband, their two sons, and their extended families.

**Gayle Bashe**  
National Sales Manager



Gayle Bashe is a seasoned sales professional with over 25 years of experience in operating room products, wound care, and medical devices. She has achieved success with major Fortune 100 companies, though she prefers the fast-paced environment of startups. Since joining Orpyx in September 2019 as an Account Manager based in Orange County, CA, Gayle has advanced to the role of National Sales Manager, West. She is known for her results-oriented approach, exceptional problem-solving skills, and creative strategy development. Gayle excels at rapport-building and mentoring her sales team. Passionate about supporting Veterans, she is excited about Orpyx's potential to significantly impact amputation prevention for this community.

**Emily Bray, MBA**  
Director, Clinical Affairs



Emily Bray is the Director, Clinical Affairs of Orpyx, overseeing the company's clinical research portfolio, including the facilitation and management of external research collaborations. Bringing over 10 years of clinical research experience in the medical device and biotechnology sectors, Emily holds a BSc in Biology and an MBA. She has led large-scale clinical studies in digital health, medical devices, and pharmaceuticals, with experience across a variety of disease indications. Emily is passionate about digital health and wellness, with a particular focus on advancing research in diabetes care. Emily is based in San Francisco and spends her free time hiking, skiing, and traveling, always seeking new adventures.

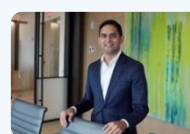
**Peter Calverley, MBA, CPA, CMA, ICD.D**  
Board Chairperson



Peter joined the Orpyx Board of Directors as Chairperson in 2021, bringing extensive business experience primarily from Silicon Valley technology companies. Since the late 1990's, he has served as CFO or COO for a number of venture and corporate-backed firms, including CFO of Tela Innovations, Inc., a leader in intellectual property for next-generation semiconductor design and manufacturing. Peter has also held management positions with renowned companies including Cadence Design Systems, UB Networks, ROLM, and Atari.

In addition to Orpyx, he serves as Chairperson for ThinkOn, Inc., a leading Canadian managed services data center company and as Chair for the not-for-profit initiative Biohubx in Calgary. He is also a dedicated mentor to Canadian technology entrepreneurs through his work with the C100 organization in Silicon Valley and the A100 organization in Alberta.

**Sam Chawla, MBA**  
Board Director



Joining the Orpyx Board of Directors in 2024, Sam has over 24 years of experience in healthcare corporate finance and is a member of the investment committee for the credit opportunities funds at Perceptive. Prior to joining Perceptive in 2013, he was Managing Director in the Global Healthcare Group at UBS Investment Bank. Sam has in-depth experience in M&A advisory, underwriting debt and equity financings across healthcare. He graduated from Johns Hopkins University with a BA in Economics and from Georgetown University with an MBA.

**Tyler Fraser**  
Director, Content Marketing



Tyler began his career in independent film and video before transitioning to advertising as a copywriter. After working with several agencies, he joined Orpyx in 2020, where he remains inspired by the remarkable team of engineers, doctors, and support staff dedicated to improving the lives of people with diabetes.

**Maryam Hajizadeh, PhD**  
Biomechanist, Data Science



Dr. Maryam Hajizadeh is currently working as Biomechanist at Orpyx. Her research experiences are algorithm development to enhance the applicability of wearable devices and lower body biomechanics. With a background in mechanical engineering, she earned her PhD in Biomedical Engineering from the University of Montreal. She then worked as post-doctoral fellowship at University of Ottawa before joining Orpyx. She has supported multiple industrial projects to analyse human biomechanics using sensor-based data and enhance the performance of assistive tools such as foot orthoses and knee braces (Medicus, Shapeshift 3D, Tekscan).

**Justine Jones, MBA**  
Senior Vice President, Commercialization



Justine Jones joined Orpyx in December 2021 and is responsible for developing and driving the growth strategy to support the company's digital health platform and commercialization for the Orpyx Sensory Insole system. Justine brings with her an impressive 20-year career in Business Development focused on achieving exceptional results in high-paced, dynamic business environments. She has a proven track record for developing new business regions, executing transformational change, and building strong partnerships with strategic partners to maintain long-term success. With a diverse background working across multiple industries, Justine has held Business Development roles with leading financial services, oil and gas, and personal care and hygiene companies.

Justine holds an MBA from the University of Calgary. She also sits on the Board of Directors of the Calgary Allied Arts Foundation, responsible for stewardship for the Civic Art Collection.

**Rosalie Kolstad**  
Chief of Staff



Rosalie joined Orpyx in 2021, bringing expertise in leadership, operations, and strategic execution. She plays a vital role in enhancing organizational efficiency and advancing executive priorities. With a diverse background in higher education, government, and research innovation, she excels at managing complex projects and fostering cross-functional collaboration.

**Emily Matijevich, PhD**  
Director of Biometrics and Applied Research



Dr. Emily Matijevich is the Director of Biometrics and Applied Research at Orpyx. Her research experience is in wearable sensor algorithm development, assistive technologies, and multi-scale biomechanics. She is passionate about creating data-driven tools and knowledge that promote human movement. Emily has supported multiple industries to harness sensor-based technologies to analyze and enhance human biomechanics (CCM Hockey, Brooks Running, Li-Ning, Dr. Scholl's). Emily completed a BS in Bioengineering at University of Illinois Urbana-Champaign, a PhD in Mechanical Engineering at Vanderbilt University, and a post-doctoral fellowship in the Faculty of Kinesiology at University of Calgary under the supervision of Dr. Benno Nigg. In her free time, Emily enjoys teaching yoga, adventuring in the Canadian Rockies, or helping on her partner's farm.

**Sean McMillen**  
National Sales Manager



As a National Sales Manager for Orpyx, Sean oversees the Eastern United States. With over 25 years of experience in professional sales and sales management, Sean has built a career specializing in Podiatry, Advanced Wound Healing, and Burn Care. Since joining Orpyx in 2019, Sean has played a pivotal role in driving the adoption of innovative technologies designed to improve patient outcomes. Before Orpyx, he served as the National Sales Manager of Long-Term Care at Advanced Tissue, a leading wound care-focused DME provider. Sean's career also includes nearly a decade at Hollister Wound Care, where he held multiple roles, including Regional Sales Manager for the Southeast, leading a high-performing team. Earlier in his career, Sean honed his sales expertise as a Sales Specialist at HealthPoint Biotherapeutics (Smith & Nephew), HealthPoint Surgical, and Integrated Medical Systems (Steris Corp). With a proven track record of leadership, team development, and sales success, Sean continues to make an impact in the healthcare industry.

### **Evan Minty, MD, MSc**



- Medical Director, Orpyx
- Clinical Assistant Professor, Department of Medicine, University of Calgary
- General Internist, Foothills Medical Center



Dr. Evan Minty is a Clinical Assistant Professor of Medicine at the University of Calgary and a practicing General Internist at the Foothills Medical Center.

He holds a Master of Science in Physics from the University of Alberta and a Master of Science in Biomedical Informatics from Stanford University, which provides him with a strong foundation in data science. His research focuses on observational health data analysis, including insights derived from claims datasets and electronic medical records.

As Medical Director at Orpyx, he integrates his expertise in data science with a passion for wearable medical technology. His clinical background offers valuable perspective on diabetic foot health and its broader impact on the healthspan of individuals living with diabetes.

### **Harriett Segrest**

Account Executive, Clinical Solutions



With over 15 years of experience in healthcare, Harriett specializes in Epic EHR implementations, having contributed extensively to advancements at UCLA Health. Transitioning into sales, she now focuses on bringing cutting-edge technologies and programs to market that make a tangible difference—particularly those aimed at supporting Veterans and preventing diabetic limb loss. Her passion lies in aligning innovative solutions with meaningful outcomes to improve lives.

### **Karen Smith**

Vice President, Marketing



Karen Smith joined Orpyx in April 2019 as Vice President of Marketing, where she leads launch and reimbursement efforts for the company's industry-leading plantar pressure products and sensory insoles, with a strong focus on North American marketing strategy and commercialization. With over 25 years of experience in medical device marketing, Karen has worked with organizations ranging from startups to divisions of global market leaders including KCI/3M and Hollister Incorporated. She has a proven track record of developing and executing innovative brand and launch strategies that

drive growth in competitive markets, including digital health, negative pressure wound therapy, advanced surgical dressings, labor & delivery, and neonatal intensive care. Karen is deeply committed to improving the healthspan of people at risk of diabetic foot ulcers through proactive prevention strategies.