

Curriculum Vitae

AMANDA L. KILLEEN
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Personal Information

Place of Birth Winnipeg, Manitoba, Canada
Citizenship USA (2012)

Education

2016	DPM	Podiatric Medicine	Barry University
2011	Post-Baccalaureate	Biology/Social Sciences	Southern Utah University
2009	BS	Biology	Utah Tech University

Postdoctoral Training

2020-2022	Fellowship	Diabetic Limb Salvage (Research)	University of Texas Southwestern
2019-2020	Fellowship	Diabetic Limb Salvage (Clinical)	University of Texas Southwestern
2016-2019	Residency	Podiatric Medicine and Surgery	Southern Arizona VA Health Care

Current Licensure

Texas - #2383

Boards and Other Certifications

American Board of Podiatric Medicine, Board Certified
American Board of Wound Management, Certified Wound Specialist Physician
American College of Podiatric Medicine, Fellow
American Society of Podiatric Surgeons, Fellow

Honors and Awards

1. **2nd place manuscript, Texas Podiatric Medical Association 2022**, Rare Case of Fifth Digit Osteomyelitis Caused by *Achromobacter xylosoxidans*: A case report and review of the literature
2. **1st place abstract, American Podiatric Medical Association 2022**, Prevalence of Monckeberg Medial Calcific Sclerosis in Patients with and without Diabetes Hospitalized for Foot Infection
3. **Wound Care Podiatrist Scholarship 2022, American Podiatric Medical Association and Symposium on Advanced Wound Care**. Given yearly to one podiatrist with focus on patient care and research to improve outcomes for patients with wounds. Awarded in the inaugural “Difference Maker” session.
4. **1st place manuscript, Texas Podiatric Medical Association 2021**, No Difference in Clinical Outcomes for Soft Tissue or Bone Infection or Excised or Residual Bone Infection
5. **2nd place manuscript, Texas Podiatric Medical Association 2021**, Foot Abscesses Without Accompanying Wounds: Clinical Presentation and Pathogens
6. **3rd place manuscript, Texas Podiatric Medical Association 2021**, One Year Clinical Outcomes of Foot Infections Requiring Hospitalization in Patients with and Without Diabetes
7. **2nd place abstract, Texas Podiatric Medical Association 2021**, Post-Operative Outcomes with iNPWT in Transmetatarsal Amputation: A retrospective comparative review of 50 patients
8. **Focus on Fellows, American Diabetes Association 2021**. One of only two podiatrists selected for the annual program.
9. **Honorable mention manuscript, American College of Foot and Ankle Surgeons 2021**. The Effect of Negative Pressure Wound Therapy with and without Installation on the Total Microbial Load of Infected Diabetic Foot Ulcers Undergoing Surgical Intervention

10. **Highest scoring abstract, 2nd place podium presentation, Symposium on Advanced Wound Care 2020.** Hyperspectral Imaging Assessment of Tissue Oxygen Saturation Levels Following Amniotic Membrane Application
11. **Harold L. Johnson Memorial Scholarship, American Board of Wound Management 2020.** Awarded to applicants with a history of volunteerism to cover exam fees
12. **1st place manuscript, Texas Podiatric Medical Association 2020.** Does the Method of Intra-Operative Irrigation Change Quantitative Bacterial Cultures in Patients with Moderate to Severe Foot Infections? A Prospective Analysis of 240 Patients
13. **3rd place manuscript, Texas Podiatric Medical Association 2020.** *Appropriate Medical Management to Prevent Recurrent Chronic Regional Pain Syndrome Due to Tibialis Anterior Rupture in an Immunosuppressed Transplant Patient*
14. **1st place abstract, Symposium on Advanced Wound Care 2017.** Remote Temperature Monitoring in Diabetic Foot Ulcer Detection: A Case Series
15. **Radiology award, Barry University School of Podiatric Medicine 2016**

Faculty Academic Appointments

2022-present	Assistant Professor Department of Plastic Surgery, University of Texas Southwestern
2020-2022	Clinical Assistant Instructor Department of Plastic Surgery, University of Texas Southwestern

Professional Societies

2022-present	American Limb Preservation Society
2021-present	American Diabetes Association
2020-present	Diabetic Foot Study Group
2019-present	Texas Podiatric Medical Association
2018-present	Association for the Advancement of Wound Care
2016-present	American Podiatric Medical Association
2016-2019	Arizona Podiatric Medical Association

Editorial Activities

Ad Hoc Reviewer

2022-present	Chronic Wound Care Management and Research
2021-present	BMJ Open Diabetes Research and Care
2021-present	Journal of Wound Care
2021-present	Journal of Foot and Ankle Surgery
2020-present	Abstract Reviewer, Symposium on Advanced Wound Care
2020-present	Advances in Skin and Wound Care
2019-present	Journal of the American Podiatric Medical Association

Grant-Supported Projects

Ongoing

- **American College of Foot and Ankle Surgeons**
 - *Dual RNA sequencing approach to explore the host-microbe metatranscriptome associated with diabetes-related foot infections*
 - Co-investigator
 - 1/15/2023-12/31/2023
 - \$72,396
- **Xyken, LLC**
 - 1R44AG06779-01A1
 - *Wound Management through Quantitative Documentation and Prediction*
 - Co-investigator

- Phase II: 8/31/2021-ongoing
- \$119,828
- **National Institutes of Health**
 - R21 AG061471-01A1
 - *Pressure Alternating Shoes for Prevention of Diabetic Foot Ulcers*
 - Co-investigator
 - 9/15/2019-5-31/2021 (extended)
 - \$99,752

Completed

- **Xyken, LLC**
 - *Wound Management Through Quantitative Documentation and Prediction*
 - Co-investigator
 - Phase I: 9/15/2020-8/31/2021
 - \$8,687
- **American Diabetes Association**
 - *Osteomyelitis: Evaluating SPECT-CT and Bone Biopsy*
 - Co-investigator
 - 8/2017-6/2020
 - \$600,000
- **American Diabetes Association**
 - *Negative Pressure Wound Therapy as a Drug Delivery System*
 - Co-investigator
 - 1/2014-1/2016 (extended)
 - \$595,878.25
- **National Institutes of Health (NIDDK)**
 - R01 DK74483-01A1
 - *Instant Total Contact Cast to Heal Diabetic Foot Ulcers*
 - Co-investigator
 - 4/2007-3/2014 (extended)
 - \$2,965,766
- **National Institutes of Health (NIDDK)**
 - R01 DK070046-01A2
 - *Therapeutic Stockings to Prevent Foot Ulcers*
 - Co-investigator
 - 4/2007-3/2014 (extended)
 - \$1,514,366

Industry-Supported Projects

Ongoing

- **3M**
 - *A post-market, multicenter, prospective, single-arm study evaluating safety and performance of the Veraflo Cleanse Choice Complete Dressing*
 - Principal investigator
 - May 2023
 - \$133,925
- **Biocomposites, Ltd**
 - *A multi-center, randomized, controlled, feasibility trial of Stimulan-VG and debridement with an abbreviated course of systemic antibiotics do debridement and full course of systemic antibiotics for the treatment of diabetic foot osteomyelitis of the forefoot*
 - Co-investigator
 - 1/01/2023-01/01/2024

- \$226,724
- **Integra LifeSciences**
 - *Investigation into the Genomic Mechanism of Action of Wound Healing with Adjunctive AmnioExcel*
 - Co-investigator
 - 1/2022-01/2023
 - \$99,671
- **Tissue Tech Registry**
 - *A Registry Study for Subjects who Participated in AMBULATE DFU and AMBULATE DFU II*
 - Co-investigator
 - 4/2022-6/2024
 - \$61,488
- **PolarityTE**
 - *Multi-Center, Prospective, Randomized Controlled Trial Evaluating SkinTE in the Treatment of Wagner 2 DFUs*
 - Co-investigator
 - 6/2022-6/2023
 - \$96,023
- **Microbion**
 - *A Randomized, Open Label, Controlled, Phase 2 Study to Assess Safety, Tolerability, and Efficacy of Adjunctive Treatment with Topically Applied MBN-101 in Hospitalized Patients with Moderate to Severe Diabetic Foot Infections (DFI)*
 - Co-investigator
 - 4/2022-5/2023
 - \$1,201,280.73
- **AstraZeneca**
 - *Study to evaluate bacterial activity that drives the progression of clinical infection*
 - Co-investigator
 - 6/2018-10/2023
 - \$250,736
- **Smith + Nephew**
 - *Prospective, randomized, single-center study to compare clinical outcomes between cryopreserved and lyopreserved Stravix as an adjunct to NPWT in the treatment of complex wounds*
 - Co-investigator
 - 5/2020-6/2023
 - \$254,170
- **Tissue Tech**
 - *A multicenter phase 3 confirmatory trial of biotherapy using cryopreserved human umbilical cord (TTAX01) for late stage, complex non-healing diabetic foot ulcers (AMBULATE DFU II)*
 - Co-investigator
 - 4/2021-6/2023
 - \$557,126
- **Celliant**
 - *Study to evaluate Celliant diabetic medical socks to increase tissue oxygenation and incidence of complete wound closure in diabetic foot wounds*
 - Co-investigator
 - 6/2021-12/2023
 - \$2,358,493

Completed

- **Integra Lifesciences**

- *A prospective, multi-center, randomized, controlled, parallel group trial evaluating the use of AmnioExcel Plus placental allograft membrane for the management of diabetic foot ulcer*
- Co-investigator
- 9/2021-10/2022
- \$239,922
- **Integra Lifesciences**
 - *Prospective, multi-center, randomized, controlled trial evaluating the use of PriMatrix Dermal Repair Scaffold for the management of diabetic foot ulcers*
 - Co-investigator
 - 12/2019-12/2022
 - \$144,600
- **Pluristem**
 - *Evaluating an Investigational Drug for use in Patients with Critical Limb Ischemia (CLI) with Minor Tissue Loss who are Unsuitable for Revascularization*
 - Co-investigator
 - 3/2018-4/2021
 - \$132,551.88
- **Avazzia**
 - *Study to evaluate the Tennant Biomodulator® PRO device designed by AVAZZIA effects on perfusion*
 - Co-investigator
 - 9/2018-9/2020
 - \$59,650
- **Osiris Therapeutics**
 - *GrafixPL PRIME Evaluation Case Study*
 - Co-investigator
 - 11/2018-11/2020
 - \$49,952
- **Cardinal Health**
 - *A Pilot Study to Compare the Efficacy of NPWT PRO versus KCI Ultra NPWT and to Compare NPWT PRO versus NPWT PRO with Simultaneous Irrigation on Wound Healing*
 - Co-investigator
 - 5/2015-5/2018 (extended)
 - \$508,780
- **EO2 Concepts, Inc.**
 - *Continuous Diffusion of Oxygen (CDO) Treatment for Healing of Diabetic Foot Ulcers*
 - Co-investigator
 - 3/2015-2/2021
 - \$111,000

Faculty Initiated Projects

Ongoing

- *A retrospective study to evaluate positivity rates of fungal and acid-fast bacillus (AFB) cultures from diabetic foot infections*
 - Principle investigator
- *A retrospective study to compare patient outcomes with use of skin substitutes*
 - Co-investigator
- *UT Southwestern Diabetic Foot Ulcers (DFU) and Osteomyelitis (DFO) Recruitment Database, Data, and Tissue Repository*
 - Co-investigator
- *Non-Invasive Testing to Evaluate Wound Healing in Diabetes*
 - Co-investigator

- Risk factors and outcomes of diabetic foot pathologies
 - Co-investigator
- The effect of implementing a limb loss prevention program on amputation rates
 - Co-investigator

Industry-Supported Pre-Clinical Projects

- **Irrimax Corp**
 - Study to Evaluate the use of Irrisept as an Instillation Fluid with Powered Irrigation in Negative Pressure Wound Therapy with Instillation and Dwell Time in an Infected Porcine Model
 - Co-investigator
 - May 2023
 - \$154,496.77
- **Jarvis III**
 - Pilot Study to Evaluate the Effect of Intermittent Negative Pressure Wound Therapy with Supplemental O₂ on Porcine Wound Healing
 - Co-investigator
 - May 2022 May 2023
 - \$86,879

Teaching Activities

Year	Activity	
Diabetic Limb Salvage Journal Club (2020-present) Responsible for choosing published articles to teach research principles and facilitating critical appraisal discussions with faculty and fellows at weekly academic meetings.		
Getting Your Feet Under Research Monthly lectures on research foundations leading fellows in developing their own projects from drawing board to data collection and analysis, and abstract to full manuscript.		
September 2022	<i>Comparing Proportions and Odds Ratios</i>	UTSW DLS Academics
August 2022	<i>The Research Around You: Ongoing and Upcoming Projects</i>	UTSW DLS Academics
August 2022	<i>How to Critically Evaluate a Journal Article</i>	UTSW DLS Academics
July 2022	<i>Standard Practice: How we treat our patients</i>	UTSW DLS Academics
April 2022	<i>Randomized Surgery: A Cast versus a Cut</i>	UTSW-UTHSCSA
February 2022	<i>Make or Break: Operational Definitions</i>	UTSW-UTHSCSA
January 2022	<i>Introduction to Research and How to Read a Paper</i>	UTSW-UTHSCSA
September 2021	<i>What are the Odds? Intro to Odds Ratios (4.5/5)</i>	UTSW DLS Academics
August 2021	<i>Planning Your Research Project and Presentation</i>	UTSW DLS Academics
July 2021	<i>How to Search for Medical Evidence</i>	UTSW DLS Academics
July 2021	<i>Current Research Studies</i>	UTSW DLS Academics
May 2021	<i>Data Analysis: Comparing Continuous Variables</i>	UTSW DLS Academics
March 2021	<i>Data Analysis: Comparing Proportions and Odds Ratios</i>	UTSW DLS Academics
January 2021	<i>What is a P Value?</i>	UTSW DLS Academics
November 2020	<i>How to Present Your Research</i>	UTSW DLS Academics
October 2020	<i>Use of Hyperspectral Imaging in Wound Healing.</i>	UTSW DLS Academics
September 2020	<i>Irrigation Techniques for Infected Surgical Wounds</i>	UTSW DLS Academics

February 2020	<i>Intro to Odds Ratios</i>	UTSW DLS Academics
Resident Lectures		
January 2022	<i>Research and Fellowships in Podiatry</i>	American Association for Women Podiatrists
May 2019	<i>Case Review: Biopsy Techniques for Differing Pathologies</i>	Southern Arizona Veterans Affairs Health Care System (SAVAHCS) Journal Club
February 2019	<i>Skin Biopsy Indications</i>	SAVAHCS Journal Club
November 2019	<i>Non-Standard Heel Pain</i>	SAVAHCS Journal Club
July 2018	<i>Basics of Wound Healing and Suture Selection</i>	SAVAHCS Journal Club
May 2018	<i>Frozen Section Relevance</i>	SAVAHCS Journal Club
February 2018	<i>Dermatology and Biopsy Techniques</i>	SAVAHCS Journal Club
November 2017	<i>Heel pain: diagnosis and management</i>	SAVAHCS Journal Club
May 2017	<i>Achilles Tendon Disorders</i>	SAVAHCS Journal Club
January 2017	<i>Surgical Complications</i>	SAVAHCS Journal Club
September 2016	<i>Special Studies – MRI, CT, Bone Scan</i>	SAVAHCS Journal Club

Year	Activity	
Diabetic Foot for Engineers (2022-present)		
Organizer and moderator of twice-monthly lecture series to engineering collaborators at UT Dallas, UT Arlington Research Institute, and Orthotics/Prosthetics. Introduction of clinical concerns of the diabetic foot to non-clinicians.		
May 2022	<i>Mechanical Offloading</i>	Diabetic Foot for Engineers
April 2022	<i>Surgical Offloading</i>	Diabetic Foot for Engineers
March 2022	<i>Monckeberg Medial Calcific Sclerosis</i>	Diabetic Foot for Engineers
March 2022	<i>Vascular Assessment and Common Intervention</i>	Diabetic Foot for Engineers
February 2022	<i>The Basics of Charcot Neuroarthropathy</i>	Diabetic Foot for Engineers
February 2022	<i>Intro to Neuropathy – Sensory, Autonomic, and Motor</i>	Diabetic Foot for Engineers
January 2022	<i>Intro to the Diabetic Foot</i>	Diabetic Foot for Engineers

Invited Lectures

Year	Title	Location
<u>National</u>		
April 2023	<i>Addressing Acute Bacterial Skin and Skin Structure Infections: Leveraging Interdisciplinary Team Approaches and Therapeutic Advances</i>	SAWC Spring
April 2023	<i>How to Keep up to Date with the Literature: An Interdisciplinary Panel</i>	SAWC Spring
June 2022	<i>Bringing Translational Research into Daily Clinics</i>	American Diabetes Association 82 nd Scientific Sessions
October 2021	<i>Evidence Based Care in DFU</i>	SAWC Fall
September 2021	<i>Science and Practice: The Role of Oxygen in the Management of Large, Painful Wounds</i>	AffinityCE
May 2020	<i>Ask the Expert: Intro to the Diabetic Foot (9.6/10)</i>	Acera Surgical National Sales Team

May 2020	<i>How to Read a Scientific Paper</i>	ACFAS National Resident Webinar Series
<u>Regional/Local</u>		
September 2022	<i>Metatarsal Head Resection to Heal Plantar Forefoot Ulcer: One or All</i>	Texas Podiatric Medical Association's Southwest Foot and Ankle Conference
September 2022	<i>Split Thickness Skin Grafting and the Diabetic Foot</i>	Texas Podiatric Medical Association's Southwest Foot and Ankle Conference
September 2022	<i>Does Exostectomy Really Work to Heal Charcot with Plantar Ulceration?</i>	Texas Podiatric Medical Association's Southwest Foot and Ankle Conference
June 2022	<i>Sew Good: The Basics of Suturing through Incision Planning and Closure</i>	UTSW Plastic Surgery Summer Student Research Program
June 2022	<i>Under Pressure: A Negative Pressure Wound Therapy Workshop</i>	UTSW Plastic Surgery Summer Student Research Program
May 2022	<i>Introduction to Research and Evidence Based Medicine</i>	Midwestern University School of Podiatric Medicine
September 2021	<i>Diabetic Foot Ulcer Offloading Options</i>	Texas Podiatric Medical Association's Southwest Foot and Ankle Conference
July 2021	<i>Under Pressure: A Negative Pressure Wound Therapy Workshop</i>	UTSW Plastic Surgery Summer Student Research Program
July 2021	<i>Sew Good: The Basics of Suturing through Incision Planning and Closure</i>	UTSW Plastic Surgery Summer Student Research Program
September 2020	<i>Are Advanced Biologics Effective in Complex Diabetic Foot Wounds? (4.4/5.0)</i>	Texas Podiatric Medical Association's Southwest Foot and Ankle Conference

Bibliography

Peer-Reviewed Publications

Original Research Articles

1. Lavery LA, Killeen AL, Suludere M, Siah MC, Johnson MC, Raspovic K, Crisologo PA. Randomized clinical trial to compare cryopreserved and lyopreserved umbilical cord tissue to treat complex diabetic foot wounds: A proof of concept study. *Wound Repair and Regeneration*. 2023 in review
2. Suludere MA, Killeen AL, Crisologo PA, Kang GE, Malone M, Siah MC, Lavery LA. Monckeberg's Medial Calcific Sclerosis in Diabetic and Non-Diabetic Foot Infections. *Wound Repair and Regeneration*. 2023. Accepted for publication
3. Killeen AL, Grigoropoulos K, Suludere M, Crisologo PA, Lavery LA. Foot Abscesses with No Accompanying Wound: Clinical Presentation and Pathogens. *Wounds*. 2023 Accepted for publication
4. Girgis C, Coye T, Ansert E, Killeen AL, Crisologo PA. Rare case of osteomyelitis caused by *Achromobacter xylosoxidans*. *JAPMA*. 2023 Accepted for publication
5. Heming RN, Killeen AL, Crisologo PA, Siah MC, Lavery LA. Shooter's Abscess: Foot infections in people who inject drugs. *JAPMA*. 2023. Accepted for publication
6. Tarricone A, Crisologo PA, Killeen AL, De La Mata K, Oz OK, Siah MC, Krishnan P, Lavery LA. Pooled Study Level Analysis of Randomized controlled trials analyzing the Effect of Negative Pressure Wound Therapy with Instillation vs Traditional Negative Pressure Wound Therapy on Diabetic Foot Outcomes. *Wounds*. 2023 Apr;35(4):66-70
7. Kang GE, Stout A, Waldon K, Kang S, Killeen AL, Crisologo PA, Siah M, Jupiter D, Najafi B, Lavery LA. Digital biomarkers of poor gait and balance in diabetic foot, measurable by wearables: A mini review. *Sensors*. 2022; 22(23):9278. <https://doi.org/10.3390/s22239278>

8. Truong DH, Bedimo R, Malone M, Wukich DK, Oz OK, **Killeen AL**, Lavery LA. Meta-Analysis: Outcomes of Surgical and Medical Management of Diabetic Foot Osteomyelitis. *Open Forum Infectious Diseases*. 2022. <https://doi.org/10.1093/ofid/ofac407>
9. Crisologo PA, **Killeen A**. Bone Biopsy in Suspected Nonvertebral Osteomyelitis: Point: Let Bone Be the Guide When Treating Nonvertebral Osteomyelitis. *Amer J Roentgenology*. March 2022; [published online]. Accepted manuscript: doi:10.2214/AJR.22.27642
10. **Killeen AL**, Malone M, Jupiter DC, Lavery LA. TEARS: Tools for the Application and Evaluation of Research Studies. A Critical Look at a Diabetic Foot Randomized Controlled Trial: Can you ever have too many patients? *Journal of Foot and Ankle Surgery*. 2020;1-3. <https://doi.org/10.1053/j.jfas.2020.09.012>
11. Lavery LA, **Killeen AL**, Farrar D, Akgul Y, Crisologo PA, Malone M, Davis KE. The Effect of Continuous Diffusion of Oxygen Treatment on Cytokines, Perfusion, Bacterial Load, and Healing in Patients with Diabetic Foot Ulcers. *International Wound Journal*. 2020;1-10.
12. Davis KE, **Killeen AL**, Farrar D, Raspovic KM, Berriman-Rozen ZD, Malone M, Lavery LA. Lyopreserved Amniotic Membrane is Cellularly and Clinically Similar to Cryopreserved Construct for Treating Foot Ulcers. *International Wound Journal*. 2020;1-9.
13. **Killeen AL**, Brock KM, Dancho JF, Walters JL. Remote Temperature Monitoring in Patients with Visual Impairment Due to Diabetes Mellitus: A proposed improvement to current standard of care for prevention of diabetic foot ulcers. *Journal of Diabetes Science and Technology*. Online May 23, 2019
14. **Killeen AL**, Brock KM, Loya R, Honculada CS, Houston P, Walters JL. Fully Synthetic Bioengineered Nanomedical Scaffold in Chronic Neuropathic Foot Ulcers. *Wounds*. October 2018;30(10):E98-E101
15. **Killeen AL**, Walters JL. Remote Temperature Monitoring in Diabetic Foot Ulcer Detection. *Wounds*. April 2018;30(4):E44-E48

Books/Textbooks

1. Lavery LA, Kim PJ, **Killeen AL**. Chapter 117: Diabetic Foot Abnormalities and Their Management. In: Sidawy AN, Perler BA. *Rutherford's Vascular Surgery and Endovascular Therapy*. 10th ed. Elsevier, 2021
2. Lavery LA, La Fontaine J, Grigoropoulos K, **Killeen AL**. Elective Surgery in Diabetic Foot to Heal Foot Ulcerations and Prevent Re-Ulceration. In: Hong JP. *Diabetic Foot Reconstruction: A Practical Guide*. 2022.

Oral Abstracts

Year	Title	Location
<u>International</u>		
May 2023	<i>Re-Infection and Clinical Outcomes in Clean vs. Dirty Residual Bone Margin in Diabetic Foot Osteomyelitis</i>	International Symposium on Diabetic Foot
May 2023	<i>Incidence of MRSA Infection, Re-Infection, Conversion, and Clinical Outcomes in Diabetic and Non-Diabetic Foot Infections</i>	International Symposium on Diabetic Foot
May 2023	<i>Update of Biomarkers to Diagnose Diabetic Foot Osteomyelitis</i>	International Symposium on Diabetic Foot
September 2021	<i>The Impact of COVID-19 Pandemic on Lower Extremity Amputations</i>	Diabetic Foot Study Group
November 2020	<i>Soft Tissue versus Bone Infection: Outcomes for Patients with Moderate to Severe Foot Infections</i>	Wound Healing Society
<u>National</u>		

February 2023	<i>The Effect of Negative Pressure Wound Therapy with Instillation vs Traditional Negative Pressure Wound Therapy on Diabetic Foot Outcomes: Systematic Review and Meta-Analysis of Randomized Controlled Trials</i>	American College of Foot and Ankle Surgeons
November 2020	<i>Hyperspectral Imaging Assessment of Tissue Oxygen Saturation Levels Following Amniotic Membrane Application</i>	SAWC Fall
<u>Regional/Local</u>		
September 2022	<i>Rare Case of Fifth Digit Osteomyelitis Caused by Achromobacter xylosoxidans: A care report and review of the literature.</i>	Texas Podiatric Medical Association
September 2021	<i>No Difference in Clinical Outcomes for Soft Tissue or Bone Infection, or Excised or Residual Bone Infection</i>	Texas Podiatric Medical Association
September 2021	<i>Foot Abscesses Without Accompanying Wounds: Clinical Presentation and Pathogens</i>	Texas Podiatric Medical Association
September 2021	<i>One Year Clinical Outcomes of Foot Infections Requiring Hospitalization in Patients with and without Diabetes.</i>	Texas Podiatric Medical Association
August 2021	<i>Change in Lower Extremity Amputation Levels Prior to and During the COVID-19 Pandemic</i>	Texas Society of Plastic Surgeons

Non-peer reviewed scientific presentations

1. Petersen BJ, **Killeen AL**, Suludere MC, Crisologo PC, Linders D, Lavery LA. Racial Disparities in Lower Extremity Reamputation in Medicare Beneficiaries with Diabetes. Presented at International Symposium on Diabetic Foot; May 2022; The Hague, Netherlands
2. Suludere MA, Crisologo PA, **Killeen AL**, Lavery LA. The Infected Diabetic Foot: Outcomes and Complications in Soft Tissue and Bone Infections. Presented at Diabetic Limb Salvage Conference; April 2023; National Harbor, MD
3. **Killeen AL**, Volper B, Crisologo PA, Lavery LA. Prevalence of Monckeberg Medial Calcific Sclerosis in Patients Hospitalized for Foot Infection with and without Diabetes. Presented at American Podiatric Medical Association; July 2022; Orlando, FL
4. Sherwood A, Rubitschung K, **Killeen AL**, Crisologo PA, Haley R, Hwang H, Chhabra A, Lavery LA, Oz OK. Comparison of WBC-SPECT/CT and MRI in Diagnosis and Evaluation of Antibiotic Response in Diabetic Foot Osteomyelitis. Presented at Society of Nuclear Medicine and Molecular Imaging; June 2022; Vancouver, British Columbia.
5. **Killeen AL**, Heming R, Crisologo PA, Lavery LA. Use of Human Amniotic Allograft Membrane in Two Treatment Paradigms for Diabetic Foot Ulcers. Presented at Symposium on Advanced Wound Care Conference; April 2022; Phoenix, AZ
6. Danesh SK, **Killeen AL**, La Fontaine J, Lavery LA. Incidence of Monckeberg's Medial Calcific Sclerosis in Patients Hospitalized with Diabetic Foot Infection. Presented at American College of Foot and Ankle Surgeons Conference; February 2022; San Antonio, TX
7. **Killeen AL**, Lavery LA, La Fontaine J. Use of Fitzpatrick Scale in Hyperspectral Imaging of the Foot: A normative data cohort. Presented at Symposium on Advanced Wound Care Fall; October 2021; Las Vegas, NV
8. Pajouh A, **Killeen AL**, Botek C, La Fontaine J, Lavery LA. Post-Operative Outcomes with iNPWT in Transmetatarsal Amputation: A retrospective comparative review of 50 patients. Presented at Texas Podiatric Medical Association; September 2021; Irving, TX
9. **Killeen AL**, La Fontaine J, Lavery LA. Angiosomal Analysis of Hyperspectral Imaging in the Lower Extremity of Non-Diseased Individuals with Varying Skin Types. Presented at Texas Podiatric Medical Association; September 2021; Irving, Texas virtual conference.

10. **Killeen AL**, Ryan E, Crisologo PA, Oz OK, La Fontaine J, Lavery LA. Incidence and Conversion of MRSA in Patients with and Without Diabetes: A large retrospective review. Presented at American Podiatric Medical Association National Conference; July 2021; Denver, CO
11. **Killeen AL**, Davis KE, La Fontaine J, Oz O, Crisologo PA, Lavery LA. Outcomes of One Year Follow Up of Clean Margins and Residual Osteomyelitis. Presented at American Diabetes Association Scientific Sessions; June 2021; Washington DC Virtual Conference
12. Lavery LA, Davis KE, La Fontaine J, Ryan EC, Crisologo PA, **Killeen AL**. Incidence of Acute Kidney Infection in Patients with Diabetes Hospitalized for Foot Infections. Presented at American Diabetes Association Scientific Sessions; June 2021; Washington DC Virtual Conference
13. Sherwood A, Rubitschung KL, **Killeen AL**, Crisologo PA, Grigoropoulos K, Pajouh A, Kep J, Wukich D, La Fontaine J, Lavery LA, Oz OK. Serum Inflammatory Markers are not Correlated with Detection of Osteomyelitis by 99.TC-WBC SPECT/CT in Subjects with Diabetes and Foot Infection. Presented at American Diabetes Association Scientific Sessions; June 2021; Washington DC Virtual Conference
14. **Killeen AL**, Crisologo PA, Davis KE, Malone M, Lavery LA. The Effect of Negative Pressure Wound Therapy on Surgical Quantitative Cultures. Presented at American College of Foot and Ankle Surgeons National Conference Manuscript Competition; May 2021; Las Vegas, NV
15. **Killeen AL**, Oz O, Davis KE, La Fontaine J, Bhavan KP, Lavery LA. One Year Outcomes Following Hospital Admission for Soft Tissue or Bone Infection of the Foot. Presented at American College of Foot and Ankle Surgeons National Conference; May 2021; Las Vegas, NV
16. Lavery LA, **Killeen AL**, Armstrong DG, Murdoch D, Malone M, La Fontaine J. Complications Associated with Offloading: Results of a Randomized Controlled Trial. Presented at Symposium on Advanced Wound Care Spring; May 2021; Dallas, TX
17. Lavery LA, Murdoch D, Davis KE, **Killeen AL**, Bowling F, Boulton A. Does a Therapeutic Stocking Prevent Diabetic Foot Ulcer Recurrence in a Randomized Controlled Trial? Presented at Symposium on Advanced Wound Care Spring; May 2021; Dallas, TX
18. **Killeen AL**, Malone M, Radzieta M, Oz O, Bhavan KP, La Fontaine J, Lavery LA. Does MRSA Affect Clinical Outcomes? Presented at Symposium on Advanced Wound Care Spring; May 2021; Dallas, TX
19. Grigoropoulos K, **Killeen AL**, La Fontaine J, Lavery LA. Treatment and Outcomes of Pedal Abscesses with No Wounds. Presented at Symposium on Advanced Wound Care Spring; May 2021; Dallas, TX
20. Pajouh A, Kep J, **Killeen AL**, La Fontaine J, Lavery LA. Healing Rates of Foot Wounds Treated by a Composite Graft of Silicone and Bovine Tendon Collagen in Patients with and Without Diabetes. Presented at Symposium on Advanced Wound Care Spring; May 2021; Dallas, TX
21. **Killeen AL**, Davis KE, Ryan EC, La Fontaine J, Malone M, Lavery LA. Outcomes of Foot Infections in Patients with and Without Diabetes. Presented at Georgetown Diabetic Limb Salvage Conference; April 2021; Washington, DC virtual conference.
22. Lavery LA, **Killeen AL**, La Fontaine J, Oz O, Crisologo PA, Malone M. The Infected Diabetic Foot: Does Complete Resection of Osteomyelitis Improve Clinical Outcomes? Presented at Georgetown Diabetic Limb Salvage Conference; April 2021; Washington, DC virtual conference
23. **Killeen AL**, Crisologo PA, Davis KE, La Fontaine J, Malone M, Lavery LA. Does the Method of Intra-Operative Irrigation Change Quantitative Bacterial Cultures in Patients with Moderate to Severe Foot Wounds? A prospective analysis of 240 patients. Presented at Texas Podiatric Medical Association; September 2020; Irving, Texas virtual conference.
24. Davis KE, **Killeen AL**, Farrar D, Raspovic KM, Berriman-Rozen Z, Malone M, Lavery LA. Wound Closure Trajectories in Prospective Cohort Study of Lyopreserved Amniotic Membrane. Presented at SAWC Fall; November 2020; Las Vegas, NV virtual conference
25. **Killeen AL**, La Fontaine J, Lavery LA. Wound Bed Oxygenation Differences across Angiosomes of the Foot. Presented at SAWC Fall; November 2020; Las Vegas, NV virtual conference.
26. Lavery LA, **Killeen AL**, Davis KE. Effect of Polyethylene Terephthalate Fiber Socks and Gloves on Peripheral Blood Flow in Patients with Diabetes. Presented at SAWC Fall; November 2020; Las Vegas, NV virtual conference

27. Killeen AL, Davis KE, Ryan E, Crisologo PA, La Fontaine J, Lavery LA. Outcomes for Foot Infections in Patients with and Without Diabetes. Presented at Diabetic Foot Study Group; September 2020; Bratislava, Slovakia virtual meeting.
28. Davis KE, **Killeen AL**, Farrar D, Raspovic KM, Berriman-Rozen Z, Malone M, Lavery LA. Is Cryopreserved Amniotic Tissue Better than a Lyopreserved Construct to Treat Non-Healing Foot Ulcers? Presented at Diabetic Foot Study Group; September 2020; Bratislava, Slovakia virtual meeting.
29. Lavery LA, **Killeen AL**, Farrar D, Akgul Y, Crisologo PA, Davis KE. The Effect of Continuous Diffusion of Oxygen Treatment on Cytokines and Healing in Patients with Diabetic Foot Ulcers. Presented at American Diabetes Association; June 2020; Chicago, IL virtual conference.
30. **Killeen AL**, Brock KM, James B, Walters JL. Pain Relief from Lymphedema Therapy with Intermittent Pneumatic Compression in Patients with COPD. Presented at Symposium on Advanced Wound Care; May 2019; San Antonio, Texas
31. Brock KM, **Killeen AL**, Loya R, Walters JL. Maggot Debridement for Non-Surgical Wound Bed Preparation in Unstageable Eschar. Presented at Symposium on Advanced Wound Care; May 2019; San Antonio, Texas.
32. Brock KM, **Killeen AL**, Walters JL. Rifampin and Maggot Debridement as a Non-Operative Treatment for Heel Ulcer Complicated by Chronic Calcaneal Osteomyelitis. Presented at Symposium on Advanced Wound Care; May 2019; San Antonio, Texas.
33. **Killeen AL**, Walters JL. Atypical Invasive Squamous Cell Carcinoma Masquerading as Kaposi Sarcoma in a Chronic Wound. Presented at Symposium on Advanced Wound Care; November 2018; Las Vegas, Nevada
34. **Killeen AL**, Walters JL. Chorion-Free Amniotic Tissue Hydromembrane Use in Post-Surgical Wounds. Presented at Symposium on Advanced Wound Care; November 2018; Las Vegas, Nevada.
35. **Killeen AL**, Honculada CS, Brock KM, Loya R, Walters JL. Use of a Fully Synthetic Wound Matrix in Charcot Limb Preservation. Presented at Symposium on Advanced Wound Care; November 2018; Las Vegas, Nevada.
36. **Killeen AL**, Walters JL. A Durable Synthetic Wound Matrix: Two Wound Etiologies in the Same Patient. Presented at Symposium on Advanced Wound Care; November 2018; Las Vegas, Nevada.
37. **Killeen AL**, Loya R, Andreason S, Walters JL. Remote Temperature Monitoring in High-Risk Diabetic Retinopathy Patients. Presented at Diabetic Foot Conference; October 2018; Houston, Texas.
38. **Killeen AL**, Law PW, Walters JL. Treatment of Chronic Charcot Ulceration with Chorion-Free Amniotic Tissue. Presented at Diabetic Foot Conference; October 2018; Houston, Texas.
39. Honculada CS, **Killeen AL**, Samoy V, Walters JL. Use of a Fully Synthetic Wound Matrix in Trauma Injuries. Presented at Diabetic Foot Conference; October 2018; Houston, Texas.
40. Brock KM, Loya R, **Killeen AL**, Walters JL. Multidisciplinary Tetrad: Larval Debridement, Negative Pressure, Dermal Wound Matrix, and Total Contact Cast as Combined Treatment for Diabetic Limb Salvage. Presented at Diabetic Foot Conference; October 2018; Houston, Texas.
41. **Killeen AL**, Neff N, Peterson B, Bloom J, Walters JL. Remote Temperature Monitoring to Prompt Timely Preventative Debridement: A Case Series of Two Patients. Presented at American Podiatric Medical Association – The National; July 2018; Washington, DC.
42. **Killeen AL**, Walters J. Use of a Fully Synthetic Bioengineered Wound Matrix in Chronic Neuropathic Foot Ulcers. Presented at St. Louis University Wound Healing Symposium; May 2018; St. Louis, Missouri.
43. **Killeen AL**, Loya R, Walters J. Use of a Fully Synthetic Wound Matrix in Charcot Limb Preservation. Presented at St. Louis University Wound Healing Symposium; May 2018; St. Louis, Missouri
44. **Killeen AL**, Walters J. Use of a Fully Synthetic Bioengineered Wound Matrix in Chronic Neuropathic Foot Ulcers. Presented at Symposium on Advanced Wound Care; April 2018; Charlotte, North Carolina.
45. Brock K, **Killeen A**, Walters J. Advanced Pneumatic Compression Therapy for the Treatment of Chronic Lower Extremity Venous Stasis Ulcerations. Presented at Desert Foot; November 2017; Phoenix, Arizona.
46. Stach P, **Killeen A**, Walters J, Dancho J. Remote Temperature Monitoring in High-Risk Patients: Incidental Inflammation Secondary to Trauma. Presented at Desert Foot; November 2017; Phoenix, Arizona.

47. **Killeen A**, Loya R, Walters J. Acute Charcot Neuroarthropathy: A Novel Use for Daily Remote Temperature Monitoring Mat. Presented at Desert Foot; November 2017; Phoenix, Arizona.
48. **Killeen A**, Loya R, Brock K, Walters J. Cryopreserved Liquid Human Amniotic Tissue Allograft as a Novel Therapeutic option for the Treatment of Chronic Diabetic Foot Ulcers. Presented at Desert Foot; November 2017; Phoenix, Arizona.
49. **Killeen A**, Loya R, Walters J. Remote Thermometry for Early Detection of Chronic Recurrent Wounds. Presented at Desert Foot; November 2017; Phoenix, Arizona.
50. Loya R, **Killeen A**, Brock K, Walters J. Treatment of Post-Surgical Amputation Wounds of Diabetic Patients with Chorion-Free Amniotic Tissue Allografts: A case series. Presented at Desert Foot; November 2017; Phoenix, Arizona.
51. Loya R, **Killeen A**, Dooley G, Babila V, Foster C, Walters J. Use of Larval Debridement Therapy in Wound Bed Preparation: A 3 Case Series of Contrasting Wound Etiologies. Presented at Desert Foot; November 2017; Phoenix, Arizona.
52. **Killeen A**, Walters J. Remote Temperature Monitoring in Diabetic Foot Ulcer Detection: A Case Series. Presented at Symposium on Advanced Wound Care; October 2017; Las Vegas, Nevada.