

Peter A. Crisologo, DPM, AACFAS, FASPS, FACPM, FFPM RCPS (Glasg)
Curriculum Vitae

1. NAME AND PERSONAL INFORMATION

Peter "Andrew" Crisologo, DPM, AACFAS, FASPS, FACPM, FFPM RCPS (Glasg)
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2. EDUCATION

A. Professional Boards

- i. Diplomate, American Board of Podiatric Medicine – 21/Nov/2017 – Current
- ii. Certificate of Added Qualification in Amputation Prevention and Wound Care, American Board of Podiatric Medicine – 29/Apr/2021 – Current
- iii. Board Qualified, American Board of Foot and Ankle Surgery – Foot Surgery and Reconstructive Rearfoot/Ankle Surgery, 10/Mar/2017 – Current

B. Medical Licensure

- i. Doctor of Podiatric Medicine and Surgery – State of Texas #2272 – 6/Mar/2017 – 15/Nov/2023
- ii. Doctor of Podiatric Medicine and Surgery - State of Ohio #36.003775– 13/Jul/2016 – 1/Apr/2023

C. Post-Graduate Training

- i. Fellowship: Diabetic Limb Salvage, Department of Plastic Surgery, The University of Texas Southwestern Medical Center, Dallas, TX 01/Jul/2017 – 30/Jun/2019
- ii. Residency: Podiatric Medicine and Surgery Residency with added Reconstructive Rearfoot/Ankle Surgery Credential (PMSR/RRA) - Department of Orthopaedics, Division of Podiatric Medicine & Surgery, The Ohio State University Wexner Medical Center, Columbus, OH 01/Jul/2014 - 30/Jun/2017

D. Degrees

- i. Doctor of Podiatric Medicine and Surgery (DPM): Des Moines University College of Podiatric Medicine and Surgery, Des Moines, Iowa 01/Aug/2010 - 24/May/2014
- ii. Bachelor of Arts in Biology, Minor in Chemistry (BA): Asbury University, Wilmore, Kentucky, Cum Laude 01/Aug/2006 - 08/May/2010

3. EMPLOYMENT

- A. Assistant Professor, Department of Plastic Surgery, The University of Texas Southwestern Medical Center, Dallas, TX 01/Mar/2022 – Current (Effort: 75% Clinical, 20% Diabetic Limb Salvage Medical Director, 5% Research)
 - i. Medical Director, Diabetic Limb Salvage – Parkland Hospital, Dallas, TX - 01/Oct/2022 – Current

- B. Assistant Professor, Department of Surgery, Division of Podiatric Surgery, The University of Cincinnati Medical Center, Cincinnati, OH 01/Aug/2019 – 20/Feb/2022 (Effort: 67% Clinical, 10% Research, 15% Teaching, 8% Administration)
 - i. Fellowship Director, Advanced Diabetic Limb Salvage, Division of Podiatric Surgery, The University of Cincinnati Medical Center, Cincinnati, OH 01/Jul/2021 – 20/Feb/2022
 - ii. Associate Residency Program Director, Division of Podiatric Surgery, Department of Surgery, The University of Cincinnati Medical Center, Cincinnati, OH 01/Aug/2020 – 20/Feb/2022
 - iii. Clerkship Director, Division of Podiatric Surgery, Department of Surgery, The University of Cincinnati Medical Center, Cincinnati, OH 01/Jan/2020 – 20/Feb/2022
 - iv. Research Director, Division of Podiatric Surgery, Department of Surgery, The University of Cincinnati Medical Center, Cincinnati, OH 01/Aug/2019 – 20/Feb/2022

4. AWARDS AND HONORS

- A. First Place Poster Presentation – 28-31/Jul/2022 – American Podiatric Medical Association Annual Scientific Meeting. Prevalence of Mönckeberg Medial Calcific Sclerosis in Patients Hospitalized with Foot Infection with and without Diabetes.
- B. First Place Oral Manuscript Presentation – 23-26/Sep/2021 - Texas Podiatric Medical Association Southwest Foot and Ankle Conference. No Difference in Clinical Outcomes for Soft Tissue or Bone Infection or Excised or Residual Bone Infection.
- C. Third Place Oral Manuscript Presentation – 23-26/Sep/2021 – Texas Podiatric Medical Association Southwest Foot and Ankle Conference. One Year Clinical Outcomes of Foot Infections Requiring Hospitalization in Patients with and Without Diabetes.
- D. Admitted as Fellow Faculty in Podiatric Medicine, Royal College of Physicians and Surgeons of Glasgow – 14/May/2021 – Current
- E. Honorable Mention ACFAS Manuscript Award 18-21/May/2021 – American College of Foot and Ankle Surgeons Annual Scientific Conference. The Effect of Negative Pressure Wound Therapy with and without Installation on the Total Microbial Load of Infected Diabetic Foot Ulcers Undergoing Surgical Intervention.
- F. First Place Oral Manuscript Presentation – 24-27/Sep/2020 - Texas Podiatric Medical Association Southwest Foot & Ankle Conference Annual Post-Graduate Research Symposium. Does the Method of Intra-Operative Irrigation Change Quantitative Bacterial Cultures in Patients with Moderate to Severe Foot Wounds?
- G. Second Place Oral Manuscript Presentation – 5/Oct/2018 - Texas Podiatric Medical Association Southwest Foot & Ankle Conference 5th Annual Post-Graduate Research Symposium. Should Antibiotics be Withheld Prior to Obtaining Bone Biopsy in Patients with Suspected Osteomyelitis? A Meta-Analysis
- H. Dr. Marvin Levin Travel Grant 23/Jun/2018 – American Diabetes Association 78th Scientific Sessions Oral Research Presentation. Are We Misdiagnosing Diabetic Foot Osteomyelitis?
- I. Second Place Oral Manuscript Presentation – 15/Sep/2017 - Texas Podiatric Medical Association Southwest Foot & Ankle Conference 4th Annual Post-Graduate Research Symposium. Risk Factors, Co-Morbid Conditions, and Outcomes of Diabetic Foot Osteomyelitis and Diabetic Soft Tissue

- J. Second Place Oral Presentation, Biochemistry – 14/Nov/2009 – Kentucky Academy of Science. Effects of Toxic Metals on the Activity of MutM (Fpg) via a Hyperchromicity Assay

5. MEMBERSHIPS IN PROFESSIONAL ORGANIZATIONS

- A. Member, Infectious Diseases Society of America – 01/Mar/2022 - Current
- B. Fellow, American Society of Podiatric Surgeons – 01/Mar/2022 - Current
- C. Fellow Faculty in Podiatric Medicine, Royal College of Physicians and Surgeons of Glasgow – 14/May/2021 – Current
- D. Fellow, American College of Podiatric Medicine 21/Nov/2017 – Current
- E. Associate, American College of Foot and Ankle Surgeons 10/Mar/2017 – Current
- F. Member, American Limb Preservation Society 19/May/2021 - Current
- G. Member, American Diabetes Association 13/Jul/2017 – Current
- H. Member, Texas Podiatric Medical Association 01/Jul/2017 – 30/Jun/2019, 01/Mar/2022 - Current
- I. Member, Ohio Foot and Ankle Medical Association 01/Jul/2014 – 30/Jun/2017, 1/Aug/2019 – 20/Feb/2022
- J. Member, American Podiatric Medical Association 01/Aug/2010 – Current

6. SERVICE AND PROFESSIONAL ACTIVITIES

- A. Leadership and Committee Involvement
 - i. Member, Board of Directors – American Board of Podiatric Medicine, Hermosa Beach, CA, April 2023 - Current
 - 1. Elected as a member of the board of directors of the American Board of Podiatric Medicine.
 - ii. Member – Standards Setting Committee of the Certificate of Added Qualification of Podiatric Surgery, American Board of Podiatric Medicine, Hermosa Beach, CA, April 2023 – Current
 - 1. I was recruited to participate as a member of the standard setting committee of the Podiatric Surgery CAQ during psychometric analysis of the annual CAQ exam.
 - iii. Chair, Scholarships Committee, American College of Podiatric Medicine, Hermosa Beach, CA, April 2023 – Current
 - 1. Appointed as chair of the American College of Podiatric Medicine scholarship committee where I am charged with leading scholarship efforts of the college.
 - iv. Member, Board of Directors – American College of Podiatric Medicine, Hermosa Beach, CA, March 2023 - Current
 - 1. Elected as a member of the board of directors for a three-year term of the American College of Podiatric Medicine from 2023-2026.
 - v. Member – Education Committee, American College of Podiatric Medicine, Hermosa Beach, CA, February 2022 – Current
 - 1. As a member of the education committee, I am responsible for assisting with creation of educational content for CME as offered by the board.

- vi. Member – ACPM E-Learning Pod Subcommittee, American College of Podiatric Medicine, Hermosa Beach, CA, November 2022 – Current
 - 1. This subcommittee is responsible for compiling and publishing virtual lectures that are available for CME for the podiatric profession under the umbrella of the American College of Podiatric Medicine.
- vii. Member – American Diabetes Association Membership Advisory Group, Arlington, VA, January 2022 – December 2023
 - 1. This membership is charged with the review of membership benefit offerings and serve as a sounding board for new benefit ideas, vote on applicants for membership-based leadership teams, develop the long-term mission of and engagement strategies for ADA's Interest Groups, review membership marketing and communication materials targeting diverse audiences, and provide insights regarding successful membership management, revenue, growth, and engagement used by related organizations.
- viii. Member – Certificate of Added Qualification in Amputation Prevention and Wound Care Exam Writing Committee, American Board of Podiatric Medicine, Hermosa Beach, CA, August 2021 – Current
 - 1. After obtaining this credential, I was recruited to be a member of this credential's exam writing committee. This committee is tasked with the development, improvement, and advancement of this CAQ credential and writing the exam.
- ix. Member – Assessment Sub-Committee, Graduate Medical Education Committee, The University of Cincinnati, Cincinnati, OH, July 2021 – February 2022
 - 1. The Assessment Sub-Committee of the Graduate Medical Education Committee is responsible for the oversight of processes used for assessing resident performance and processes used for evaluation of faculty performance.
- x. Member – Research Committee, American College of Foot and Ankle Surgeons, Chicago, IL, January 2020 – February 2023
 - 1. I was one of two founding project leads and organizers of the American College of Foot and Ankle Surgeons Resident and Student Online Journal Club that was developed to supplement student and resident education during the COVID-19 pandemic. Given its success, the American College of Foot and Ankle Surgeons implemented it permanently.
- xi. National Grant Study Section - Veterans' Health Administration – Rehabilitation Engineering and Prosthetics/Orthotics, RR&D Merit Review Award, RX20-003 Review Panel, 6/Aug/2021
 - 1. Primary Reviewer, Two Grant Applications
- xii. Member – Foot Section Planning Committee, American Diabetes Association, Arlington, VA, July 2019 – June 2020
 - 1. The members of the foot section committee of the American Diabetes Association were tasked with developing the curriculum for the 2020

American Diabetes Association Annual Scientific Sessions foot section. The American Diabetes Association's Annual Scientific Meeting is an international event attended by over 15,000 members.

B. Manuscripts Review

- i. Clinical Diabetes and Endocrinology – Average one per year
- ii. International Wound Journal – Average one per year
- iii. Journal of the American College of Foot and Ankle Surgeons – Average two per year
- iv. Journal of the American Podiatric Medical Association – Average four per year

C. Residency and Fellowship Recruitment Activities

- i. American College of Foot and Ankle Surgeons Annual Fellowship Recruitment Breakfast - American College of Foot and Ankle Surgery Annual Scientific Conference, Los Angeles, CA 9/Feb/2023 – 12/Feb/2023.
- ii. American College of Foot and Ankle Surgeons Annual Fellowship Recruitment Breakfast - American College of Foot and Ankle Surgery Annual Scientific Conference, Austin, TX 24/Feb-27/Feb/2022.
- iii. University of Cincinnati Podiatric Surgery Residency Representative, Western University College of Podiatric Medicine Residency Spotlight Series, 6/Oct/2021
- iv. Podiatric Surgery Clerkship Director, Department of Surgery, The University of Cincinnati Medical Center, 2020 – 2022
- v. Podiatric Surgery Resident Interview Committee, Department of Surgery, The University of Cincinnati Medical Center, 2019 – 2022

D. Uniformed Service Experience

- i. CPT (OH), Senior Medical Officer, 3rd Medical Detachment, Ohio Military Reserve– 10/Apr/2021 – 08/Jan/2023, Honorable Discharge
- ii. CPL (TX), S3 Operations and Training NCOIC, Texas State Guard, Medical Component Command, 3rd Battalion, Alpha Company – 10/Feb/2018 – 18/May/2019, Honorable Discharge

7. TEACHING AND RESEARCH

A. Percent of time teaching medical students, residents, fellows:

- i. Teaching and education are present within all that I do from patient care to research. I spend much of my time with fellows during my daily duties. Outside of time spent performing both clinical care/research and teaching, dedicated teaching makes up approximately 15% of my effort. Overall, teaching is involved in approximately 60% of my duties.

B. National and International Distinguished Lectures and Research Presentations

- i. National Speaker – *Debate: Nutritional Intervention Improves Wound Healing: Evidence or Personal Opinion?* – Great Debates & Updates: Diabetic Foot, 30/Nov/2023 – 2/Dec/2023
- ii. National Speaker - *Do Clean Bone Margins for Patients with Osteomyelitis Affect Clinical Outcomes?* – American College of Foot and Ankle Surgeons Annual Scientific Conference 2023, 8-12/Feb/2023

- iii. National Speaker - *What is New in Biologics for Diabetic Foot Ulcerations?* – American College of Foot and Ankle Surgeons Annual Scientific Conference 2023, 8-12/Feb/2023
- iv. National Speaker - *The Use of Biologics in Diabetic Foot Ulcerations* – American College of Foot and Ankle Surgeons Annual Scientific Conference 2023, 8-12/Feb/2023
- v. National Speaker - *Diagnostic Modalities of Diabetic Foot Osteomyelitis* - Cardiovascular Innovations Annual Meeting, Digital, 29-31/Jul/2021
- vi. National Speaker - *Healing Patients with Lower Extremity Ulcerations Complicated by Inframalleolar Disease* – Cardiovascular Innovations Annual Meeting, Denver, CO, 8-11/Jul/2020
- vii. National Speaker - *The Effect of Withholding Antibiotics Prior to Bone Biopsy* – American Diabetes Association 80th Scientific Sessions, Chicago, IL 12-16/Jun/2020
- viii. National Speaker - National Research Podium Presentation, Lavery LA, Ryan E, Truong DT, Johnson MJ, Wukich DK, La Fontaine J, **Crisologo PA**, Does Antibiotic Treatment Before Bone Biopsy Affect the Identification of Bacterial Pathogens from Bone Culture? - American Diabetes Association 80th Scientific Sessions, Chicago, IL 12-16/Jun/2020
- ix. International Research Presentation - National Research Podium Presentation, Lavery LA, **Crisologo PA**, La Fontaine J, Oz OK, Bhavan K, Nichols A. Are Surrogate Markers for Osteomyelitis Remission Reliable? American Diabetes Association 79th Scientific Sessions Oral Research Presentation San Francisco, CA 8/Jun/2019
- x. International Research Presentation - National Research Podium Presentation, **Crisologo PA**, La Fontaine, J, Davis K, Lavery LA. Are We Misdiagnosing Diabetic Foot Osteomyelitis? – American Diabetes Association 78th Scientific Sessions Oral Research Presentation Orlando, FL 23/Jun/2018

C. Local and Regional Lectures

- i. Diabetic Foot Infections and Osteomyelitis – University of Cincinnati Podiatric Surgery Service Grand Rounds, 11/Jul/2022.
- ii. Diabetic Foot Osteomyelitis – An Update – DVA Cleveland Virtual Academics Invited Speaker, 23/Feb/2022
- iii. Treatment of and Prevention of Recurrence in Diabetic Foot Ulcerations – Alabama Podiatric Medical Association Scientific Seminar, Sandestin, FL 30/Apr/2021
- iv. Diabetic Foot Ulcerations and Infection – Greater Cincinnati Wound Ostomy Continence Nurse Organization, 21/Apr/2021
- v. Diabetic Foot Infections – University of Cincinnati Infectious Diseases Fellowship Core Course, Cincinnati, OH 13/Nov/2020
- vi. Controversies in the Diabetic Foot– Texas Podiatric Medical Association 2020 Diabetic Foot Update, Dallas, TX 24-26/Sep/2020
- vii. Amputation Levels in Patients with Diabetic Foot Infections – Department of Surgery, Division of Vascular Surgery Academic Lecture, Cincinnati, OH, 12/Aug/2020
- viii. The Effect of Withholding Antibiotics Prior to Bone Biopsy – American Diabetes Association 80th Scientific Sessions, Chicago, IL 12-16/Jun/2020
- ix. Medical Mythology of the Infected Diabetic Foot – Alabama Podiatric Medical Association Beachside Scientific Seminar, Sandestin, FL 5/May/2019

- x. Osteomyelitis: Is Surgical or Medical Treatment Superior and What Are the Outcomes? – Alabama Podiatric Medical Association Beachside Scientific Seminar, Sandestin, FL 5/May/2019
- xi. The Infected Diabetic Limb: Is the Standard of Care Evidence-Based? – Baylor Scott and White Podiatric Medicine and Surgery Residency Grand Rounds, Temple, TX 16/Apr/2019
- xii. The Infected Diabetic Limb: Where are We and Where are We Going? – The University of Cincinnati Foot & Ankle Surgery Academic Grand Rounds, Cincinnati, OH 28/MAR/2019
- xiii. Evaluating the Diagnostic Standard of Diabetic Foot Osteomyelitis – Department of Orthopaedic Surgery, Massachusetts General Hospital, Boston, MA 18/Dec/2018
- xiv. Offloading the Diabetic Foot Wound and Wound Care: A Primer – Department of Physical Medicine and Rehabilitation, Parkland Health and Hospital System, Dallas, TX 23/Oct/2018
- xv. Are We Misdiagnosing Diabetic Foot Osteomyelitis? Is the Gold Standard Gold? – Texas Podiatric Medical Association Southwest Foot & Ankle Conference Speaker, Frisco, TX 5/Oct/2018
- xvi. Offloading by Anatomic Location – Department of Physical Medicine and Rehabilitation, Parkland Health and Hospital System, Dallas, TX 13/Sep/2018
- xvii. Functional Limb Preservation: The Patient's Preference – Controversies in Vascular Diseases and 8th Annual Noninvasive Vascular Testing Symposium, The Ohio State University Medical Center, Columbus, OH 14/Oct/2016
- xviii. Gabapentinoids as an Adjunct to Post-Operative Pain Management – 16th Annual University of Pittsburgh Medical Center Annual Podiatry Conference, Pittsburgh, PA 4/Jun/2016
- xix. Hindfoot and Leg Osteomyelitis - Alternatives to Amputation – 16th Annual University of Pittsburgh Medical Center Annual Podiatry Conference, Pittsburgh, PA 4/Jun/2016

D. Research Grants and Funding

- i. Title: Towards Personalized Treatment and Prognosis for Diabetic Foot Infection Through Discovery Proteomics
Source: American Diabetes Association ADA Grant ID# 11-22-ICTSPM-05 (PI: Oz)
Duration: 01/01/23 – Current
Project Narrative:
Aim 1. Curate a comprehensive database of DFI biopsy tissues for sample population derivation. Biopsy of suspected DFI is the standard of care practiced by the podiatry team across our institutions. This information will be used to select biopsy tissues for discovery proteomics.
Aim 2. Leverage shotgun LC-MS/MS proteomics to generate protein profiles of soft tissue infection and osteomyelitis in the diabetic foot. Biopsy tissues identified in Aim 1 will be obtained from the hospital pathology labs and submitted to the UT Southwestern Proteomics core for processing via Tandem Mass Tag LC-MS/MS.
Role: CO-I
- ii. Title: A Multi-Center, Randomized, Controlled, Feasibility Trial of Stimulan-VG and Debridement with an Abbreviated Course of Systemic Antibiotics,

Debridement, and Full Course of Systemic Antibiotics for the Treatment of Diabetic Foot Osteomyelitis of the Forefoot

Source: Biocomposites, Ltd (PI: Lavery)

Duration: 01/01/2023 – 01/01/2024

Project Narrative: This study seeks to determine if the use of local, absorbable, antibiotic loaded cement can reduce the length of systemic antibiotics and improve outcomes for patients with diabetic foot osteomyelitis.

Direct Funding: \$226,724

Role: CO-I

- iii. Title: 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)

Source: Tissue Tech, Inc. (PI: Lavery)

Duration: 03/01/2022 – 07/01/2023

Project Narrative: This study seeks to determine if TTAX01 improves healing in patients with late stage, complex, non-healing diabetic foot ulcers.

Direct Funding: \$557,126

Role: CO-I

- iv. Title: 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)

Source: Microbion Biosciences (PI: Lavery)

Duration: 03/01/2022 – 05/01/2023

Project Narrative: This study seeks to determine if topically applied MBN-101 in hospitalized patients with moderate to severe diabetic foot infections improves outcomes.

Direct Funding: \$1,201,280

Role: CO-I

- v. Title: Study to Evaluate Celliant Diabetic Medical Socks to Increase Tissue Oxygenation and Incidence of Complete Wound Closure in Diabetic Foot Wounds

Source: Celliant (PI: Lavery)

Duration: 03/01/2022 – 12/01/2023

Project Narrative: This study was designed to determine if Celliant holofiber socks increase tissue oxygenation and wound closure in diabetic foot wounds.

Direct Funding: \$2,358,493

Role: CO-I

- vi. Title: Diabetic Foot Infection: Immune Status to Inform Outcomes
- Source: American College of Foot and Ankle Surgery (PI: Crisologo)
- Duration: 03/01/2022 - Current

Project Narrative: This study was designed to further develop the assay necessary for a dynamic, functional, immune assay to assess the immune function of patients with diabetes and a foot infection.

Direct Funding: \$24,992

Role: PI

- vii. Title: Diabetic Foot Infection: Immune Status to Inform Outcome
Source: National Center for Advancing Translational Sciences of the National Institutes of Health 2UL1TR001425-05A1 (PI: Crisologo)
Duration: 07/05/21-11/01/21
Project Narrative: This study was designed to develop the methods and processes necessary for a dynamic, functional, immune assay to assess the immune function of patients with diabetes and a foot infection.
Direct Funding: \$5,000
Role: PI
- viii. Evaluating an Investigational Drug for use in Patients with Critical Limb Ischemia (CLI) with Minor Tissue Loss who are Unsuitable for Revascularization
Source: Pluristem Therapeutics, Inc. (PI: Lavery)
Project Narrative: This study was developed to determine if the use of PLX-PAD injections could stimulate revascularization in patients who otherwise do not have viable revascularization options.
Direct Funding: \$132,551
Role: CO-I
- ix. Title: Osteomyelitis: Evaluating SPECT CT and Bone Biopsy
Source: American Diabetes Association 1-17-ICTS-056 (PI: Oz)
Duration: 08/01/17-06/01/20
Project Narrative: This study was developed to determine the validity of SPECT CT as a diagnostic modality for diabetic foot osteomyelitis as compared with the current reference standard of bone biopsy as well as SPECT CT use for monitoring of diabetic foot osteomyelitis resolution also compared with the reference standard of bone biopsy.
Role: FEL
- x. Title: Procalcitonin to Diagnose and Monitor Osteomyelitis
Source: Diabetic Complications Consortium 3 U24 DK076169-08S4 (PI: Lavery)
Duration: 10/01/13-11/01/14
Project Narrative: Currently, there is a paucity of literature on the use of novel peripheral serum biomarkers for the diagnosis of and treatment monitoring of diabetic foot osteomyelitis. The aim of this study is to evaluate the use of procalcitonin along with erythrocyte sedimentation rate, C - reactive protein, TNF-alpha, MIP1a, and MCP1 as peripheral serum biomarkers for the diagnosis and effective treatment monitoring of diabetic foot osteomyelitis.
Role: FEL
- xi. Title: Negative Pressure Wound Therapy as a Drug Delivery System
Source: American Diabetes Association 7-14-TS-20 (PI: Lavery)
Duration: 01/15/14-01/15/16
Project Narrative: This study was designed to determine if the use of a negative pressure wound therapy system, commonly used in the management of diabetic foot ulcerations, could be used as a delivery system for polyhexanide betaine. The aim was to determine if this delivery via

negative pressure wound therapy as wound irrigation resulted in improved clinical outcomes in patients treated for diabetic foot infections.

Role: FEL

E. Active Studies as PI

- i. Title: A Dynamic Functional Immune Assay to Evaluate the Immune Response of a Patient with Diabetes and a Foot Infection (UTSW IRB Approval STU-2022-0228)
PI: Peter A. Crisologo, DPM
Status: Active
Funding: ACFAS Society Young Investigator Grant \$24,992

F. Peer Reviewed Articles

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PubMed List of Works <https://bit.ly/3xLjvQV>

Google Scholar

<https://scholar.google.com/citations?user=rrQFkVMMAAAAJ&hl=en>

- i. Lavery LA, **Crisologo PA**, Ryan E, Truong D, Kang G, Johnson MJ, Malone M – Does Antibiotic Treatment Before Bone Biopsy Affect the Identification of Bacterial Pathogens From Bone Culture? – Wounds - Accepted
- ii. Girgis CP, Coye TL, Ansert EA, Killeen AL, **Crisologo PA** – Rare Case of Osteomyelitis Caused by *Achromobacter xylosoxidans* – Journal of the American Podiatric Medical Association - Accepted
- iii. Heming R, Killeen AL, **Crisologo PA**, Siah MC, Lavery LA – Shooter's Abscess: Foot Infections in People Who Inject Drugs – Journal of the American Podiatric Medical Association - Accepted
- iv. Liette MD, **Crisologo PA**, Masadeh SB, Yang SH, Bergmann CB, Caldwell CC, Henning JA – A Prospective Analysis of the SVSV Wifl Classification System to Stratify Immediate and One-Year Patient Outcomes – Journal of Foot and Ankle Surgery - Accepted
- v. Tarricone A, **Crisologo PA**, Killeen AL, de la Mata K, Gee A, Oz OK, Siah M, 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 - Accepted
- vi. Kang GE, Stout A, Waldon K, Kang S, Killeen AL, **Crisologo PA**, Siah M, Jupiter D, Najafi B, Vaziri A, Lavery LA – Digital Biomarkers of Gait and Balance in Diabetic Foot, Measurable by Wearable Inertial Measurement Units: A Mini Review – Sensors (Basel). 2022 Nov 29; 22(23):9278. Doi: 10.3390/s22239278. PMID 36501981
- vii. **Crisologo PA**, Killeen AK – Bone Biopsy in Suspected Nonvertebral Osteomyelitis: Point – Let Bone Be the Guide When Treating Nonvertebral Osteomyelitis – AM j Roentgenol. 2022 Aug; 219(2): 195-196. Doi: 10.2214/AJR.22.2764. Epub 2022 Mar 16. PMID: 35293236
- viii. Salyer CE, Bergmann CB, Hotchkiss RS, **Crisologo PA**, Caldwell CC – Functional Characterization of Neutrophils Allows Source Control Evaluation in a Murine Sepsis Model – J Surg Res. 2022 Feb 5;274:94-101. Doi: 10.1016/j.jss.2021.12.037. PMID 35134595
- ix. Rubitschung K, Sherwood A, **Crisologo PA**, Bhavan K, Haley RW, Wukich DK, Castellino L, Hwang H, La Fontaine J, Chhabra A, Lavery LA, Oz OK –

Pathophysiology and Molecular Imaging of Diabetic Foot Infections – Int. J. Mol. Sci. 2021, 22, 1152. <https://doi.org/10.3390/ijms22111552>. PMID 34768982

- x. Davis KE, Bills J, Noble D, **Crisologo PA**, Lavery LA – Ultraviolet-A Light and Negative Pressure Wound Therapy to Accelerate Wound Healing and Reduce Bacterial Proliferation – J Am Podiatr Med Assoc. 2021 Jul 6;20-251. doi: 10.7547/20-251. PMID: 34233359.
- xi. Bergmann CB, Beckmann N, Salyer CE, Hanschen M, **Crisologo PA**, Caldwell CC. Potential Targets to Mitigate Trauma- or Sepsis-Induced Immune Suppression – Front Immunol. 2021 Feb 25; 12:622601. doi: 10.3389/fimmu.2021.622601. PMID: 33717127; PMCID: PMC7947256.
- xii. Pereira R, Perry WC, **Crisologo PA**, Liette MD, Hall B, Hassn SGH, Masadeh SB. Membrane-Induced Technique for the Management of Combined Soft Tissue and Osseous Defects – Clinics in Podiatric Medicine and Surgery 38 (2021) 99-110. PMID 33220747
- xiii. Ryan EC, Ahn J, Wukich DK, La Fontaine J, **Crisologo PA**, Malone M, Oz OK, Lavery LA. Presence of Sensory Neuropathy Modifies the Predictive Value of Inflammatory Biomarkers for Osteomyelitis in Diabetic and Nondiabetic Patients with Foot Infections - Journal of the American Podiatric Medical Association – 2020 Nov 2;20-168. Doi: 10.7547/20-168. Online Ahead of Print
- xiv. Ryan EC, **Crisologo PA**, Ahn J, Oz, OK, Bhavan, K, La Fontaine, J, Wukich, DK, Lavery LA. The Infected Diabetic Foot: Incidence and Recovery of Acute Kidney Injury in Patients With and Without Diabetes – Journal of the American Podiatric Medical Association – 2020 Nov 2;20-167. Doi: 10.7547/20-167. PMID 33141881
- xv. Johnson L, **Crisologo PA**, Sivagenesan S., Henning J – Evaluation of the Laboratory Risk Indicator for Necrotizing Fasciitis (LRINEC) Score for Detecting Necrotizing Soft Tissue Infections in Diabetic Patients with Lower Extremity Infection – Diabetes Research and Clinical Practice – 2020 Oct 20;108520. Doi: 10.1016/j.diabres.2020.108520. PMID 33096188
- xvi. Lavery LA, Killeen AL, Farrar D, Akgul Y, **Crisologo PA**, 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 Dec; 17(6): 1986-95. Doi: 10.1111/iwj.13490. PMID 32840063
- xvii. **Crisologo PA**, Malone M, La Fontaine J, Oz OK, Bhavan K, Nichols A, Lavery LA, Are surrogate markers for osteomyelitis remission reliable? – Journal of the American Podiatric Medical Association – 2020 Nov 2;20-147. Doi: 10.7547/20-147. PMID 33141883
- xviii. Liette MD, **Crisologo PA**, Johnson LJ, Henning JA, Rodriguez-Collazo E, Masadeh SB – A Surgical Approach to Location Specific Neuropathic Foot Ulcerations - Clinics in Podiatric Medicine and Surgery – 38 (2021) 31-53.
- xix. Masadeh SB, Rodriguez P, Dierkscheide AJ, **Crisologo PA**, Utility of the Digital Fillet Flap – Clinics in Podiatric Medicine and Surgery – 2020 Oct;37(4): 775-787. Doi: 10.1016/j.cpm.2020.07.009.
- xx. **Crisologo PA**, Ahn J, Farrar D, La Fontaine J, Davis KE, Lavery LA, The Infected Diabetic Foot: Can Serum Biomarkers Predict Osteomyelitis After Hospital Discharge for Diabetic Foot Infections? – Wound Repair and Regeneration – 2020 Sep; 28(5): 617-22. Doi: 10.7547/20-147.

- xxi. Lavery LA, Davis KE, La Fontaine J, Farrar D, Bhavan K, Oz OK, **Crisologo PA**, Does Negative Pressure Wound Therapy with Irrigation Improve Clinical Outcomes? A Randomized Clinical Trial in Patients with Diabetic Foot Infections – American Journal of Surgery – 2020 Oct; 220 (4): 1076-1082. Doi: 10.1016/j.amjsurg.2020.02.044.
- xxii. Beckmann N, Salyer CT, **Crisologo PA**, Nomellini V, Caldwell CC, Staging and Personalized Intervention for Infection and Sepsis – Surgical Infections – 2020 Nov;21(9):732-744. Doi: 10.1089/sur.2019.363.
- xxiii. Ryan EC, **Crisologo PA**, La Fontaine J, Wukich DK, Oz OK, Bhavan K, Lavery LA, Clinical Outcomes of Foot Infections in Patients Without Diabetes – J. Foot Ankle Surg. 2020 Jul; 59(4) 722-5.
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- xxx. Lavery LA, **Crisologo PA**, Kim PJ, La Fontaine J, “Chapter 18: Diabetic Foot Ulcers” Wound Care Essentials: Practice Principles edited by Baranoski S., Ayello EA, 5th ed., Wolters Kluwer, 2020.
- xxxi. Lavery LA, Ryan EC, Ahn J, **Crisologo PA**, Oz OK, La Fontaine J, Wukich DK, The Infected Diabetic Foot: Re-Evaluating the IDSA Diabetic Foot Infection Classification – Clinical Infectious Diseases. 2020 Apr 10; 70(8): 1573-9. <https://doi.org/10.1093/cid/ciz489>
- xxxii. **Crisologo PA**, Lavery LA, La Fontaine J, Conservative Offloading – Clin Podiatr Med Surg. 2019 Jul;36(3):371-9.
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- xxxv. Lavery LA, **Crisologo PA**, La Fontaine J, Bhavan K, Oz OK, Davis KE, Are We Misdiagnosing Diabetic Foot Osteomyelitis? Is the Gold Standard Gold? J Foot Ankle Surg. 2019; 58: 713-6.

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- xxxvii. **Crisologo PA**, Monson EK, Atway SA, Gabapentin as an Adjunct to Standard Post-Operative Pain Management Protocol in Lower Extremity Surgery *J Foot Ankle Surg.* 2018; 57: 781-4.
- xxxviii. **Crisologo PA**, Lavery LA, Remote Home Monitoring to Identify and Prevent Diabetic Foot Ulceration *Ann Transl Med* 2017; 5(21):430.

G. Published Textbook Chapters

- i. La Fontaine J, **Crisologo PA**. “Chapter 6: Diabetes Mellitus – Infections and Fracture Healing” *Diabetes Mellitus – Impact on Bone, Dental, and Musculoskeletal Health* edited by Meng Tan, Elsevier Academic Press, July 2020.
- ii. **Crisologo PA**, Lavery LA, Kim PJ, La Fontaine J. “Chapter 18: Diabetic Foot Ulcers” – *Wound Care Essentials* edited by Sharon Baronoski, Wolters Kluwer, June 2020.

H. Quality review of publications

- i. Lavery LA, Ryan EC, Ahn J, **Crisologo PA**, Oz OK, La Fontaine J, Wukich DK, The Infected Diabetic Foot: Re-Evaluating the IDSA Diabetic Foot Infection Classification – *Clinical Infectious Diseases*. 2020 Apr 10; 70(8): 1573-9. <https://doi.org/10.1093/cid/ciz489>
 - 1. In this manuscript, we determined that it was not the severity or presents of SIRS that drove outcomes in patients with diabetes and foot infections, as suggested by the IDSA diabetic foot infection classification system but the presence of osteomyelitis that drove poor outcomes. I co-wrote the manuscript with the primary author and performed the statistics.
- ii. **Crisologo PA**, La Fontaine J, Wukich DK, Kim PJ, Oz OK, Lavery LA, The Effect of Withholding Antibiotics Prior to Bone Biopsy in Patients With Suspected Osteomyelitis: A Meta-analysis of the Literature – *Wounds*. 2019 Aug; 31(8): 205-212.
 - 1. In this manuscript, we performed a meta-analysis of the available literature showing that the commonly held belief that antibiotics can negatively impact culture reliability is not supported in patients with diabetic foot infections. I was first author, wrote the manuscript, performed the literature search, performed the meta-analysis, and performed edits and revisions.
- iii. Lavery LA, Davis KE, La Fontaine J, Farrar D, Bhavan K, Oz OK, **Crisologo PA**, Does Negative Pressure Wound Therapy with Irrigation Improve Clinical Outcomes? A Randomized Clinical Trial in Patients with Diabetic Foot Infections – *American Journal of Surgery* – 2020 Oct; 220 (4): 1076-1082. Doi: 10.1016/j.amjsurg.2020.02.044.
 - 1. In this randomized controlled trial, funded by the American Diabetes Association, we were able to show that the commonly held belief that the addition of irrigation with negative pressure wound therapy does not change clinical outcomes in patients with diabetic foot infections. I

wrote much of the manuscript with the first author and performed most of the statistical analysis as well as performed the revisions and edits.

- iv. **Crisologo PA**, Malone M, La Fontaine J, Oz OK, Bhavan K, Nichols A, Lavery LA, Are surrogate markers for osteomyelitis remission reliable? – Journal of the American Podiatric Medical Association – 2020 Nov 2;20-147. Doi: 10.7547/20-147. Online Ahead of Print
 - 1. In this manuscript, we showed that many of the commonly held surrogate markers for resolution of diabetic foot osteomyelitis (such as ulcer healing, re-ulceration, re-admission for re-infection, and additional amputation) did not correlate with patient outcomes and that other measures for success are needed. I was first author on this publication and wrote most of the manuscript, performed the statistical analysis, and completed revisions and edits.
- v. Lavery LA, **Crisologo PA**, La Fontaine J, Bhavan K, Oz OK, Davis KE, Are We Misdiagnosing Diabetic Foot Osteomyelitis? Is the Gold Standard Gold? J Foot Ankle Surg. 2019; 58: 713-6.
 - 1. In this article, we showed the variability in the diagnosis of osteomyelitis using the reference standard of bone biopsy depending on the operational definitions used. We found that the diagnosis of diabetic foot osteomyelitis could change up to 37% which could have a dramatic impact on a patients care. I co-wrote the manuscript with the first author, performed much of the statistical analysis, and performed revisions and edits.

I. Submitted Abstracts and Research Presentations

- i. Symposium on Advanced Wound Care (SAWC) Spring 2023 – National Harbor, MD, 26-30/Apr/2023
 - 1. Lavery LA, Ryan EC, Suludere MA, **Crisologo PA** – *The Infected Diabetic Foot: Outcomes and Complications in Soft Tissue and Bone Infections*
- ii. American Diabetes Association Annual Scientific Sessions 2023, San Diego, CA, 23-26/Jun/2023
 - 1. Suludere MA, Killeen AL, **Crisologo PA**, Malone M, Lavery LA – *The Infected Diabetic Foot: The MRSA Incidence, Conversion of Non-MRSA to MRSA Pathogens and Re-Infection in Soft Tissue and Bone Infections*
 - 2. Coye TL, **Crisologo PA**, Kang GE, Malone M, Lavery LA – *Outcomes of Patients With and Without Severe Renal Impairment Admitted with Moderate and Severe Diabetic Foot Infections*
 - 3. Coye TL, **Crisologo PA**, Kang GE, Malone M, Lavery LA – *Prevalence of Diabetic Burn-Out in Patients on Dialysis: A Rapid Evidence Review and Meta-Analysis*

J. Published Abstracts and Research Presentations

- i. Lavery LA, Killeen AL, Suludere MA, **Crisologo PA** – *Randomized Clinical Trial to Compare Cryopreserved and Lyopreserved Placental Cord Tissue to Treat Complex Diabetic Foot Surgical Wounds – A Proof of Concept Study,*

American Diabetes Association 83rd Scientific Sessions – San Diego, CA 23-26/Jun/2023

- ii. Ansert E, Tarricone A, **Crisologo PA**, Killeen AL, Truong D, Suludere MA, Lavery LA – *Update of Biomarkers to Diagnose Diabetic Foot Osteomyelitis: A Meta-Analysis*, 9th International Symposium on the Diabetic Foot The Hague – The Netherlands, 10-13/May/2023
- iii. Suludere MA, Killeen AL, **Crisologo PA**, Lavery LA – *Re-Infection and clinical Outcomes in Clean vs. Dirty Residual Bone Margin in Diabetic Foot Osteomyelitis*, 9th International Symposium on the Diabetic Foot The Hague – The Netherlands, 10-13/May/2023
- iv. Suludere MA, **Crisologo PA**, Killeen AL, Malone M, Siah MC, Oz OK, Lavery LA – *Incidence of MSA Infection, Re-Infection, Conversion, and Clinical Outcomes in Diabetic and Non-Diabetic Foot Infections*, 9th International Symposium on the Diabetic Foot The Hague – The Netherlands, 10-13/May/2023
- v. Tarricone A, **Crisologo PA**, Killeen AL, De La Mata K, Gee A, Öz, OK, Siah M, 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*, American College of Foot and Ankle Surgery Annual Scientific Conference, Los Angeles, CA 9/Feb/2023 – 12/Feb/2023.
- vi. Washburn ZJ, **Crisologo PA**, Blanchard AJ – *The Effects of Cold Forging Process Applied to Fine Wires for the Ilizarov External Fixator Apparatus: A Pilot Study*, American College of Foot and Ankle Surgery Annual Scientific Conference, Austin, TX 24/Feb-27/Feb/2022.
- vii. Dierksheide AJ, **Crisologo PA**, Liette MD, Washburn ZJ, Haberer BP, Henning JA – *Complications of Percutaneous Tendo-Achilles Lengthening for Treatment and Prevention of Diabetic Foot Ulcers: A Systematic Review*, American College of Foot and Ankle Surgery Annual Scientific Conference, Austin, TX 24/Feb-27/Feb/2022.
- viii. Liette MD, Perry WC, Washburn ZJ, **Crisologo PA**, Masadeh SB – *Use of the Medial Plantar Artery Flap to Resurface the Calcaneus in a Series of High-Risk Patients*, American College of Foot and Ankle Surgery Annual Scientific Conference, Austin, TX 24/Feb-27/Feb/2022.
- ix. Killeen AL, Ryan EC, **Crisologo PA**, La Fontaine J, Lavery LA, Radzieta M, Malone M – *Incidence and Conversion of MRSA in Patients With and Without Diabetes: A Large Retrospective Review*, American Podiatric Medical Association Annual Scientific Meeting, Denver, CO 29/Jul-1/Aug/2021.
- x. Liette MD, **Crisologo PA**, Johnson L, Bergmann CB, Caldwell CC, Henning J – *A Prospective Analysis of the SVS Wlfl Classification System to Stratify Immediate and One-Year Patient Outcomes* – Ohio Foot and Ankle Medical Association Annual Scientific Meeting 10-12/Jun/2021.
- xi. Washburn ZJ, Dierksheide A, McGowan M, Liette MD, **Crisologo PA** – *A Morphological Study of the Superior Peroneal Retinaculum, Peroneal Groove, and Associated Peroneal Tendon Pathology* – Ohio Foot and Ankle Medical Association Annual Scientific Meeting 10-12/Jun/2021.
- xii. Lavery LA, Davis K, La Fontaine J, Ryan EC, **Crisologo PA**, Killeen AL. – *Incidence and Severity of Acute Kidney Injury in Patients with Diabetes Hospitalized with Foot Infections*, American Diabetes Association 81st Scientific Sessions 25-29/Jun/2021

- xiii. Bergmann CB, Hamad AR, Caldwell CC, **Crisologo PA** – *An Immunologic Evaluation of Infection in the Patient with Diabetes*, American Diabetes Association 81st Scientific Sessions 25-29/Jun/2021
- xiv. Killeen AL, Davis K, La Fontaine J, Oz OK, **Crisologo PA**, Lavery LA. – *Clinical Outcomes Following Hospitalization for Patients with Soft Tissue Infection, Osteomyelitis Clean Margin, and Residual Osteomyelitis*, American Diabetes Association 81st Scientific Sessions 25-29/Jun/2021
- xv. Sherwood A, Rubitschung KL, Killeen AL, **Crisologo PA**, La Fontaine J, Lavery LA, Oz OK, *Serum Inflammatory Markers Are Not Correlated With Detection of Osteomyelitis by 99mTC-WBC SPECT/CT Imaging In Subjects With Diabetes And Foot Infection* - American Diabetes Association 81st Scientific Sessions, Virtual, 25-29/Jun/2021
- xvi. Lavery LA, Killeen AL, Ryan E, **Crisologo PA**, Malone M. – *Outcomes of Foot Infections in Hospitalized Patients With and Without Diabetes*, Diabetic Limb Salvage: A Team Approach Medstar Georgetown University Hospital 7-10/Apr/2021.
- xvii. Lavery LA, Killeen AL, La Fontaine J, **Crisologo PA**, Malone M. – *The Infected Diabetic Foot: Does Complete Resection of Osteomyelitis Improve Clinical Outcomes?* Diabetic Limb Salvage: A Team Approach Medstar Georgetown University Hospital 7-10/Apr/2021.
- xviii. Killeen AL, **Crisologo PA**, Davis KE, La Fontaine J, Malone M, Radzieta M, Lavery LA, *The Effect of Negative Pressure Wound Therapy with and without Installation of the Total Microbial Load of Infected Diabetic Foot Ulcers Undergoing Surgical Intervention*, American College of Foot and Ankle Surgeons Annual Scientific Conference 2021, Las Vegas, NV, 18-21/May/2021.
- xix. Liette MD, Dierksheide A, Rossi N, **Crisologo PA**, Hall B, Masadeh SB, *Induced Membrane Technique for Salvage of a Large First Ray Deficit After Failed Total Joint Implant* - American College of Foot and Ankle Surgeons Annual Scientific Conference 2021, Las Vegas, NV, 18-21/May/2021.
- xx. Liette MD, **Crisologo PA**, Masadeh SB, Johnson LJ, Henning JA, *A Prospective Analysis of the SVS Wifl Classification System to Stratify Immediate and One-Year Patient Outcomes* - American College of Foot and Ankle Surgeons Annual Scientific Conference 2021, Las Vegas, NV, 18-21/May/2021.
- xxi. Liette MD, Johnson L, **Crisologo PA**, Zheng S, Masadeh SB, *Recurrent Bilateral Culture Negative Abscesses Mimicking a Diabetic Foot Infection* – Infectious Diseases Week, Virtual secondary to COVID-19, 21-25/Oct/2020
- xxii. 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?* – Texas Podiatric Medical Association Southwest Post-Graduate Research Symposium, Dallas, TX 24-27/Sep/2020
- xxiii. Lavery LA, Ryan E, Truong DT, Johnson MJ, Wukich DK, La Fontaine J, **Crisologo PA**, *Does Antibiotic Treatment Before Bone Biopsy Affect the Identification of Bacterial Pathogens from Bone Culture?* - American Diabetes Association 80th Scientific Sessions, Chicago, IL 12-16/Jun/2020
- xxiv. Lavery LA, Killeen AL, Farrar D, Akgul Y, **Crisologo PA**, Davis KE. *The Effect of Continuous Diffusion of Oxygen Treatment on Cytokines, Perfusion, Bacterial Load, and Healing in Patients with Diabetic Foot Ulcers* - American Diabetes Association 80th Scientific Sessions, Chicago, IL 12-16/Jun/2020

- xxv. Parks V, **Crisologo PA**, Lavery LA, Banks J, Liette MD, Johnson LJ. *Progress in Diabetic Foot Ulcer Healing with Standard of Care Therapy Alone: A Meta-Analysis* - American Diabetes Association 80th Scientific Sessions, Chicago, IL 12-16/Jun/2020
- xxvi. Parks V, Banks J, Johnson LJ, Liette MD, **Crisologo PA**, Lavery LA. *A Meta-Analysis of Clinical Effectiveness of Amnion Tissue Products in the Management of Diabetic Foot Ulcers* - American Diabetes Association 80th Scientific Sessions, Chicago, IL 12-16/Jun/2020
- xxvii. Johnson L, **Crisologo PA**, Henning J. *Evaluation of the LRINEC Score for Detecting Necrotizing Soft Tissue Infections in Diabetic Patients with Lower Extremity Infections* – University of Cincinnati Medical Center Acute Care Research Showcase 2020, Cincinnati, OH 6/Mar/2020
- xxviii. McGowan M, Liette M, **Crisologo PA**. *A Morphologic Study of the Superior Peroneal Retinaculum, Peroneal Groove, and Associated Peroneal Tendon Pathology* - American College of Foot and Ankle Surgeons Scientific Conference 2020, San Antonio, TX 19-22/Feb/2020
- xxix. Johnson L, **Crisologo PA**, Sivaganesan S, Henning J. *Evaluation of the Laboratory Risk Indicator for Necrotizing Fasciitis (LRINEC) Score for Detecting Necrotizing Soft Tissue Infections in Diabetic Patients with Lower Extremity Infection* – American College of Foot and Ankle Surgeons Scientific Conference 2020, San Antonio, TX 19-22/Feb/2020
- xxx. Dierksheide A, Maker J, **Crisologo PA**, McGowan M. *Mucormycosis: A Rapidly Progressing Necrotizing Opportunistic Fungi in the Immunocompromised Patient* – Northeast Ohio Academy of Podiatric Medicine Fall Classic Meeting 2019, Cleveland, OH 24-27/Oct/2019
- xxxi. Johnson L, Hall B, **Crisologo PA**. *Abductor Hallucis Muscle Flap in a High-Risk Patient with Medial Heel Ulceration and Calcaneal Osteomyelitis* – Northeast Ohio Academy of Podiatric Medicine Fall Classic Meeting 2019, Cleveland, OH 24-27/Oct/2019
- xxxii. Ryan EC, **Crisologo PA**, Ahn J, Oz, OK, Bhavan, K, La Fontaine, J, Wukich, DK, Lavery LA. *The Infected Diabetic Foot: Incidence of Acute Kidney Injury in Patients Admitted to Hospital for Moderate and Severe Infections* – Diabetic Foot Australia Meeting 2019, Brisbane, Australia 08-10/Sep/2019
- xxxiii. Lavery LA, La Fontaine J, Farrar D, Oz OK, Bhavan K, **Crisologo PA**, Davis KE. *Does Negative Pressure Wound Therapy with irrigation improve clinical outcomes? a randomized clinical trial in patients with diabetic foot infections* – Diabetic Foot Australia Meeting 2019, Brisbane, Australia 08-10/Sep/2019
- xxxiv. Lavery LA, **Crisologo PA**, La Fontaine J, Oz OK, Bhavan K, Nichols A. *Are Surrogate Markers for Osteomyelitis Remission Reliable?* American Diabetes Association 79th Scientific Sessions Oral Research Presentation San Francisco, CA 8/Jun/2019
- xxxv. Johnson MJ, **Crisologo PA**, Truong DT, Wukich DK, Oz OK, La Fontaine J, Lavery LA. *Erbium-Yttrium aluminum garnet (YAG) laser accelerates healing in indolent diabetic foot ulcer healing* American Diabetes Association 79th Scientific Sessions San Francisco, CA 8/Jun/2019
- xxxvi. Ryan EC, Ahn J, **Crisologo PA**, Oz OK, La Fontaine J, Wukich DK, Lavery LA. *Systemic Inflammatory Response Syndrome (SIRS) Criteria as a Predictor of Clinical Outcomes in Diabetic Foot Infections*, American Diabetes Association 79th Scientific Sessions San Francisco, CA 8/Jun/2019
- xxxvii. Truong DT, Johnson MJ, **Crisologo PA**, Wukich D, La Fontaine J, Lavery LA. *What is the Increased Risk to Diabetes in People Hospitalized for Foot*

- Infections? 8th International Symposium on the Diabetic Foot, The Hague, The Netherlands 22-25/May/2019*
- xxxviii. Davis KE, La Fontaine J, Farrar D, Oz OK, **Crisologo PA**, Berriman S, Lavery LA, *Randomized Clinical Study to Compare Negative Pressure Wound Therapy with Simultaneous Saline Irrigation and Traditional Negative Pressure Wound Therapy for Complex Foot Infections - 8th International Symposium on the Diabetic Foot, The Hague, The Netherlands 22-25/May/2019*
 - xxxix. **Crisologo PA**, Ahn J, Bhavan K, La Fontaine J, Davis KE, Lavery LA, *The Infected Diabetic Foot: Can Serum Biomarkers Predict Re-Infection After Hospital Discharge for Diabetic Foot Infections – American College of Foot and Ankle Surgeons Scientific Conference, New Orleans, LA 14-17/Feb/2019*
 - xl. **Crisologo PA**, La Fontaine J, Wukich DK, Kim PJ, Oz OK, Lavery LA. *Should Antibiotics be Withheld Prior to Obtaining Bone Biopsy in Patients with Suspected Osteomyelitis? A Meta-Analysis – Texas Podiatric Medical Association Southwest Foot & Ankle Conference 5th Annual Post-Graduate Research Symposium Frisco, TX 5/Oct/2018*
 - xli. **Crisologo PA**, La Fontaine, J, Davis K, Lavery LA. *Are We Misdiagnosing Diabetic Foot Osteomyelitis? – American Diabetes Association 78th Scientific Sessions Oral Research Presentation Orlando, FL 23/Jun/2018*
 - xl.ii. **Crisologo PA**, Ryan EC, Wukich DK, La Fontaine J, Lavery LA. *Risk Factors, Co-Morbid Conditions, and Outcomes of Diabetic Foot Osteomyelitis and Diabetic Soft Tissue Infections – Texas Podiatric Medical Association Southwest Foot & Ankle Conference 4th Annual Post-Graduate Research Symposium Frisco, TX 15/Sep/2017*
 - xl.iii. **Crisologo PA**, Ing S, Atway SA. *Adult Onset Hypophosphatasia Presenting as Metatarsal Fractures and Stress Fractures, 45th Annual Mallory-Coleman Research Day Columbus, OH 2/Jun/2017*
 - xl. iv. **Crisologo PA**, Atway, SA, Chandarwarker R, Go M, Coriddi M, Martinez JC, Brunswick A, Lynch D. *A Multidisciplinary Limb Salvage Approach to Calcaneal Osteomyelitis: A Case Presentation, Department of Defense – Ohio State University Wexner Medical Center 9th Annual Transition to Clinical Regenerative Medicine: Columbus, OH 17-19/Mar/2016*
 - xl. v. **Crisologo PA**, Atway SA, Chandarwarker R, Go M, Coriddi M, Martinez JC, Brunswick A, Lynch D. *A Multidisciplinary Limb Salvage Approach to Calcaneal Osteomyelitis: A Case Presentation, Ohio Foot and Ankle Medical Society 100th Annual Scientific Seminar: Columbus, OH 9-11/Jun/2016*
 - xl. vi. **Crisologo PA**, Martin LR, Wishau TJ, *Comparison of Chlorhexidine and Povidone-Iodine in Reduction of Potential Wound Contaminants in the Forefoot Prior to Surgery - Review of the Literature: Des Moines University, Des Moines, IA 1/Mar/2013*
 - xl. vii. **Crisologo PA**, Brannan B, Busenlehner, LS. *Effects of Toxic Metals on the Activity of MutM (Fpg) via a Hyperchromicity Assay, Kentucky Academy of Science, Highland Heights, KY 14/Nov/2009*

8. DISTRIBUTION OF EFFORT

A. University of Texas Southwestern Medical Center (1/Mar/2022 – Current)

i. Clinical Care

1. Approximately 70% of my time is spend in clinical care. This is a mixture of both outpatient and inpatient care. This is focused on amputation prevention and patients with diabetic foot infections.

ii. Administration

1. During this past year, I was appointed as the Medical Director of the Diabetic Limb Salvage program at Parkland Hospital. This accounts for 0.2 FTE. These duties include management of both the inpatient and outpatient services. This includes coordination of multidisciplinary care in the outpatient service with a newly implemented Integration Clinic which includes combined services of the Comprehensive Wound Care Center, Infectious Diseases clinic, and Diabetes clinic. Regarding inpatient care, this involves optimizing of the inpatient service with patient cohorting, introduction of the Hospital at Home program for the diabetic limb salvage service and improving staffing issues for the service.

iii. Research

1. Approximately 10% of my time is allocated to research, active projects, writing, and grant writing. I have been successful in obtaining initial seed funding at a previous institution and now successful in obtaining a professional society grant through the American College of Foot and Ankle Surgeons. In addition to this, I have participated in the several studies in the podiatry division under the department of plastic surgery. This includes two actively enrolling product trials as well as multiple manuscripts in production. Our group goal is 20 manuscripts submitted per year.

iv. Teaching

1. Teaching and education are present within all that I do from patient care to research. My role is closely tied with direct patient care and teaching (both bedside and didactic) of trainees.

B. University of Cincinnati (01/Aug/2019 – 20/Feb/2022)

i. Clinical Care

1. Approximately 70% of my time was spent in clinical care. This was a mixture of both outpatient and inpatient care. This was focused on amputation prevention and patients with diabetic foot infections.

ii. Research

1. Approximately 15% of my time was spent on research, active projects, writing, and grant writing. I was successful in obtaining initial seed funding through the UC CCTST. We had one active multi-disciplinary translational project running where we have enrolled 25 patients and completed over 100 blood draws to determine the immune endotype and phenotype of patients with diabetes and foot infections.

iii. Teaching

1. Teaching and education are present within all that I do from patient care to research. As I was the Associate Director in the Podiatric Surgery Residency Program and director of the Advanced Diabetic Limb Salvage Fellowship Program, I spent much of my time with residents, fellows, and podiatry students. Outside of time spent

performing both clinical care/research and teaching, dedicated teaching made up approximately 10% of my effort.

iv. Administration

1. The remainder of my effort was allocated to the administrative efforts of both the Podiatric Surgery Residency Program and the Advanced Diabetic Limb Salvage Fellowship of which I was the Associate Director and Director, respectively. Since my initial appointment, this was included spearheading the re-accreditation site-visit of the UC residency program (October 2020) where the program was re-accredited with commendations and without deficiencies. This has also included the development and launch of the Advanced Diabetic Limb Salvage Fellowship Program.