

Mindi J. Dayton, DPM, MHA, FACFAS

1200 NW 36th St. Suite 100, Ankeny, IA 50023

Office: (515) 639-3775

EMPLOYMENT/EXPERIENCE

- 04/2018 – Present ***Co-Founder / COO Bunion Surgery Specialists, LLC
dba Foot & Ankle Center of Iowa
Foot & Ankle Surgeon, Ankeny, IA***
- 04/2018 – Present ***Co-Founder / CEO, Midwest Bunion Centers, LLC
Ankeny, Iowa
Research, Innovation, & Consulting***
- 01/2020 – Present ***Consultant: Lecturer and Surgical Workshop Facilitator/Trainer
Treace Medical Concepts, Inc.***
- 06/2017 – 12/2021 ***Co-Owner/Operator, WineStyles Tasting Station Ankeny
Ankeny, Iowa***
- 06/2012 – 6/2017 ***Assistant Professor of Podiatric Medicine and Surgery/ Clinical Faculty
& Surgeon
Des Moines University-College of Podiatric Medicine and Surgery
Des Moines, Iowa***
- 06/2012 – 6/2017 ***Attending Surgeon, Podiatric Medicine and Surgery Residency
Unity Point Foot and Ankle Surgery Residency
Des Moines, Iowa***
- 07/2007 – 03/2012 ***Foot & Ankle Surgeon
Trimark Physicians Group, (Now UnityPoint) Fort Dodge, IA
Division of Podiatry***
- 07/2007 – 03/2012 ***Attending Surgeon, Podiatric Medicine and Surgery Residency
Trinity Regional Medical Center, Fort Dodge, IA***

EDUCATION

Master of Health Care Administration (MHA)

Des Moines University-College of Health Sciences, May 2018

Podiatric Surgical Residency, Department of Podiatry, 2005-2007

Chief Resident, 2006-2007

Trinity Regional Medical Center, Fort Dodge, IA

Doctor of Podiatric Medicine (DPM)

Des Moines University- College of Podiatric Medicine and Surgery, May 2005

Bachelor of Science-Biology

Psychology Minor

Buena Vista University, Storm Lake, Iowa, May 2001

CERTIFICATIONS AND PROFESSIONAL SOCIETIES**American Board of Podiatric Surgery, Diplomate**

Board Certified in Foot Surgery & Reconstructive Rearfoot/Ankle Surgery

Certified: September 1, 2012 #9019 & #9013

American College of Foot and Ankle Surgeons, Fellow**American Podiatric Medical Association, Member****Iowa Podiatric Medical Society, Member****LEADERSHIP/COMMITTEE POSITIONS**

2023	Manuscript Judge for the Annual Scientific Conference , American College of Foot and Ankle Surgeons,
2022-Present	Board Member , Ankeny (IA) Community Foundation Chair, Annual Fundraising Event: A Toast to Ankeny 2022-2023
2022-Present	Didactic Review Committee , American Board of Foot and Ankle Surgery
2022-Present	Member , 100 Women Who Care (Ankeny, IA philanthropic group)
2019-Present	Surgical Certification Case Reviewer , American Board of Foot and Ankle Surgery
2019-2022	Continuous Certification Committee Member , American Board of Foot and Ankle Surgery (Now Continuing Certification Committee)
2012- Present	Peer Reviewer , Journal of Foot and Ankle Surgery
2010-Present	Board of Directors , Iowa Podiatric Medical Society House of Delegates Representative , 2015-Present President , 2015-2017 Vice President , 2013-2015
2015-19, 2022	Research Poster Judge for the Annual Scientific Conference , American College of Foot and Ankle Surgeons,
2020-2022	Elections Committee , APMA House of Delegates <i>Chair, 2022</i>

2018-2022 **Alumni Board Member**, Buena Vista University, Storm Lake, Iowa

2018-2022 **Heartland Conference Assistants Committee Chair**, Iowa Podiatric Medical Society

2016- 2022 **Council on Podiatric Medical Education**, Nominating Committee Member

2018-2020 **Co-Chair, Ankeny Summerfest**, Entertainment Garden Committee

2018-2019 **Ankeny Leadership Institute**, Nominated Position

2017-2019 **Ankeny Chamber of Commerce**, Ambassador

2015-2019 **Joint Committee on the Review of Specialty Boards**, Council on Podiatric Medical Education, APMA

2016- 2022 **Council on Podiatric Medical Education**, Nominating Committee Member

2016-2018 **American Podiatric Medical Society (APMA)**
Policy Formulation Taskforce
Membership Recruitment Taskforce

2016-2017 **Resolutions Committee**, APMA House of Delegates

2012- 2017 **Research Mentor**, DMU Podiatric Medicine and Surgery Students, over 22 students mentored

2015-2017 **Interprofessional Education (IPE) Work Group**, Des Moines University

2015-2016 **MHA Faculty Search Committee**, Des Moines University College of Health Sciences

2014- 2017 **Bylaws Committee**, Des Moines University
Co-Chair, 2014- 2016

2014- 2015 **DMU Faculty Review Committee**, Des Moines University

2014- 2015 **Note Rater**, NBPME Clinical Skills Exam

2014-2015 **Vice President**, Des Moines University Health Leaders, MHA Honor Society

2014, 2015 **DMU Foot and Ankle Symposium Co-Chair**

2014- 2016 **CPMS Admissions Committee**, Des Moines University, Chair

2014-2017 **Faculty Advisor**, Inaugural Podiatric Medicine Advocacy Group, Des Moines University

2013- 2017 **CPMS Curriculum Committee**, Des Moines University

2013- 2016 **Research and Grants Committee**, Des Moines University

	Chair, 2014-2016
2013-2017	Des Moines Area Interprofessional Education Collaborative , Planning Committee Member
2013- 2015	DMU Global Health Committee , Des Moines University
2013-2015	APMA Board of Trustees , Young Physician Liaison
2013-2015	Faculty Leadership Council , Des Moines University
2012-2016	Chair-Heartland Scientific Poster Competition
2012-2015	Iowa Podiatric Medical Licensing Board Chair, 2014-2015
2012, 2015, 2016	NBPME Testing Writing/Review
2012-2017	Faculty advisor , American Association of Women Podiatrists, Student Chapter, Des Moines University
2011-2015	APMA Young Member Leadership Panel Chair, 2013-2015 Development Committee, 2011-2012 Young Member Strategic Planning Committee, 2012-2014
2011- 2014	Chair-Assistants Program , Heartland Podiatry Conference, Des Moines, Iowa
2009- 2014	Scientific Committee Member , Heartland Podiatry Conference, Des Moines, Iowa
2012, 2013	DMU Annual Research Symposium Planning Committee , Des Moines University Poster and oral abstract judge 2012, 2013, 2014, 2015
2012- 2013	Steering Committee for Movement Science Research, DMU
2010-2012	Physician Member , Infection Control Committee, Lakes Regional Healthcare, Spirit Lake, Iowa
2009-2012	Marketing Committee Member , Trimark Physicians Group (Now UnityPoint Clinic)

HONORS AND AWARDS

- Distinguished Scholar Faculty Award, Des Moines University, 2015-2016
- Clinical Faculty of the Year, College of Podiatric Medicine and Surgery, 2015-2016
- Spotlight 360 “Making DMU Great” Award, Des Moines University, 2015-2016

- Des Moines University College of Podiatric Medicine and Surgery Alumna of the Year, 2016
- Clinical Faculty of the Year, College of Podiatric Medicine and Surgery, 2013-2014
- DMU President's Recognition Award for Outstanding Service, 2014

PEER REVIEWED SCIENTIFIC PUBLICATIONS (Lead author listed first)

Dayton P, **Dayton M**, Hatch DJ, DeCarbo WT, McAleer JP. What Do Patients Report Regarding Their Real-World Function Following Concurrent Arthrodesis of the First Tarsometatarsal and First Metatarsophalangeal Joints. *J Foot Ankle Surg*. Published online November 4, 2023.

Dayton M, Dayton P, Togher CJ, Thompson JM. What Do Patients Report Regarding Their Real-World Function Following Triplane Metatarsophalangeal Joint Arthrodesis for Hallux Valgus?. *J Foot Ankle Surg*. 2023;62(5):905-911. doi:10.1053/j.jfas.2023.04.015

Liu GT, Chhabra A, **Dayton MJ**, et al. One- and Two-Year Analysis of a Five-Year Prospective Multicenter Study Assessing Radiographic and Patient-Reported Outcomes Following Triplanar First Tarsometatarsal Arthrodesis With Early Weightbearing for Symptomatic Hallux Valgus. *J Foot Ankle Surg*. 2022;61(6):1308-1316. doi:10.1053/j.jfas.2022.04.008

Dayton P, Carvalho S, Egdorf R, **Dayton M**. Comparison of Radiographic Measurements Before and After Triplane Tarsometatarsal Arthrodesis for Hallux Valgus. *J Foot Ankle Surg*. 2020;59(2):291-297. doi:10.1053/j.jfas.2019.08.020

Dayton P, **Feilmeier M**, Parker K, et al. Experimental Comparison of the Clinical Measurement of Ankle Joint Dorsiflexion and Radiographic Tibiotalar Position. *J Foot Ankle Surg*. 2017;56(5):1036-1040. doi:10.1053/j.jfas.2017.05.008

Dayton P, **Feilmeier M**. Comparison of Tibial Sesamoid Position on Anteroposterior and Axial Radiographs Before and After Triplane Tarsal Metatarsal Joint Arthrodesis. *J Foot Ankle Surg*. 2017;56(5):1041-1046. doi:10.1053/j.jfas.2017.05.006

Feilmeier M. Noninsertional Achilles Tendinopathy Pathologic Background and Clinical Examination. *Clin Podiatr Med Surg*. 2017;34(2):129-136. doi:10.1016/j.cpm.2016.10.003

Feilmeier M, Dayton P, Kauwe M, et al. Comparison of Transverse and Coronal Plane Stability at the First Tarsal-Metatarsal Joint With Multiple Screw Orientations. *Foot Ankle Spec*. 2017;10(2):104-108. doi:10.1177/1938640016666920

Dayton P, Kauwe M, DiDomenico L, **Feilmeier M**, Reimer R. Quantitative Analysis of the Degree of Frontal Rotation Required to Anatomically Align the First Metatarsal Phalangeal Joint During Modified Tarsal-Metatarsal Arthrodesis Without Capsular Balancing. *J Foot Ankle Surg*. 2016;55(2):220-225. doi:10.1053/j.jfas.2015.08.018

Dayton P, **Feilmeier M**, Thompson M, Whitehouse P, Reimer RA. Comparison of Complications for Internal and External Fixation for Charcot Reconstruction: A Systematic Review. *J Foot Ankle Surg*. 2015;54(6):1072-1075. doi:10.1053/j.jfas.2015.06.003

Dayton P, Sedberry S, **Feilmeier M**. Complications of metatarsal suture techniques for bunion correction: a systematic review of the literature. *J Foot Ankle Surg*. 2015;54(2):230-232. doi:10.1053/j.jfas.2014.12.012

Dayton P, Kauwe M, **Feilmeier M**. Is our current paradigm for evaluation and management of the bunion deformity flawed? A discussion of procedure philosophy relative to anatomy. *J Foot Ankle Surg*. 2015;54(1):102-111. doi:10.1053/j.jfas.2014.09.010

Dayton P, **Feilmeier M**, Hunziker B, Nielsen T, Reimer RA. Reduction of the intermetatarsal angle after first metatarsal phalangeal joint arthrodesis: a systematic review. *J Foot Ankle Surg*. 2014;53(5):620-623. doi:10.1053/j.jfas.2014.01.020

Dayton P, **Feilmeier M**, Kauwe M, Holmes C, McArdle A, Coleman N. Observed changes in radiographic measurements of the first ray after frontal and transverse plane rotation of the hallux: does the hallux drive the metatarsal in a bunion deformity?. *J Foot Ankle Surg*. 2014;53(5):584-587. doi:10.1053/j.jfas.2014.02.003

Dayton P, **Feilmeier M**, Hensley NL. Technique for minimally invasive reduction of calcaneal fractures using small bilateral external fixation. *J Foot Ankle Surg*. 2014;53(3):376-382. doi:10.1053/j.jfas.2014.01.017

Dayton P, **Feilmeier M**, Hirschi J, Kauwe M, Kauwe JS. Observed changes in radiographic measurements of the first ray after frontal plane rotation of the first metatarsal in a cadaveric foot model. *J Foot Ankle Surg*. 2014;53(3):274-278. doi:10.1053/j.jfas.2014.01.002

Feilmeier M, Dayton P, Sedberry S, Reimer RA. Incidence of surgical site infection in the foot and ankle with early exposure and showering of surgical sites: a prospective observation. *J Foot Ankle Surg*. 2014;53(2):173-175. doi:10.1053/j.jfas.2013.12.021

Dayton P, Kauwe M, **Feilmeier M**. Clarification of the anatomic definition of the bunion deformity. *J Foot Ankle Surg*. 2014;53(2):160-163. doi:10.1053/j.jfas.2013.10.007

Feilmeier M, Dayton P, Wienke JC Jr. Reduction of intermetatarsal angle after first metatarsophalangeal joint arthrodesis in patients with hallux valgus. *J Foot Ankle Surg*. 2014;53(1):29-31. doi:10.1053/j.jfas.2013.09.012

Dayton P, Kauwe M, Kauwe JS, **Feilmeier M**, Hirschi J. Observed changes in first metatarsal and medial cuneiform positions after first metatarsophalangeal joint arthrodesis. *J Foot Ankle Surg*. 2014;53(1):32-35. doi:10.1053/j.jfas.2013.09.011

Dayton P, **Feilmeier M**, Coleman N. Principles of management of growth plate fractures in the foot and ankle. *Clin Podiatr Med Surg*. 2013;30(4):583-598. doi:10.1016/j.cpm.2013.07.004

Dayton P, Prins DB, Smith DE, **Feilmeier MJ**. Effectiveness of a locking plate in preserving midcalcaneal length and positional outcome after Evans calcaneal osteotomy: a retrospective pilot study. *J Foot Ankle Surg*. 2013;52(6):710-713. doi:10.1053/j.jfas.2013.05.002

Dayton P, **Feilmeier M**, Sedberry S. Does postoperative showering or bathing of a surgical site increase the incidence of infection? A systematic review of the literature. *J Foot Ankle Surg*. 2013;52(5):612-614. doi:10.1053/j.jfas.2013.02.016

Dayton P, **Feilmeier M**, Kauwe M, Hirschi J. Relationship of frontal plane rotation of first metatarsal to proximal articular set angle and hallux alignment in patients undergoing tarsometatarsal arthrodesis for hallux abducto valgus: a case series and critical review of the literature. *J Foot Ankle Surg*. 2013;52(3):348-354. doi:10.1053/j.jfas.2013.01.006

Dayton P, Wienke JC Jr, Prins DB, Haulard JP, **Feilmeier MJ**, Wiarda C. Measurement of mid-calcaneal length on plain radiographs: reliability of a new method. *Foot Ankle Spec.* 2011;4(5):280-283. doi:10.1177/1938640011416351

BOOK CHAPTERS & NON-PEER REVIEWED PUBLICATIONS

Dayton M, Kaldenberg-Leppert J, Dayton P. Point-Counterpoint: Are NSAIDS a Viable Option During Bone Healing? *Podiatry Today*. October 2022.

Feilmeier M, Cifaldi A, Dayton P. (2018). First MTPJ Arthrodesis. In: Dayton, P. (eds) Evidence-Based Bunion Surgery. Springer, Cham.

Dayton P, **Feilmeier M**, Lenz R. (2018). Clinical and Surgical Implications of First Ray Triplane Deformity. In: Dayton, P. (eds) Evidence-Based Bunion Surgery. Springer, Cham.

Feilmeier M, Frush K. Diabetic Foot Complications: Risk assessment, prevention, and treatment. *Today's Geriatric Magazine*, 9(3): 20-23, May/June 2016

Feilmeier M, Dayton P. Identifying foot and ankle pathologies. *Today's Geriatric Magazine* 8(3): 22-25, 2015

Feilmeier M, Coleman N. Allograft Options. Chapter in ACFAS e-book. The art and science of orthobiologics for the foot and ankle: critical analysis and practical applications. Editors Paul Dayton and Robert Mendicino

Caudell G, Feilmeier M. (2017). Complications Associated with Comorbid Conditions. In: Lee M, Grossman J. (eds) Complications in Foot and Ankle Surgery. Springer, Cham.

MANUSCRIPT/POSTER PRESENTATIONS

ACFAS Annual Scientific Conference, February 2024, Tampa, FL

- What Do Patients Report Regarding Their Real-World Function Following Concurrent Arthrodesis of the First Tarsometatarsal and First Metatarsophalangeal Joints. (Manuscript Competition, Oral Abstract Presented by Paul Dayton).

ACFAS Annual Scientific Conference, February 2023, Los Angeles, CA

- Dayton, P., Dayton, M. et al. Range of motion of the first MTP following triplane tarsometatarsal arthrodesis, 24-month results

ACFAS Annual Scientific Conference, February 2020, San Antonio, TX

- Dayton P, Carvalho S, Egdorf R, **Dayton M**, Radiographic outcomes after triplane tarsometatarsal arthrodesis for hallux valgus

APMA Annual Meeting, July 2017, Nashville, TN

- Egdorf RE, Cifaldi AJ, Dayton PD, **Feilmeier MJ**. Hallux Abducto Valgus Recurrence Literature Analysis Indicates Need for a National Multicenter Registry of Surgical Correction Outcomes. Unpublished data, 2017. **Second place award**

DMU Mentored Student Research Symposium, July 2016, Des Moines, IA

- Egdorf R, Dayton P, **Feilmeier M**. Longitudinal Outcomes of Bunion Surgery.

APMA National Scientific Conference, July 2016, Philadelphia, PA

- **Feilmeier M**, Dayton P, Kauwe M, Cifaldi A, Roberts B, Johnk H, Reimer R. Comparison of Transverse and Coronal Plane Stability at the First Tarsal-Metatarsal Joint with Multiple Screw Orientations

ACFAS Annual Scientific Conference, February 2016, Austin, TX

- Cifaldi A, Roberts B, **Feilmeier M**, Dayton P, Johnk H, Kauwe M, Reimers R. Comparison of Transverse and Frontal Plane Stability at the First Tarsal-Metatarsal Joint with Multiple Screw Orientations
- Dayton P, Kauwe M, **Feilmeier M**, Hatch D. The Use of Dual Measurements When Assessing Postoperative Outcomes of Metatarsal Osteotomies for HAV Correction Leads to Reporting Inaccuracies
- **Feilmeier M**, Nickerson N, Bekins D, Frush K, Smith K. Outcomes of Sclerosing Injection for Interdigital Neuroma: A Systematic Review.

DMU Research Symposium, December 2015, Des Moines, IA

- Cifaldi A, Roberts B, **Feilmeier M**, Dayton P, Johnk H, Kauwe M, Reimers R. Comparison of Transverse and Frontal Plane Stability at the First Tarsal-Metatarsal Joint with Multiple Screw Orientations (**Oral Abstract**, Presented by A. Cifaldi)
- Parker K, Otti R, Dayton P, **Feilmeier M**. Objective Determination of the Effects of Foot Position on Clinical Measurement of Ankle Joint Dorsiflexion: Study Protocol

Heartland Foot & Ankle Conference, October 2015, Des Moines, IA

- Cifaldi A, Roberts B, **Feilmeier M**, Dayton P, Johnk H, Kauwe M, Reimers R. Comparison of Transverse and Frontal Plane Stability at the First Tarsal-Metatarsal Joint with Multiple Screw Orientations. (**First Place Winner**)

American Orthopedic Foot and Ankle Society Annual Meeting, July 2015, Long Beach, CA

- Dayton P, Kauwe M, DiDominico L, **Feilmeier M**. Quantitative analysis of the degree of frontal rotation required to anatomically align the first metatarsal phalangeal joint during a modified tarsal-metatarsal arthrodesis. (**Oral Abstract**, Presented by P Dayton)

APMA National Scientific Conference, July 2015, Orlando FL

- Hogue C, Stewart B, **Feilmeier M**, Mahoney J. Is the Increasing Scope of Podiatric Medical Education and Residency Training Leading to an Increase in the Privileges Granted to Recently Graduated Podiatric Physicians?

ACFAS Annual Scientific Conference, February 2015, Phoenix, AZ

- Dayton P, Kauwe M, Didominico L, **Feilmeier M**. Quantification Of The Amount Of Frontal Plane Rotation Needed To Align The First MTPJ During A Tarsal Metatarsal Arthrodesis. (**First Place Winner Scientific Format Poster, Selected for Video Presentation**)
- Dayton P, Kauwe M, Rhodehouse B, Tidwell T, Penrose B, **Feilmeier M**. Use of a Flexible Bi-Planar Locking Plates in First Metatarsal Phalangeal Joint and First Metatarsal Cuneiform Joint Arthrodesis: A Case Series and Preliminary Mechanical Trial
- Dayton P, Coleman N, **Feilmeier M**, Ranum R, Reimers R. Range of Motion After First Metatarsal Phalangeal Replacement Arthroplasty: A Systematic Review

- Mitchell T, Whitehouse P, Dayton P, **Feilmeier M**. Comparison of Outcomes and Complications for Internal and External Fixation for Charcot Reconstruction: A Systematic Review.

DMU Research Symposium, December 2014, Des Moines, IA

- Dayton P, Kauwe M, **Feilmeier M**. Measurement of Metatarsal Supination Required to Anatomically Align the First Metatarsal Phalangeal Joint in a Modified Lapidus Arthrodesis. (**Selected for Oral Presentation**, Presented by M Kauwe, **Winner Top Resident Poster**)
- Dayton P, Coleman N, **Feilmeier M**, Ranum R, Reimers R. Range of Motion After First Metatarsal Phalangeal Replacement Arthroplasty: A Systematic Review. (**Oral Abstract**, Presented by N Coleman, won top resident presentation).
- Kindred K, Gardner J, **Feilmeier M**, McClinton S. Inter-rater Reliability of Ankle Plantar Flexor Isokinetic Testing.

Heartland Foot & Ankle Conference, October 2014, Des Moines, IA

- Mitchell T, Whitehouse P, Dayton P, **Feilmeier M**. Comparison of Outcomes and Complications for Internal and External Fixation for Charcot Reconstruction: A Systematic Review. (**1st Place Award Student Category**)
- Dayton, P., Coleman, N., Feilmeier, M., Ranum, R., Reimers, R.: Range of Motion After First Metatarsal Phalangeal Replacement Arthroplasty: A Systematic Review. (**Winner of general poster category**)
- Kindred K, Gardner J, **Feilmeier M**, McClinton S. Inter-rater Reliability of Ankle Plantar Flexor Isokinetic Testing.

APMA National Meeting, July 2014, Honolulu, HI

- Dayton P, **Feilmeier M**, Kauwe M, Holmes C, McArdle A, Coleman N. Observed Changes in Radiographic Measurements of the First Ray Following Frontal and Transverse Plane Rotation of the Hallux: Does the Hallux Drive the Metatarsal in a Bunion Deformity. (**2nd Place Award**)

ACFAS Annual Scientific Conference, February 2014, Orlando, FL

- **Feilmeier M**, Dayton P, Weinke J. Reduction of the Intermetatarsal Angle after First MPJ Arthrodesis in Patients with Hallux Valgus. (**Oral Abstract, Presenting Author**)
- Dayton P, Kauwe M, Kauwe J, **Feilmeier M**, Hirschi J. Observed Changes in the First Metatarsal and Medial Cuneiform Position Following First Metatarsal Phalangeal Joint Arthrodesis. (Oral Abstract, Presented by M Kauwe)
- **Feilmeier M**, Dayton P, Sedberry S, Reimer RA. Does getting sutures wet postoperatively increase the incidence of infection? A Prospective Study.

DMU Research Symposium, December 2013, Des Moines, IA

- **Feilmeier M**, Dayton P, Sedberry S, Reimer RA. Does getting sutures wet postoperatively increase the incidence of infection? A Prospective Study.
- Gardner J, Kindred K, **Feilmeier M**, Dayton P, Reimer, RA. Functional recovery after gastrocnemius recession in individuals with equinus-related disorders: Study protocol
- Dayton P, Kauwe M, Holmes C, **Feilmeier M**, McArdle A. The Observed Changes in Radiographic Measurements of the First Ray Following Rotation of the Hallux: A Cadaveric Study.

Heartland Foot & Ankle Conference, October 2013, Des Moines, IA

- Hirschi J, Dayton P, Kauwe M, Kauwe J, **Feilmeier M**. Observed Changes in Radiographic Measurements of the First Ray Following Frontal Plane Rotation of the First Metatarsal in a Cadaveric Foot Model. (**Won Top Student Poster**)

APMA National Meeting, July 2013, Las Vegas, NV

- **Feilmeier M**, Dayton P, Wienke J. Reduction of the first intermetatarsal angle after first MTPJ arthrodesis in patients with hallux valgus.
- Kauwe M, Hirschi J, Dayton P, **Feilmeier M**, Kauwe J. Radiographic analysis of frontal plane rotation of the first metatarsal.
- Kauwe M, Hirschi J, Dayton P, **Feilmeier M**, Kauwe J. Observed changes in the first metatarsal and medial cuneiform position following first metatarsal phalangeal joint arthrodesis.

DMU Research Symposium, December 2012, Des Moines, IA

- Dayton P, **Feilmeier M**, Kauwe M, Hirschi J. Relationship of frontal plane rotation of the first metatarsal to proximal articular set angle and hallux alignment in patients having tarsal metatarsal arthrodesis for hallux abducto valgus: A case series and critical review of the literature. (**Most outstanding poster presentation in movement science.**)

SCIENTIFIC RESEARCH GRANT ACTIVITY/ACTIVE RESEARCH ACTIVITY

Co-Investigator: MTA3D Adductoplasty Multi-Center Study. (Currently enrolling).

Co-Investigator: Align3D Lapiplasty Multi-Center Study. In year 5 of 5 of data collection. (No longer actively enrolling)

“What Do Patients Report Regarding Their Real-World Function Following Concurrent Arthrodesis of the First Tarsometatarsal and First Metatarsophalangeal Joints.” Investigator Initiated Study. Grant funding from Treace Medical Concepts, Inc., 2022.

“What Do Patients Report Regarding Their Real-World Function Following Triplane Metatarsophalangeal Joint Arthrodesis for Hallux Valgus?” Investigator Initiated Study. Grant funding from Treace Medical Concepts, Inc., 2021.

“Objective Determination of the Effects of Foot Position on Clinical Measurement of Ankle Joint Dorsiflexion.” ACFAS Scientific Grant, November 2015. Funded \$2,805.

“Functional recovery after gastrocnemius recession in individuals with equinus-related disorders: A quasi-experimental study including a non-surgical, matched control group.” Iowa Osteopathic Education Foundation, October 2013. Funded \$9,300.

“Analysis of the relationship between first metatarsal frontal plane rotation and PASA in hallux abducto valgus and metatarsus primus adductus.” Iowa Osteopathic Education Foundation, October 2012. Funded \$6,414

MEDIA INTERVIEWS/ARTICLES

- Nails and Callouses. Nail Pro Magazine, November 2015

- Early Detection Key in Preventing Foot and Ankle Complications in Seniors. Central Iowa Boomer, November 2015
- Simple Solutions to Your Heel Pain. Iowa Living Magazine, November 2015 <http://www.iowalivingmagazines.com/wp-content/uploads/2015/11/Downtown-November-2015.pdf>
- Importance of Early Detection. Iowa Living Magazine, August 2015 <http://www.iowalivingmagazines.com/2015/08/19/importance-of-early-detection-2/>
- To Your Foot Health. Iowa Living Magazine, October 2014 <http://www.iowalivingmagazines.com/2014/10/15/to-your-foot-health-2/>
- Plantar Fasciitis. Des Moines Register, September 2014
- Interview with JTECH Medical on the use of their wireless goniometer for our research. Interview published in their monthly newsletter, JTECH Medical Examiner, May 2014.

INVITED PRESENTATIONS/LECTURES

American College of Foot and Ankle Surgeons Annual Scientific Conference, Tampa, FL, February 2023

- *Accessory Navicular – Is Excision Alone Enough?*
- *Double First Ray Arthrodesis: Procedure Technique and Outcomes*

The Spanish National Podiatry Congress, Barcelona, Spain, October 2023

- *Foot Surgery Complications Round Table Panel Discussion*
- *1st MTP Arthrodesis and Patient Reported Outcomes*

The Podiatry Institute/ San Diego Podiatric Medical Society Conference, San Diego, CA, September 2023

- *Perioperative Management of the Bunion Patient : Pain Control/Improved Outcomes*
- *Double First Ray Fusion for Bunion Revision Surgery*
- *TMT Arthrodesis 3-2-1 for Bunions with Metatarsus Adductus*

Wisconsin Podiatric Medical Association Annual Conference, Brookfield, WI, March 2023

- *Gastrocnemius Recession: Approach and Pearls*
- *Podiatric Medical Myths*

The Podiatry Institute/ Utah Podiatric Medical Association Conference, Park City, UT, February 2023

- *1st MTP Arthrodesis and Patient Reported Outcomes*
- *Triplane Bunion Correction*
- *Gastrocnemius Recession: When and Where?*
- *Hallux Valgus Correction with Metatarsus Adductus*
- *Multi-Modal Post-Operative Pain Protocol to Limit Narcotic Use*

Iowa Association of Surgical Technologists Annual Conference, Des Moines, IA October 2022

- *Triplane Bunion Correction: How it is different from traditional bunion surgery? Philosophy and Technique*

The Podiatry Institute Women's Conference, Las Vegas, NV, May 2022

- *Gastrocnemius Recession*
- *Triplane Tarsometatarsal Arthrodesis: Procedure and Post-Op Protocol*

- *Functional Outcomes of 1st MPJ Fusion*
Heartland Foot and Ankle Physicians Conference, Des Moines, Iowa, October 2022
 - *Triplane Tarsometatarsal Arthrodesis*
- Heartland Foot and Ankle Assistant's Conference, Des Moines, Iowa, October 2022
- *Foot and Ankle Facts: Jeopardy Style*
 - *Ingrown Toenails and Warts*
- Simpson College, Intro to Health Careers Course, Indianola, Iowa, April 2020
- *Foot and Ankle Surgery*
- IFAF Annual Lake Tahoe Conference, South Lake Tahoe, CA, February 2020
- *1st MPJ Fusion*
 - *Running Shoes*
- IFAF Annual Sonoma Conference, Sonoma, CA, June 2019
- *1st MPJ Fusion*
 - *Segmental Fusions*
- Simpson College, Intro to Health Careers Course, Indianola, Iowa, April 2019
- *Foot and Ankle Surgery*
- Des Moines University Alumni Career Panel and small group sessions
- *Private Practice/Business Ownership*
- Simpson College, Intro to Health Careers Course, Indianola, Iowa, April 2018
- *Foot and Ankle Surgery*
- Heartland Foot and Ankle Assistant's Conference, Des Moines, Iowa, October 2018
- *Vascular Assessment and Disease*
 - *Hammertoe and Bunion Deformities, Surgery, and Hands on Workshop*
- Heartland Foot and Ankle Assistant's Conference, Des Moines, Iowa, October 2017
- *General Anatomy, Forefoot and Hammertoe Surgeries*
 - *Who Wants to be a Millionaire - Podiatry Edition*
- Introduction to Interprofessional Education and Practice, DMU Health Pass Program, Summer 2016
- *Series of 3 presentation on IPE and IPP in conjunction with Dr. Teri Stumbo*
- Heartland Foot and Ankle Assistant's Conference, Des Moines, Iowa, October 2016
- *Introduction to ultrasound: A hands-on experience: radiology-imaging and effectiveness*
 - *Podiatric Game Show Trivia*
- Texas Podiatric Medical Association Spring Conference, April 2, 2016
- *Surgical Treatment of Foot Deformity Due to Hereditary Motor and Sensory Neuropathy*

- *Complications Following Hallux Valgus Correction*
- *Has Anything Changed with Hallux Valgus Correction?*
- *Panel Discussion: How I deal with hammertoes and transverse plane loss of correction*

DMU CPMS Research Forum, March 2016

- *The Effect of Coronal Plane Rotation of the First Metatarsal on Alignment of the First MTPJ*

Heartland Foot and Ankle Assistant's Conference, Des Moines, Iowa, October 2015

- *Podiatric Trivia*

Des Moines University CTL Faculty/Staff Showcase, August 11, 2015

- *Mindset: It's Impact on Teaching and Learning*

Des Moines University Foot & Ankle Symposium, April 2015

- *The Gastro-Soleal Complex*

ACFAS Annual Scientific Conference, February 2014, Orlando FL

- *Reduction of the Intermetatarsal Angle after First MPJ Arthrodesis in Patients with Hallux Valgus. (Oral Abstract, Presenting Author)*

Iowa Physical Therapy Association Southwest District Meeting, November 2014

- *Dem Bones: Foot Bone Connected to the Leg Bone...: Functional Connection Between a Pathologic Flatfoot and Proximal Extremity Symptoms*

Heartland Scientific and Assistant's Conference, October 2014

- *Renaming the Bunion According to Anatomic Principles-Physician's Program*
- *Would You Rather? Common Podiatric Pathologies and Treatments-Assistant's Program*

APMA National Scientific Meeting, July 2014

- *History and Physical for the Podiatric Patient-Assistant's Program*

Des Moines University Foot & Ankle Symposium, April 2014

- *First Ray Changes Following First MTPJ Fusion*
- *Can Sutures Get Wet Postoperative: A Systematic Review and Prospective Observation*
- *Pediatric Foot and Ankle Fractures*

Des Moines University Ground Rounds, April 2014

- *It's Not Just Swelling Anymore*

Stryker Educational Series, November 2013

- *Case Controversies with the 1st MTPJ*

DMU Pi Delta Meeting, November 2013, September 2014

- *How to put together an effective case presentation*

Iowa Podiatric Medical Student Association, October 2013, *Residency Genesis*

Heartland Scientific and Assistant's Conference, October 2013

- *First Ray Changes Following First MTPJ Fusion-Physician's Program*
- *Plantar Fasciitis and Predislocation Syndrome- Assistant's program*
- *Team STEPPS/Podiatric Terminology- Assistant's program*
- *DVT/PE- Assistant's program*

Methodist Grand Rounds, Des Moines, IA

- August 2013: *Frontal plane rotation of the first metatarsal as it relates to HAV Correction*
- January 2013: *Can sutures get wet post-operatively?*

DMU Sports Medicine Club, Sports Medicine Seminar, May 2013, *Everything starts with the feet: Injury and shoe selection*

Des Moines University Mini Medical School, March 2013

- *Malignant skin lesions*

APMA Young Physicians Institute, 2012

- *Young physician involvement in state boards and leadership*

Clarke Community Schools Career Day, November 2012

- *What is podiatric medicine and surgery?*

Heartland Scientific and Assistant's Conference, October 2012

- *My Most Interesting Case- First MPJ fusion after joint implant-Physician's Program*

Heartland Scientific and Assistant's Conference, October 2011

- *The Effect of Equinus on Foot Function- Physician's program*
- *DME Opportunities- Assistant's program*
- *Diabetes: The perfect first encounter and what the patient needs to know-Assistant's program*

Spencer Hospital- Nursing CEU Conference, 2011

- *Common podiatric pathologies and treatments*

Heartland Scientific and Assistant's Conference, October 2010

- *Achilles Tendinopathy-Physician's program*
- *What's New With the Toenail: New Twists on an Old Problem- Physician's program*
- *Case Presentation: My toughest case - Physician's program*
- *Sports Injuries- Assistant's Program*

Spencer Hospital- Nursing CEU Conference, 2010

- *Diabetic foot evaluation and ulcer prevention/treatment*

Heartland Scientific and Assistant's Conference, October 2009

- *Achilles Tendinopathy: An EBM Approach- Physician's Program*

- *PVD: Overview and Diagnosing*- Assistant's Program

Heartland Scientific and Assistant's Conference, October 2008

- *Syndesmosis Injury, Does it Matter?*- Physician's program
- *What is the Best Presurgical Prep?*- Physician's program

Extensive speaking to community/civic organizations

ACADEMIC PRESENTATIONS-DES MOINES UNIVERSITY

Lectures in all of the following courses:

Principles and Practices of Podiatric Medicine (1st year DPM)

Dermatology – *Course Director* (2nd year DPM)

Clinical Podiatric Medicine (2nd year DPM)

Biomechanics (2nd year DPM)

Biomechanics and Surgery (2nd year DPM)

Community Health Care, Concerns and Assessment – *Course Director* (3rd year DPM)

Basic Surgical Skills (3rd year DPM)

Trauma (3rd year DPM)

Evidence Based Medicine: Forefoot Problem Based Learning – *Course Director* (3rd year DPM)

Des Moines University Doctor of Physical Therapy Program (1st year DPT)

- *Foot and Ankle Pathology: Surgical Procedures and Rehabilitation*

PROFESSIONAL DEVELOPMENT

ACFAS Annual Scientific Meeting- 2011-2023

APMA Annual Scientific Conference- 2012-2015

Heartland Scientific Conference- 2007-2022

Advanced Leadership Development in Higher Education, Academic Impressions, June 2015

Master Medical Educator Series, Des Moines University Center for Teaching and Learning, 2014

Des Moines University Diversity Health Series Completion Certificate, December 2014

DMU Foot and Ankle Symposium- 2009, 2014