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TUSPM 2014 White Coat Ceremony



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Featured Faculty

**University of Barcelona
Podiatry School honors
Dr. Kieran Mahan**



Dr. Kieran Mahan, MS,DPM,FACFAS
Tenured Professor
Associate Dean of Academic Affairs
Temple University School of Podiatric
Medicine

Dr. Mahan started to take interest in the Podiatric Medical profession outside of the United States over 20 years ago, when Professor Virginia Novel i Marti (friend of Dr. James Bates, a founding member of PCPM) came to visit PCPM. Over the past

twenty years TUSPM faculty have travelled to Spain to teach surgery and biomechanics.

Dr. Mahan has been honored at the University of Barcelona for his dedication and leadership in assisting in the creation of the University's podiatric medical program in the past, in which he was awarded the Leonard Escotch Award two years ago, "Leonard Escotch was the founder of podiatry in Spain," Dr. Mahan explained, "they've been very appreciative that we were willing to share with them just on the basis of developing the profession around the world." The University of Barcelona has graduated its first class of podiatry students in July 2013 under a revised curriculum approved by the European Union. This year he received an award from the students in honor of his 25 years of dedication to the University of Barcelona students.

TUSPM Tidbits

**Dr. Kwasi Kwaadu
congratulating a second year
student during the 2014 White
Coat Ceremony**



**TUSPM Pre- Health
Professions Day
November 22, 2014
10:00am—1:00pm**

TUSPM will host a Pre-Health Day for students and advisors interested in learning more about the educational process and career opportunities within various medical professions. The Pre-Health Day will be held at TUSPM on Saturday, November 22, 2014 at 148 N. 8th Street. For those students anticipating entry into the health professions it would be an excellent opportunity to learn more about podiatric medicine, allopathic medicine, pharmacy, dentistry, nursing, physical therapy, occupational therapy and much more. Learn more by visiting the TUSPM website.

**Congratulations on your
retirement and thank you for
50 years of service**



Dr. Raymond DiPrimio, DPM
Clinical Professor (Adjunct)
Temple University School of Podiatric
Medicine

TUSPM would like to Congratulate Dr. DiPrimio, one of the founding members of the Pennsylvania College of Podiatric Medicine, on his retirement after a lifetime of brilliant work. He has served the students and staff for the last fifty years. Dr. DiPrimio will be truly missed by his colleagues and students.

**TUSPM
Winter Internship
Program (WIP)
January 4 - 7, 2015**

This is a one week program that provides a synopsis of the profession and the education process. Spend time shadowing podiatric physicians in various health care settings, receive hands-on experience in biomechanics and participate in an anatomy workshop. The program and housing are provided at no cost. Learn more by visiting the TUSPM website.

TUSPM Spotlight

TUSPM Charcot Clinic Opens in June

TUSPM has partnered with their colleagues at Temple Medicine to create the **Temple Charcot Center**. This clinic is due to open on June 1, 2014. This division of the clinic was developed to provide an array of services that range from Podiatry, Vascular, Limb Salvage, Endocrinology, Nutrition, and Psychiatry. It will offer a fully functional clinic specializing in wound care, total contact casting, treatment of complicated soft tissue and bone infections, and finally surgical reconstruction for the recalcitrant and unstable lower extremity. Lastly, we offer all of our patients' comprehensive education services on Nutrition, Diet and Exercise, Evaluation of the Diabetic Foot, Vascular Disease, Treatment and Prevention of Ulcerations, Endocrinology, Depression and Diabetes, and Prevention and Treatment of Infections.



TUSPM Sports Medicine Club



(L-R) Emily Anzmann, Emily Keeter, Kurt Kibler, Adam McDonald, Jared Cicero, Matthew Waxman, Elliot Fialkoff, Dr. Howard Palamarchuk, Michael Price, Jonathan Pirak, Jeffery Zimmerman, and Rebecca DeSimone.

On Sunday, May 4th, members of the Sports Medicine Club at TUSPM provided podiatric care at the 35th Annual Broad St. Run in Philadelphia. The group was led by **Dr. Howard Palamarchuk**. Temple has been volunteering at the event since 1984. It is the largest 10-mile race in the United States, with over 40,000 runners participating in the event.

TUSPM Practice Management Club Members



(L-R) Ricky Kaufman, Justin Lobello, Aisha Jasani, Jackie Chen, Dr. Hal Ornstein, Rebekah Cherian, Tayyaba Hasan, and Benjamin Marder

Dr. Hal Ornstein, chair of the American Academy of Podiatric Practice Management recently traveled on a snowy evening into Philadelphia to speak with over sixty TUSPM students. The student members of the AAPP at TUSPM have worked diligently to help tackle childhood hunger in America by supporting De-FEET Childhood Hunger.

National Issues in Healthcare

Aspirin delays wound healing: knowledge will impact treatment of chronic wounds

In addition to its known capacity to promote bleeding events, aspirin also inhibits wound healing. New research published in *The Journal of Experimental Medicine* now describes how aspirin acts on key skin cells called keratinocytes, delaying skin repair at wound sites. A better understanding of this process offers hope for the development of drugs to encourage wound healing.

The public health impact of chronic wounds is significant, affecting 6.5 million people in the US alone. Chronic wounds, a common complication of diabetes, are an increasing healthcare burden due to the rising incidence rates for obesity and diabetes. Wound healing is a complex process that is dependent on the restoration of the epithelial layer, the outermost layer of the skin, over the wound surface. Skin cells called keratinocytes play an important role in this process.

"This study describes a novel mechanism for aspirin's effect in delaying wound healing and suggests that aspirin should be used with caution in patients with chronic wounds," says lead author Takehiko Yokomizo.

Further work will be required to establish whether optimal treatment for wound healing might require a combination of approaches. This study offers hope that it may be possible to develop drugs that promote the healing of chronic wounds in humans.

Higher risk of high blood pressure for socially disadvantaged

The risk of high blood pressure is clearly related to social status. A low income, a lower level of education, the type of profession performed, but also a migration background, are all risk factors that again primarily affect women.

In a recent study of the socio-demographic aspects of

hypertension, the experts in social medicine used international and national data to conclude that, in the context of hypertension and its treatment, variables such as education, income, employment, professional status and migration background increase the risk of developing the condition. At the same time, existing hypertension in people who have these risk factors is more difficult to control, and the target levels are achieved less often.

There is also a direct relationship between social status and health behavior. "A higher income means finding it easier to make lifestyle choices and a higher education means you are more likely to live a healthier lifestyle." These differences in socio-economic status also lead to different uptakes of health services, such as the utilization of screening opportunities, but also additional insurance. Not only can social factors influence health conditions, but the same is true in reverse: "A lower social status can be a consequence of poor health. Illness can therefore lead to disadvantages in terms of education and career opportunities."



Around Town



The Philadelphia Museum of Art
 (one mile from campus)



The Philadelphia Convention Center
 Plays host to the Auto Show and the Flower Show which is the most attended event at the Center

Temple University News

Temple University Hospital Establishes Public Cord Blood Donation Program



(Philadelphia, PA) – Temple University Hospital (TUH) is the first hospital in the city of Philadelphia to establish a public cord blood donation program, giving new parents the ability to give one life and save another: by bringing their baby into the world, and by donating stem cells from the otherwise-discarded umbilical cord blood. These stem cells can be made widely available to patients in need of life-saving transplants.

TUH's Women and Infant's Division is partnering with The Mason Shaffer Foundation and Community Blood Services – a non-profit organization that operates a public-cord bank in New Jersey – to establish The Mason Shaffer Public Cord Blood Program at Temple, at no charge to donors or to TUH.

Expectant moms and families receive educational guidance about the opportunity to donate their babies' umbilical cord blood for free. This donation is then listed on the National Marrow Donor Program's "Be the Match" Registry for use by patients in need of a stem cell

transplant, and by researchers to advance the development of new treatments.

"After a baby's birth, and after the cord is clamped and cut, the blood remaining in a portion of the umbilical cord and the placenta is collected with no risk to baby or mother. This cord blood is a rich source of stem cells which can be used to treat leukaemia, lymphoma, sickle cell anaemia, and about 70 other cancers and diseases," says Dimitrios Mastrogiannis, MD, Temple's Director of Obstetrics and Maternal Fetal Medicine and Director of Labor and Delivery.

"Ethnically-diverse groups are underrepresented as cord-blood donors, and have a lower chance of finding a matching donor. Having a more diverse registry helps to increase the likelihood that all patients will find a match – giving more minority patients the same chance at life as Caucasians, while also facilitating research of diseases prevalent in minority populations. Furthermore, cord blood donation could also enhance our basic research programs on fetal and neonatal immunity" he adds.

The new program at Temple is one of only a dozen state-wide and the only one in Philadelphia County. It is named in honor of 5-year-old Pennsylvania resident Mason Shaffer, whose life was saved by a public cord blood donation after being diagnosed with Malignant Infantile Osteopetrosis, a life-threatening blood disorder, when he was just seven months old.



Temple University Hospital is a general medical and surgical hospital in Philadelphia, PA. It performed nearly at the level of nationally ranked U.S. News Best Hospitals in 8 adult specialties, as shown below. Temple University Hospital has 721 beds. The hospital had 35,247 admissions in the latest year for which data are available. It performed 7,618 annual inpatient and 5,798 outpatient surgeries. Its emergency room had 125,220 visits. Temple University Hospital is a teaching hospital.



National Constitution Center

The National Constitution Center, a hands-on museum, national town hall, and civic education headquarters just steps from Independence Hall, Liberty Bell and only one block from our campus.



Blue Cross River Rink

(located less than one mile from campus)

The Blue Cross River Rink proudly celebrates 20 years as Philadelphia's only outdoor, Olympic-sized public ice rink. The Blue Cross River Rink offers public skating sessions, parties, private functions, season-long special events, skate rentals and sharpening.