

Office of Faculty Development Newsletter

spotlight on Women in Medicine & Science

Thursday, September 11, 2014
1:30-5:30 pm SLCH 3rd Floor Auditorium

Keynote Speaker

Elena Fuentes-Afflick, M.D., M.P.H.



University of California San Francisco
Professor and Vice Chair of Pediatrics
Professor of Epidemiology and Biostatistics
Chief of Pediatrics, San Francisco General Hospital

Dr. Fuentes-Afflick is a pediatrician and epidemiologist and has conducted research studies focused on issues of acculturation, immigrant health, and health disparities. She is also interested in the portrayal of body mass images in Latino television media, principally in telenovelas.

Washington University School of Medicine Speakers

Susan Culican, M.D., Ph.D., Associate Professor, Ophthalmology and Visual Sciences
Specialty Areas: Pediatric Ophthalmology, Glaucoma, Cataract

Vicky Fraser, M.D. Adolphus Busch Professor of Medicine, Chairman, Department of Medicine
Infectious Diseases

Katherine Henzler-Wildman, Ph.D., Assistant Professor Biochemistry and Molecular Biophysics, Computational and Molecular Biophysics Program, Biochemistry Program

Ellen Lockhart, M.D. Associate Professor and Vice Chairman, Anesthesiology

Office of Faculty Development

[Brian Hackett](#), MD, PhD, Director
[Bess Marshall](#), MD, Associate Director
[Janet Braun](#), Program Coordinator, 454-4952



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Faculty Development

Mentoring Assistance

The Department of Pediatrics Office of Faculty Development would like to assist those at the [Instructor or Assistant Professor rank](#) in obtaining mentoring to achieve your goals as a faculty member. We can provide support in arranging regular meetings of your mentorship committee. We recommend that these committees meet at least twice a year.

If you would like our assistance, please contact Bess Marshal or Brian Hackett and let us

know who your mentors are, approximately how soon you would like your committee to meet, and how frequently you would like to meet. We will then add you and your committee members to our database and will schedule the meetings for you and find meeting space.

[If you lack a committee and would like assistance in forming one, please let us know.](#)

If you have any questions, please feel free to inquire of either of us.

New Faculty Orientation

New Pediatric Faculty Orientations

New faculty are asked to attend all the orientation programs listed below. **See below for each program's registration.**

Pediatrics Administration, July 1, 7:30 am—noon (until 5 pm for those who need Allscripts training); SLCH Auditorium

This orientation covers training, benefits and certain organizational/systems overviews.

[No registration](#)

Faculty Affairs: August 21, 2014, 7 am-12:30 pm, Eric P. Newman Education Center (EPNEC) Topics: Faculty resources, faculty council, diversity, safety, security, information services, research, HR (Not pediatric specific)

[FA Registration Link](#)

Pediatrics Office of Faculty Development: August 29, 2014, 10:30 am-1:30 pm, NWT10A

Topics covered: Clinical organization, teaching opportunities, promotion guidelines, annual reviews, mentoring, Physician Services, Academic Women's Network

[OFD Registration Link](#)

Grand Rounds

Pediatric Grand Rounds Hosted by Office of Faculty Development

Friday, September 12, 2014 9:15-10:15 am

Clopton Auditorium

Dr. Fuentes-Afflick (See front page) will also speak at Grand Rounds.

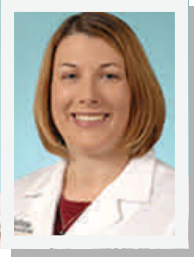
APGAR Amendments Ratified

The faculty vote for ratification of the amendments to the School of Medicine's Appointments and Promotions Guidelines and Requirements (APGAR) document was completed on April 30. The amendments were affirmed overwhelmingly. View the final document on

[OFD's website](#). The change in title for the Research Track will be implemented with the start of the new academic year in July. For your benefit, please take this opportunity to review and become familiar with these guidelines and requirements.

Excellence in Medicine

Fritz Named Peds Education Program Director of Clinical & Transitional Sciences



Stephanie Fritz, M.D., M.S.C.I. has been named the Pediatrics Education Program Director for the Washington University School of Medicine Institute of Clinical and Translational Sciences. As Director, Dr. Fritz hopes to promote the development of physician-scientists focused on

improving child health through translation of basic science into evidence-based clinical practice. To accomplish this goal, Dr. Fritz will offer personalized guidance to enable trainees and junior investigators to effectively navigate the Washington University research infrastructure to secure needed resources available on campus.

As a graduate of both the Postdoctoral Mentored Training Program in Clinical Investigation and the KL2 Career Development Program, Dr. Fritz is well-suited to advise trainees about the ICTS Clinical Research Training Programs. Additionally, in collaboration with Megan Cooper, MD, PhD, Dr. Fritz directs the Summer Program for Pediatric and Research Careers (SPPARC). The goals of this program are to facilitate interactions among undergraduate students working in the Department of Pediatrics and to expose them to a spectrum of career paths within the biomedical sciences, with a focus on pediatrics and research. Dr. Fritz looks forward to inspiring the next generation of physician-scientists in clinical and translational investigation!

Druley: Babies with Leukemia Inherent Genetic Predisposition

Babies who develop leukemia during the first year of life appear to inherit an unfortunate combination of genetic variations that can make the infants highly susceptible to the disease, according to a new study at the WUSM and the University of Minnesota. The research is available online in the journal *Leukemia*.

Doctors have long puzzled over why it is that babies just a few months old sometimes develop cancer. As infants, they have not lived long enough to accumulate a critical number of cancer-causing mutations.

The babies appear to have inherited rare genetic variants from both parents that by themselves would not cause problems, but in combination put the infants at high risk of leukemia. These variants most often occurred in genes known to be linked to leukemia in children, said **Todd Druley, M.D., Ph.D.**, a Washington University pediatric oncologist. [More...](#)



Tarr & Warner: Gut Bacteria and Sepsis

Babies born prematurely are surviving in increasing numbers. But many withstand complications of early birth only to suffer late-onset sepsis after infants reach 72 hours of age. While early-onset sepsis often is caused by pathogens acquired from the amniotic sac or birth canal, the causes of late-onset sepsis have been far less clear.

But now, researchers at WUSM have discovered that preterm babies' guts harbor infectious microbes that can cause late-onset sepsis. The research is published March 19 in *Clinical Infectious Diseases*.

"There is a tremendous emphasis in intensive-care units throughout the world on stopping infections related to the insertion of IVs, catheters or other tubes, but that leaves a sizable subset



of people who get bloodstream infections from germs that don't necessarily reside on the skin," said senior author **Phillip Tarr, M.D.**, the Melvin E. Carnahan Professor of Pediatrics. "It's been suspected that these other infections come from the gut. This research proves that."

The findings suggest new strategies to detect and prevent severe bloodstream infections in NICUs — and that such strategies include the gut as a target.

The findings also are relevant to other patient populations, said study co-author **Barbra Warner, M.D.**, a professor of pediatrics. "Although our study was in preterm infants, its applicability is much more broad and may include people who are susceptible to bloodstream infections. [More...](#)

Excellence in Medicine

Appointments

Sri S. Chinta, M.B.B.S., M.D. is appointed Instructor of Pediatrics in the Division of Emergency Medicine. Dr. Chinta obtained his M.B. and B.S. degrees from Andhra Medical College, India. After serving his residency and Chief Residency in Pediatrics at the Post Graduate Institute of Medical Education and Research in Chandigarh, India, he was Assistant Professor at Asram Hospital, Eluru, India for two years. Following an internship in pediatrics at Brookdale University Hospital and Medical Center, Brooklyn, NY, and a residency at Albert Einstein Medical Center, Philadelphia, PA, where he was awarded the Resident Teacher of the Year Award, he came to Washington University as a fellow in Pediatric Emergency Medicine and a Master of Science in Clinical Investigation. In 2012, the Section on Emergency Medicine of the American Academy of Pediatrics gave him the Ken Graff Young Investigator Award. His clinical research has included work on caregivers' attitudes toward CPR education and the use of ketamine for sedation for pediatric procedures, for which he has ICTS Postdoctoral Scholar funding and which he has presented at two national scientific meetings.

Todd N. Wylie, B.S., is appointed Research Instructor of Pediatrics in the Division of Laboratory Medicine. He began his career in genomics and informatics with the International Human Genome Sequencing Consortium, sequencing and mapping the human genome, followed by work on the mouse, macaque, platypus, soybean, zebrafish and other species, then proceeding to work on the genomes of patients with acute myeloid leukemia and other cancers. For seven years he managed technology development in bioinformatics in The Genome Institute before moving into Dr. George Weinstock's lab

working on human and microbial genomes. In his role in the Department of Pediatrics, he is working to develop a program to apply genomic methodology and bioinformatics to diagnosis and clinical interventions, including promoting collaboration with basic, translational, and clinical investigators and providing education of investigators in his areas of expertise.

Yanjiao Zhou, M.D., M.S., Ph.D. is appointed as Research Instructor in the Department of Pediatrics in the Division of Laboratory Medicine. Dr. Zhou earned his MD degree at Zhangjiakou Medical School, China, where he won first and third class scholarships for honored student, and a Master of Immunology from Tianjin Medical University, China. He then obtained a PhD in Microbiology and Infectious Disease at the Rockefeller University, New York, NY, where he returned in the role of postdoctoral associate with Dr. Nina Papavasiliou at The Laboratory of Lymphocyte Biology, The Rockefeller University, New York, NY. Afterward, he came to Washington University as a postdoctoral associate with Dr. George Weinstock, then as a staff scientist at the Genome Institute before being appointed as Research Instructor in Pediatrics.

His research work has focused on antibiotic resistance in Staph Aureus and then in metagenomic analysis and comparative genomics, including work on the effects of diet on the gut flora of primates, gut flora in Necrotizing Enterocolitis and the role of microbiome in preterm birth. Dr. Zhou has also been involved in a project determining the DNA end structure using high throughput sequencing in cells deficient in factors that protect broken DNA ends. Dr. Zhou has published more than fifteen peer-reviewed manuscripts.

Research

CDI Awards \$3.1 Million in Pediatric Research Grants

Scientists researching pediatric lung disease, childhood cancer, malaria and short bowel syndrome will share \$3.1 million in new grants from the Children's Discovery Institute (CDI). The CDI grants, announced earlier this year, will fund 10 research initiatives at WUSM.

"These 10 projects illustrate the CDI's emphasis on giving investigators the opportunity to pursue bold questions in pediatric disease by building creative collaborations and daring to think outside the box," said Mary Dinauer, M.D., Ph.D., the CDI's scientific director, the Fred M. Saigh Distinguished Chair in Pediatric Research at Children's Hospital, and professor of pediatrics and of pathology and immunology at the School of Medicine. [More...](#)

The ten recipients of the grants are:

Jeffrey Magee, M.D., Ph.D.
Todd Druley, M.D., Ph.D.
Vikas Dharnidharka, M.D.
Nicole Gilbert, Ph.D.
Amanda Lewis, Ph.D.
S. Celeste Morley, M.D., Ph.D.
Thad Stappenbeck, M.D., Ph.D.
Susan Dutcher, Ph.D.
Audrey Odem, M.D., Ph.D.
Scott Saunders, M.D., Ph.D.

Research Awards

PI	Award	Title
Canter, C.	NIH/R01	Genotype Phenotype Associations in Pediatric Cardiomyopathy
Cole, F.S.	NIH/R21	Lipidomic Screening for Functional Surfactant Gene Mutations
Cole, F.S.	PCORI	Bringing I-Pass to the Bedside: A Bundle to Improve Patient Safety and experience
DeBosch, B	DDRCC	Role of Enterocyte GLUT9 in Uric Acid Transport and Metabolic Homeostasis
French, A.	Rheumatology Research Foundation	Single Mass Cytometry Profiling of Immune Responses in Poly-articular JIA
Kozel, B.	HRSA	Indications for Chromosomal Microarray Following Fish Diagnosis of Williams Syndrome
Kozel, B.	HRSA	Informational Materials for Williams Syndrome
Magee, J.	DOD	Temporal Changes in FLT3-ITD Regulation of Stem Cell Self-Renewal and Leukemogenesis
Magee, J.	SLCH Foundation	The Role of DUSP4 in Hematopoietic Stem Cell and Leukemic Self-Renewal
Orvedahl, A.	PIDS	Mammalian Immunity in Genome Stability
Odom, A.	NIH/R15	Design and Study of IspF Inhibitors as Antibacterial Agents

Research

Research Awards Continued

PI	Award	Title
Pittman, J.	Cystic Fibrosis Foundation Therapeutics, Inc.	Therapeutics Development Center-Infant and Preschool Pulmonary Function
Rubin, J.	NIH/R01	Molecular Basis for the Impact of Sex on Brain Tumorigenesis
Storch, G.	HRSA	HIV Medical Case Management Services
Storch, G.	HRSA	HIV Medical Case Management Services
Storch, G.	HRSA	HIV+ Youth in Medical Case Management Service, Evidence-Based HIV Prevention Interventions for African-American Men
Storch, G.	HRSA	MAI Contracts
Storch, G.	HRSA	Medical Case Management
Storch, G.	HRSA	Medical Case Management II
Storch, G.	HRSA	Perinatal Case Management
Storch, G.	HRSA	Treatment Adherence Counseling Services
White, N.	Case Western Reserve Univ.	Hearing Impairment in Long-Term Type 1 diabetes
Yu, F.	PCORI	PEDSNet: A National Pediatric Learning Health System

Research Events

Weekly Forum Tuesdays 4:00pm in NWT Room 10A

June 10 (Didactic)
Andy White, MD
Teaching Fellows How to Teach

Research in Progress Series Every Other Friday 3:15PM in CSRB Room 801

June 20- Druley Lab - TGIF hosted by Bednarski Lab

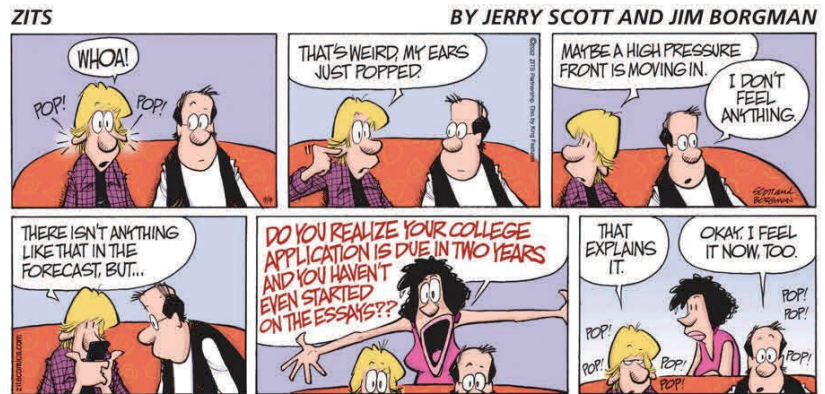
Work Life Balance

Faculty Breakfast: Building a College Portfolio

“How to guide your high school student in building a college portfolio.”

Friday, June 13, 2014
8:00 am—9:00 am
NWT8C

Speaker: Grace Kiang
Associate Director of Admissions
WUSTL
Undergraduate Admissions



Financing College

WUSM SPOUSE/DOMESTIC PARTNER TUITION ASSISTANCE

After one year of continuous full-time service your spouse/domestic partner may use the tuition assistance benefit to pay for undergraduate courses taken at the University through a part-time evening program. After five years of full-time service the benefit will cover undergraduate level day courses at the University. The benefit pays 50% of the tuition cost. This benefit is tax-free for spouses, but is a taxable benefit to the employee when utilized for domestic partners.

WUSM DEPENDENT CHILD TUITION ASSISTANCE

After seven years of full-time service (or its equivalent if you work part-time), your eligible dependent children may receive up to eight semesters of tuition assistance for undergraduate studies. The level of benefit paid is determined by your date of hire and full or part-time status at the time you utilize the benefit. Tuition assistance benefits are tax-free for birth, adopted and stepchildren. Benefits for children of domestic partners are a taxable benefit to the employee. Special Note: Prior full-time service at another accredited university may count toward the service requirement for this benefit.

Missouri's Savings for Tuition Plan (MOST) – The University offers the convenience of direct deposit into Missouri's 529 plan. Contributions may be used for qualified college expenses such as tuition, books and room & board. Missouri residents receive a state tax deduction on contributions. For more information on the MOST Plan contact (800) 868-3585 or visit their website at <http://missouricollegesavings.com>.

Private College 529 Plan – Purchase tomorrow's tuition at today's prices with certificates that can be redeemed for tuition at any of the Plan's 270 participating private colleges across the country. For more information on the Private College 529 Plan contact (314) 727-0900 or visit their website at <http://www.privatecollege529.com>.

Schools Out for Summer

Summer opportunities for students through high school are available on [OFD's website](#).

