Margareta Pisarska, MD Accepted into Prestigious National Leadership Program: Executive Leadership in Academic Medicine (ELAM)

Margareta Pisarska, MD, was recently accepted as a fellow in the highly competitive Hedwig van Ameringen Executive Leadership in Academic Medicine (ELAM) Program at Drexel University College of Medicine. The program is dedicated to preparing women for senior leadership roles in academic health sciences institutions, where they enhance institutional leadership diversity while contributing to organizational strategy and innovation.

“The skills in strategic finance, organizational change, and leadership that these women will be honing and practicing over this coming Fellowship year will increase their capacity for leading organizational change in their own institutions and beyond,” stated Nancy Spector, MD, ELAM’s Director.

Upon completion of the one-year Fellowship in April 2017, Dr. Pisarska will join a community of over 1,000 alumnae, all highly accomplished women serving in a variety of leadership positions around the world.

The Office of Faculty Development supported Dr. Pisarska’s application in collaboration with the UCLA David Geffen School of Medicine which also has an incoming ELAM Fellow, Ming Guo, MD, PhD.

High Impact Faculty Publication: Robert Baloh, MD, PhD

Faculty Developments is beginning a new feature focusing on recent high impact publications from faculty. Robert Baloh, MD, PhD’s recent discovery and publication in Science is highlighted for this inaugural feature.

C9orf72 is required for proper macrophage and microglial function in mice (Science, 351:1324-1329, 2016) http://science.sciencemag.org/content/351/6279/1324

“Amyotrophic lateral sclerosis (ALS) is a progressive degenerative disease without effective treatment. We found that the most common gene responsible for ALS plays a critical and unexpected role in innate immune (myeloid) cells, including those that reside in the brain. This suggests that resident myeloid cells in the brain play an active role in promoting neurodegeneration in ALS, and regulation of their function could be a valid target for further therapeutics development.”
Faculty Development Summer Series:
On-going Academic Excellence at Cedars-Sinai

Jennifer Van Eyk, PhD

Proteomic Centric Precision Medicine: Understanding Pathological Diversity

Tuesday, June 21, 2016
5:00 p.m. – 6:00 p.m.
AHSP PEC 5

Precision medicine requires success in two intertwined aspects: precision therapy and personalized medicine. Our underlying premise is that an individual's baseline proteome, the protein content, reflects their past and present. Thus, the individual's proteome will dictate their future health and disease. This concept has driven decision making around new drug trials that take into account altered pathological proteomes. Most recently, we have expanded to develop technical pipelines for biomarkers and health screening that reduces the barriers around sex, age and social economic status.

Beth Karlan, MD

Precision Medicine and Opportunities to Improve Ovarian Cancer Outcomes

Tuesday, July 12, 2016
5:00 pm – 6:00 pm
HMCC 4 & 5

The promise of precision medicine has captured the hopes of patients, physicians and scientists. The “Cancer Moonshot” is emblematic of these goals and the desire to accelerate progress. Ovarian cancer is an orphan disease due to its relative rarity, and has seen little improvement in survival in many decades. Cedars-Sinai’s Women’s Cancer Program has had a long standing interest in ovarian cancer and has made important contributions to understanding its etiology, biologic behavior, risk assessment and genetics, early detection and treatment. Findings from the recent IOM report on evolving paradigms in ovarian cancer research and care will also be discussed.

David Engman, MD, PhD

Trypanosomes: Tropical Parasites that Cause African Sleeping Sickness and Chagas Disease

Tuesday, August 30, 2016
5:00 pm – 6:00 pm
AHSP PEC 5

Trypanosomes are single celled parasites transmitted by blood-sucking insects that cause a variety of human diseases in many millions of people throughout the Americas (including the US) and sub-Saharan Africa. In this presentation I will describe the different strategies these agents use to evade the human immune response, the mechanisms by which disease develops. Finally, I will demonstrate how we and others approach drug discovery for these serious and widespread infections and use these unique cells as model systems for mammalian ciliary structure and function.
Congratulations to the most recent Cedars-Sinai academic appointment holders and promotions

Appointments

Instructors
  - Low, Sarah, MSN, Medicine
  - Santiago, Lawrence, EdD, Medicine

Assistant Professors
  - Accortt, Enyav, PhD, OB-GYN
  - Afghani, Elham, MD, Medicine
  - Almario, Christopher, MD, Medicine
  - Andres, Allen, PhD, Medicine
  - Aron, Rebecca, MD, Anesthesiology
  - Coleman, Bernice, PhD, Biomedical Sciences
  - Consilvio, Christian, MD, Anesthesiology
  - Gaddam, Srinivas, MD, Medicine
  - Haritunians, Talin, PhD, Medicine
  - Hayes, Chelsea, MD, Pathology & Laboratory Medicine
  - Koo, Jamie, MD, Pathology & Laboratory Medicine
  - Patil, Rameshwar, PhD, Neurosurgery
  - Savar, Louis, MD, Surgery
  - Sheyn, Dmitriy, PhD, Surgery
  - Zeng, Ying (Angie), MD, Anesthesiology

Associate Professors
  - DeCastro, Maria, MD, Anesthesiology
  - Dey, Damini, PhD, Biomedical Sciences
  - Jamil, Laith, MD, Medicine
  - Kahwaji, Joseph, MD, Medicine
  - Song, Shlee, MD, Neurology

Professors
  - Irwin, Scott, MD, PhD, Psychiatry
  - Perez, J. Manuel, PhD, Neurosurgery, Biomedical Sciences, Imaging
  - Silverman, Stuart, MD, Medicine

Promotions

Associate Professors
  - Danielpour, Moise, MD, Neurosurgery
  - Liu, George, MD, PhD, Pediatrics
  - Tuli, Richard, MD, PhD, Radiation Oncology

Professor
  - Medina-Kauwe, Lali, PhD, Biomedical Sciences
Since its inception in 2008, the Professorial Structure has undergone updates to provide faculty, medical staff and other academically qualified individuals engaged at the medical center with opportunities to receive appropriate recognition for scholarly and educational achievements.

Academic Human Resources recently announced several enhancements that continue these efforts and provided informational workshops for faculty and administrators. Enhancements include: addition of a Research Professor Track, creation of a Senior Instructor rank, guidelines for referee selection, and expansion of the mandatory five-year review outcomes. For more information about these enhancements, and the workshop slides, please visit the Academic Human Resources intranet website: http://web.csmc.edu/research-and-education/academic-appointments/csmc-appointments/.

### Research Professor Track
- Intended for collaborative scientists who make important and meaningful contributions to a research program
- Requires high quality basic, translational or clinical research
- Mentoring and sharing of research information and outcomes is expected; didactic teaching and lecture may not be
- Appointees as Professor should hold Co-I (possibly PI) status on grants
- Reviewed by Cedars-Sinai Academic Promotions and Appointments Council

### Senior Instructor Rank
- Promotional rank for Instructors in all tracks whose primary academic contributions are teaching and education
- Criteria requires excellence in clinical and didactic teaching
- Potential for growth in clinical and scholarly accomplishments in a candidate’s professional field are encouraged but not required
- Referees will be solicited to confirm firsthand knowledge of candidate’s clinical competency, educational excellence
Spotlight on Medical Education

The Office of Faculty Development looks forward to including a quarterly newsletter feature on medical education. This issue will kick-off the new feature with a variety of educational resources and information provided by Graduate Medical Education, Continuing Medical Education, the Medical Library, and the Women’s Guild Simulation Center for Advanced Clinical Skills.

Develop Clinical Skills, Improve Teamwork and Collaboration, and Increase Patient Safety at the Women’s Guild Simulation Center for Advanced Clinical Skills

Join the 20,000 plus learners annually who are currently engaged in experiential based learning. Some current courses taking place within the venue:

- Anesthesia Difficult Airway
- Virtual Surgery
- Team based cardiac arrest
- End of life care decision making
- Central line insertion

- Malignant hyperthermia simulation
- Fire in the OR
- Peripheral IV access
- Ebola simulation training
- Neurosurgical skills

- Process management simulation
- Team leadership in crisis situations
- Neonatal cardiac arrest management
- Emergency medicine team based simulation
- Trauma management simulation

To talk about potential course ideas please email: Simulationandtrainingcenter@cshs.org.

Contacts: Russell Metcalfe-Smith, Simulation Center Manager, 424-315-4425
Ai Jin Lee, Simulation Educator, 424-315-4422

Medical Library Supports Scholarly Publishing

Cedars-Sinai authors published **262 papers** for April 2016. This represents a 14% increase from April 2015.

The Medical Library encourages and fosters scholarly output by maintaining and managing a selection of high caliber databases and content. The library provides publication support through regularly scheduled instruction on subscribed content that promotes information literacy and aids authors with the publication process.

Upcoming CME Courses

The Office of Continuing Medical Education is implementing a new CME portal where faculty will be able to view and print transcripts, complete evaluations and register for courses. Upcoming CME courses continue to be listed online at: cedars-sinai.edu/Education/Continuing-Medical-Education/Courses/index.aspx
Debra DaRosa, PhD Engages Faculty on Teaching and Education

The Office of Faculty Development hosted two talks on education in April given by Debra DaRosa, PhD, Professor Emerita of Surgery and Medical Education at Northwestern University Feinberg School of Medicine. DaRosa drew a sizeable audience of faculty to hear her talks: *Maximally Invasive Teaching and Learning in the Operating Room*, and *How People Learn*.

For the surgical educators DaRosa described a systematic approach for teaching in the OR that promotes graduated autonomy. She discussed the “Zwisch” model which aims to provide both faculty and residents with specific stages of supervision allowing for adequate, safe training in a graduated manner to develop fully trained surgeons. The model includes four levels: Show and Tell; Active Help; Passive Help; and Supervision Only. A major benefit of the Zwisch model is the simplicity with which it can be implemented and used to train and assess residents in the OR. (*DaRosa DA, Zwienenberger JB, Meyerson SL, et al. A theory-based model for teaching and assessing residents in the operating room. J Surg Educ. 2013;70(1):24-30.*)

DaRosa’s second talk focused on how people learn. She emphasized that people do not learn if information is just presented to them. Didactic lectures lose their effectiveness after fifteen minutes and learners’ attention begins to wander. It is critical to use new visual/auditory stimuli and most importantly something to engage your audience in the learning process. DaRosa asserted that people learn by being held responsible for the information for which they are being taught. She also advocated for Kolb’s learning cycle which proposes that we all learn from our experience in a cyclical way. To complete the cycle, people then need to be able to practice the new skills they have learned. At the conclusion of her talks, DaRosa challenged faculty to assess their own teaching as applied to the presented principles of learning.

Summer Scholar Presents at Southwestern Surgical Congress

Lia Aquino, a research intern in the 2015 Summer Scholars Program, a pipeline program the Office of Faculty Development established with Charles Drew University of Medicine and Science, has a bright future ahead thanks to hard work and the mentorship of Rodrigo Alban, MD.

“The Research Internship Program sponsored by Academic Human Resources at Cedars-Sinai has been a tremendous success. I was privileged to mentor an excellent pre-med student who showed a lot of interest and hard work. Lia Aquino was able to participate in my research for 6 months and in this time she was involved in 14 abstract or poster submissions, including 2 manuscripts which have already been published and give a podium presentation at the Annual Southwestern Surgical Congress meeting held in San Diego this year. She was the only pre-med student who had an oral presentation at this prestigious meeting. Mentoring young and talented students is a privilege for which I am very proud of. I am sure she as well as other excellent research interns participating in this excellent program will grow to become successful physicians and perhaps academicians in the near future.” - Rodrigo Alban, MD
Calendar of Events

June

6/15/16: **PhD Student Commencement**: Graduate Program in Biomedical Sciences and Translational Medicine
4:00 p.m., Harvey Morse Auditorium

6/21/16: Summer Series– Ongoing Academic Excellence: **Proteomic Centric Precision Medicine**: 
**Understanding Pathological Diversity**
By: Jennifer Van Eyk, PhD, 5:00 p.m.—6:00 p.m., AHSP PEC 5

July

7/12/16: Summer Series– Ongoing Academic Excellence: **Precision Medicine and Opportunities to Improve Ovarian Cancer Outcomes**
By: Beth Karlan, MD, 5:00 p.m.—6:00 p.m., Harvey Morse Conference Center 4 & 5

August

8/1/16: **New Faculty Orientation**
7:30 a.m.—1:00 p.m., AHSP PEC 6 & 7

8/30/16: Summer Series– Ongoing Academic Excellence: 
**Trypanosomes: Tropical Parasites that Cause African Sleeping Sickness and Chagas Disease**
By: David Engman, MD, PhD, 5:00 p.m.—6:00 p.m., AHSP PEC 5
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