

SPRING 2016
ISSUE 2



CMS NEWSLETTER

RFU FEST

*Alumni, students, faculty
and staff gather for a weekend
of activities.*

PAGE 8

SUMMER RESEARCH AT THE SINAI URBAN HEALTH INSTITUTE

*Five students participated in
the Summer Internship
Program at SUHI.*

PAGE 15

ALL SCHOOL RESEARCH CONSORTIUM

*Students from across the
university present their
research.*

PAGE 21

Match Day!

M4s celebrate a rite of passage as they learn where they will be continuing their education and career.

On March 18, the CMS Class of 2016 — along with fourth-year medical students all around the country — celebrated the next step in their medical careers as they discovered where they will be completing their residencies after graduation. After months of interviewing with residency programs across the country, students submitted their Rank Order Lists on February 24. Since then, they have been anxiously waiting to learn their results.

On Match Day, students invited their family and friends to the university to celebrate with them. The festivities began with a Match Breakfast in the DNA Café, followed by speeches by Class President **Kimberly Burfiend**, CMS '16; **James Record**, MD, JD, FACP, Dean of CMS; and **Allegra Bohlen**, MEd, Director of Student Affairs and Career Development. Then the students and their guests paraded upstairs, where computer monitors displayed a countdown to the moment when students would open their

(continued on page 3)

CMS NEWSLETTER

SPRING 2016

IN THIS ISSUE:

- Cover Match Day
- 2 Dean's Message
- 4 Recent CMS Changes
- 6 Multidrug Resistance
- 7 Morehouse Visit
- 8 RFU Fest
- 9 CMS Distinguished Alumnus
- 10 Diversity Events
- 12 State of the Medical School Address
- 13 Gold Humanism Honor Society & Alpha Omega Alpha
- 14 Operation M.E.D.S.
- 14 2015-2016 Franklin Fellows
- 15 Summer Research at SUHI
- 16 CMS Faculty Mentors
- 18 Summer Research Poster Session
- 19 Resuscitation Institute Updates
- 19 Dr. Rosalind Franklin Pageant
- 20 Diwali Show
- 21 Black History Month Choral Performance
- 21 All School Research Consortium
- 22 Research Spotlight
- 23 Alumni Give Back
- 24 School & Department News



Greetings from Dean Record

Spring brings an annual spiritual and floral renewal that heralds brighter days ahead. At CMS, we celebrate that joyful experience in a variety of ways. This year, with one of our best NRMP Matches, we are thrilled that the quality of CMS graduates is nationally recognized and excited by the prospect of our outstanding graduates' continued success. That success overflowed into our residency programs, both the established programs at FHCC and our newest, the Internal Medicine Program at Centegra Hospital-McHenry,

which had equally great Matches. Congratulations to all involved! And with our applications for the Class of 2020 numbering over 13,000 students, we are amazed at the quality of our incoming class and confident that they can continue to uphold the high standards of our outgoing students.

This year our full-scale departmental reorganization enters its final stage, and I am excited about the new energy and passion. With a renewed focus on integration and improvements to areas of clinical education, accreditation, academic advising, career advising, clinical site coordination and more, we are starting to see the full impact of our change in the service landscape. We have also begun to renovate our existing space, creating an environment organized around the interconnected needs of our students, staff and faculty. We look forward to starting the new academic year with a brighter and more inclusive space.

Being surrounded by world-class researchers and clinicians, I am constantly reminded how blessed we are to be at CMS as we strive to advance the vanguard of medical education. The pages that follow are a demonstration of the success and strength of our community.

Crescat et floreat!

James M. Record, MD, JD, FACP
Dean, Chicago Medical School

Match Day!

(continued from cover)

envelopes.

After students opened their envelopes — handed out at the one-minute mark by the four learning community mentors — they were invited to go up to a map and insert a pushpin to mark the location of their new residency program. Then students, family, faculty, and staff gathered in the Centennial Room for further celebration, which included donning Match Day-themed accessories for photo booth pictures.

The Class of 2016 had an excellent match list, with a match rate of 97 percent. The national match rate was 93.8 percent.

Although most students participated in the National Resident Matching Program (NRMP), several students participated in separate “early match” subspecialty matching programs and were notified of their results in January. **Ashley Neiweem**, **Kristin Minkowski**, and **Catherine Thomas** matched into advanced ophthalmology residencies through the San Francisco Ophthalmology Match, and **Andrew Ernst** matched into a military medical residency through the Military Match.

Congratulations to all our M4s! ■

From top to bottom: Maya Rolfe and Denise Nunez; Amanda Friend; Elizabeth Caudill; Stein Ingebretsen, Kimberly Moyle, Lindsea Abbott, Elizabeth Caudill, Thuy Vi Le, and Tuan Tom Le.



Recent CMS Changes

Chicago Medical School is always working to expand resources and opportunities available to students in order to improve their education and overall experience. Below are a few of the changes that have occurred in the past year to improve the student and faculty experience at CMS.

- The Office of Student Affairs and Education has appointed additional faculty and staff:
 - **Michael Moninger**, PhD – Director of Academic Advising and Student Success
 - **Jacqueline Valkanet** – Coordinator for Clinical Training
 - **Kimberly Rosenberg** – Senior Administrative Assistant

Additionally, **Mildred M.G. Olivier**, MD '88, FACS, was appointed as the new course director for Global Health Initiatives, and **Fiona McMahon**, MEd, was appointed Assistant Director of Student Affairs and Education.

- Several new electives have been established, including:
 - LGBTQI Healthcare
 - Outpatient Family Medicine elective at Dr. Richardson's private office in Oak Park
 - ENT surgery elective at Lovell Federal Health Care Center
 - Diagnostic Radiology elective at John H. Stroger, Jr., Hospital of Cook County
 - Transition to Internship elective at Lovell Federal Health Care Center
 - Throughout the current academic year, the Office of Student Affairs and Education has been recruiting and training specialty advisers to support students through the residency selection process. Fifty new advisers – more than half of which are alumni – have been recruited.
 - Starting last academic year, sub-internship assignments were put into One45, the same scheduling software used for M3 clerkship lotteries.
 - As of last academic year, CMS will cover the cost of students' BLS recertification.
 - CMS and Centegra Health System partnered to establish a new internal medicine residency program, which held its first match in March. The first class of residents will begin their residency at Centegra Hospital – McHenry on July 1.
 - Starting this year, a portion of the annual Senior Cruise will be subsidized by the CMS Dean's Office.
 - The Department of Clinical Sciences has continued to evolve with several new appointments that provide additional resources for students:
 - **Jean Kim**, MD – Education Director, Pediatrics
 - **Ariel Katz**, MD, MPH – Education Director, Clinical Skills
 - **Tonya Dixon**, RN, MSN, MBA, MPH – Education Specialist, Family Medicine and Internal Medicine
 - **Lisa Kasalajtis**, MD – Course Director, Clinical Skills
 - **Stephen Florent** – Undergraduate Medical Education Coordinator
- Additionally, **Stuart Goldman**, MD, was appointed executive chair of the department, and **William Rhoades**, DO, was appointed vice chair.
- The former Office of Faculty Talent Recognition and Enhancement has expanded to provide services and resources to students, and has thus been renamed the Office of Faculty and Student Talent Enhancement.

➤ An Office of Academic Learning Environment has been created, comprising the offices of Faculty and Student Talent Enhancement, Diversity, and Global Health, as well as the House and Learning Community Program. This new office is charged with creating an environment that fosters individualized progressive skill-based learning of medical students and faculty members; fostering professionalism and professional behaviors by adding diversity, health and wellness, and interprofessionalism within the medical community; and promoting a healthy and vigorous learning environment by recognizing and enhancing medical schools' most valuable resources (faculty and staff).

➤ The Office of Academic Learning Environment has developed the I4C Academic Rodeo speaker series, a faculty development program designed to prepare CMS faculty and administrators for issues surrounding new curriculum design and implementation. The presentations are open to faculty, staff, and students.

➤ The ACGME-RRR Annual Review Committee has approved the re-accreditation of the Endocrine Fellowship Training Program. ■



The recently restructured Clinical Sciences Department (top), Office of Student Affairs and Education (middle), and Office of Academic Learning Environment (bottom).

Clinical Sciences Department - Top row: Crystal Bloom, Maria Ramirez, Michael Zdon, Stephen Florent, Jim Sturino, Piyush Vyas, Adriana Velazquez, and Tonya Dixon; Bottom row: Georgette Pfeiffer, Stuart Kiken, and Naomi Parrella.

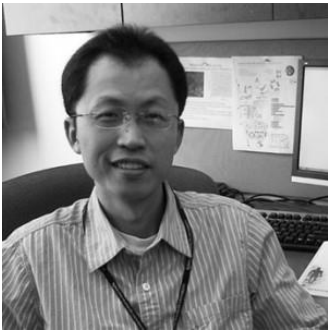
Office of Student Affairs and Education - Top row: Beverly McCardell, Carolyn Gilstead, Fiona McMahon, Gordon Pullen, Sally Venus, Katelyn Clark, Lori Wasion, and Jeanette Morrison; Bottom row: Arielle Jones, Allegra Bohlen, and Erika Ulrichs.

Office of Academic Learning Environment - Top row: Beverly McCardell, Lecia Slabaugh, and Mildred M.G. Olivier; Bottom row: Lisa Michaluk, William Agbor-Baiyee, Nutan Vaidya, and Tina King.



Multidrug Resistance

Research in the Department of Biochemistry and Molecular Biology.



Dr. Min Lu

associate professor in the Department of Biochemistry and Molecular Biology, has been exploring the biological processes of multidrug resistance in hopes of finding a solution.

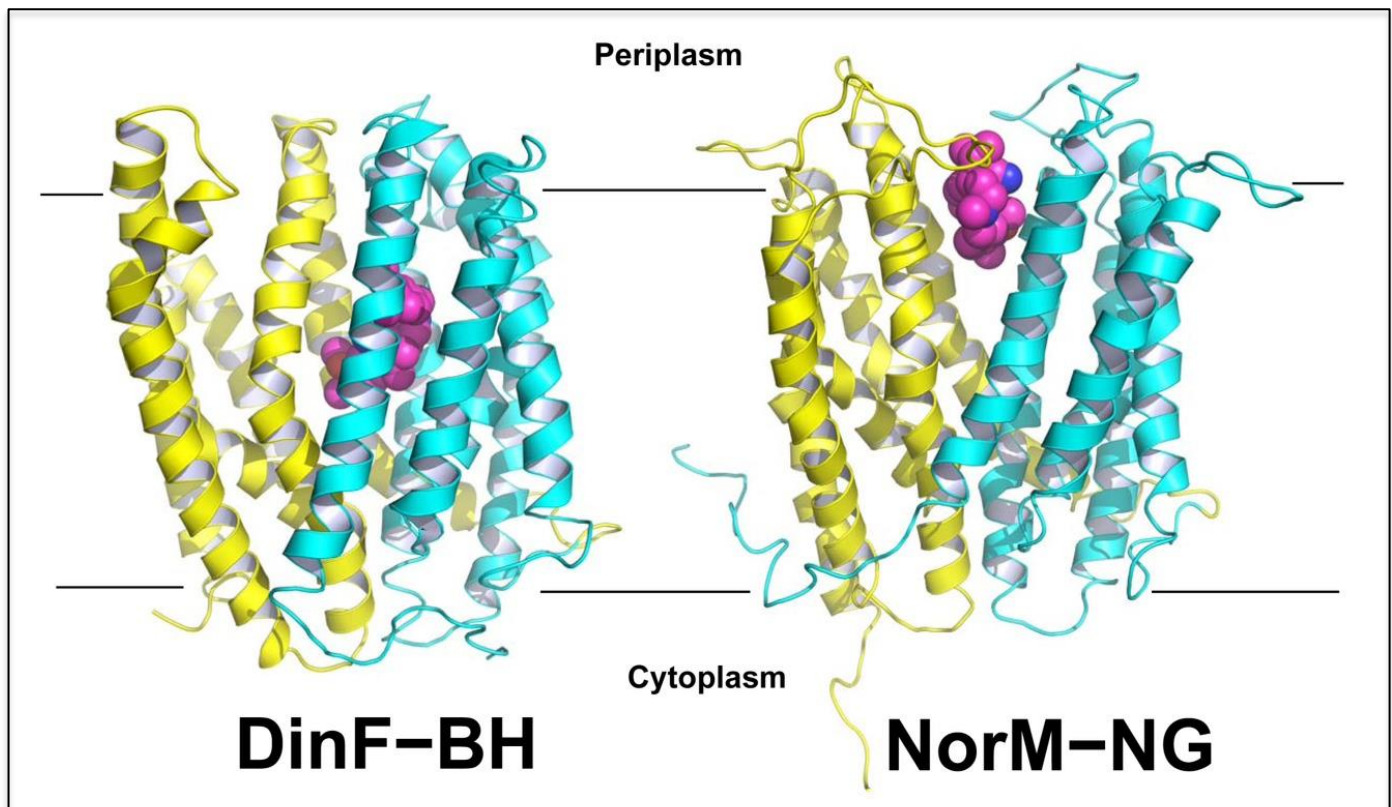
In 2010, Dr. Lu received a nine-year, \$2.7-million NIH grant to study the mechanisms of multidrug resistance. Since that time, this type of research has become even more imperative; in 2014, the World Health Organization released its first global report on antimicrobial resistance, in which it identified multidrug resistance as a serious threat to the future of public health. By studying the procedures that microorganisms use to resist the drugs meant to kill them, Dr. Lu's research could lead

Multidrug resistance — a condition where bacteria and other microorganisms develop the ability to resist antibiotics and other medicines — has emerged as a major obstacle to the effective treatment of infectious diseases and human cancers. **Min Lu**, PhD,

to new strategies for combatting this resistance.

One of the mechanisms underlying multidrug resistance is efflux, a process by which membrane proteins called multidrug transporters act as pumps to flush unwanted materials out of cells. In multidrug resistant microorganisms, these molecular pumps flush therapeutic drugs out of the cells before the drugs are able to kill the pathogen. Dr. Lu and his team examine this process, focusing on multidrug transporters from the multidrug and toxic compound extrusion (MATE) protein family. To date, medical researchers do not fully understand how MATE multidrug transporters work or how they can be inhibited. As more discoveries are made regarding how MATE transporters remove pharmaceuticals from cells, scientists will be better equipped to produce therapeutic strategies that evade the resistance mechanism.

In a study recently published in Nature Communications, titled “Structural Basis for the Blockade of MATE Multidrug Efflux Pumps,” Dr. Lu and his co-researchers — **Martha Radchenko**, PhD, former postdoctoral research fellow; **Jindrich Symersky**,



PhD, research assistant professor; and Rongxin Nie, SGPS '16 — provided the first molecular view of MATE multidrug transporters bound to a small-molecule pharmaceutical. Using X-ray crystallography, they depicted an H⁺-coupled MATE transporter and a Na⁺-coupled MATE transporter, each bonded to a pharmaceutical drug called verapamil. They also depicted the molecular structure of a MATE transporter trapped in its protonated state.

In their analysis, Dr. Lu and his team suggest that MATE-mediated drug expulsion is driven by the importation of H⁺ into cells. These results helped resolve an ongoing controversy surrounding the multidrug transport mechanism. Their research also suggests that verapamil can exert an inhibitory effect on different MATE transporters. By identifying these key mechanistic features of MATE transporters, Dr. Lu and his team have revealed potential weaknesses in the multidrug resistance process — discoveries that may open the way to new therapeutic strategies for combatting multidrug resistance and managing drug-drug interactions. ■

Opposite page: X-ray structures of verapamil-bound DinF-BH and NorM-NG: Both structures of the MATE transporters are viewed from the membrane plane, with amino and carboxyl domains colored in cyan and yellow, respectively. Membrane boundaries are indicated by black lines. Verapamil, an ion-channel blocker and broad-spectrum inhibitor of multidrug transporters, is drawn as magenta spheres.



CMS Visits Morehouse School of Medicine

Interchange of ideas to promote diversity and address disparities in medicine.

As part of Chicago Medical School's ongoing efforts to promote diversity in the school and in the field of medicine, a group of CMS administrators visited Morehouse School of Medicine (MSM) in Atlanta, GA. During this visit the group, which included Dean **James Record** and members of the newly structured Department of Academic Learning Environment and Department of Student Affairs and Education, met with Valerie Montgomery Rice, MD, president and dean of Morehouse School of Medicine, and other MSM administration to discuss diversity efforts in medical education and the medical profession.

MSM is renowned for its social mission, which includes efforts to increase the diversity of the health care workforce, improve the health care available to underserved populations, and address health disparities that exist along racial and socioeconomic lines. Under the leadership of Dr. Montgomery Rice, the school developed several pipeline programs to promote diversity. These pipeline programs, which include outreach, education and mentoring, are designed to encourage members of minority groups to pursue careers in science, medicine and health care, starting as early as elementary school.

During their visit, Dr. Record and the other CMS representatives learned how these pipeline programs were implemented and how MSM uses them to attract and retain students from groups underrepresented in medicine. By means of tours and presentations from MSM administrators, the CMS team received valuable information that can be used to enhance and expand current CMS programs for recruiting and retaining minority groups.

In 2014, Dr. Montgomery Rice visited Rosalind Franklin University to speak about diversity in health care. In her presentation, she addressed the health disparities that exist in the U.S. based on race, gender, and socioeconomic status and called for interventions to combat those disparities. Chicago Medical School is devoted to addressing these problems and finding new ways to work toward health equity. ■

RFU Fest

Alumni, students, faculty and staff gathered at The Drake Hotel in Chicago for the annual RFU Fest, held Oct. 2-3.





1. Stephen Herman, MD; Alan Stern, MD; Allan Levin, MD; and Alan Rogin, MD, all members of the CMS Class of 1965, gather for their 50th Reunion. 2. Meinkeng Acha-Morfaw, CMS '19; Stephanie Miles, CMS '19; and Nyembezi Dhlwayo, CMS '17, at the RFU Fest Awards Dinner and Dance. 3. RFU President and CEO Dr. K. Michael Welch with Judith Potashkin, PhD, recipient of the Morris L. Parker Research Award. 4. Lawrence Feit, MD '65; Victoria Hoch, CMS '18; Alan Stern, MD '65; Chad Knight, SCPM '17; Patrick Kent, CMS '17; Alan Rogin, MD '65; Allan Levin, MD '65; Ted Hegner, CHP '16; and Stephen Herman, MD '65. 5. Franklin D. Pratt, MD '81, MPHTM, with students and alumni following a screening of Code Black. 6. Allan Levin, MD '65, with his wife Sandra at the RFU Fest Awards Dinner and Dance.



CMS Distinguished Alumnus Bradley Hersh, MD '80

During the RFU Fest Awards Dinner at The Drake Hotel on October 3, **Bradley Hersh**, MD '80, was named the CMS Distinguished Alumnus of 2015. Dr. Hersh, a senior advisor at UNAIDS, has dedicated his medical career to global public health issues, working to reduce the spread of HIV and other STIs. His past positions have included serving as a medical consultant for STIs at the Cook County Hospital; medical officer in the Pan American Health Organization in Washington, DC; medical officer in the World Health Organization (WHO) Department of Immunization, Vaccines, and Biologics; director of the CDC office in Cambodia, and operational and technical support team coordinator of the HIV/AIDS Department at WHO Headquarters in Geneva.

This award is bestowed annually by the Chicago Medical School Alumni Association. Recipients are alumni who have shown exceptional dedication to the medical profession and to CMS. ■

From left to right: Timothy Hansen, PhD, former CMS professor and RFU vice president for academic affairs; Bradley Hersh, MD '80; and Frank Pratt, MD '81, RFU Trustee and member of the CMS Alumni Association.

Diversity Events



From left to right: Temiwumi Ojo, CMS '19; Vanessa Rose, CMS '19; Fred Richardson Jr., MD, director of RFU's Pre-Matriculation Program; John Bradley, MS, director of the CAHMCP post-baccalaureate program; Stephanie Miles, CMS '19; Melissa Mariscal, CMS '19; Joyce Jones, CMS '19.



In RFU's Centennial Room, Dr. E. Albert Reece delivers his lecture to students, faculty and staff.



Dr. Record speaks at the National Medical Fellowships' Champions of Health Awards.

CMS Welcomes PMP Students

Five graduates of RFU's Pre-Matriculation Program (PMP) who matriculated into the CMS Class of 2019 gathered to thank **Hector Rasgado-Flores**, PhD, and **Mildred M.G. Olivier**, MD '88, for the assistance the two faculty members provided to them on their path to medical school. Dr. Flores, associate professor of physiology and biophysics, and Dr. Olivier, CMS Assistant Dean for Diversity, served as faculty mentors to these students. The PMP, in partnership with the Chicago Area Health and Medical Careers Program (CAHMCP), provides a curriculum to develop underrepresented minority students for careers in the medical profession.

Marshall A. Falk, MD '56, Distinguished Lectureship

E. Albert Reece, MD, PhD, MBA, Dean of the University of Maryland School of Medicine, visited RFU on September 23 to present "The Impact of Academic Medicine on the Local and Global Community" as part of the Marshall A. Falk, MD '56, Distinguished Lectureship series. Dr. Reece discussed the roles that academic medical centers play in improving the physical, mental, and social well-being of a local or global community. By identifying the specific needs of a community and working to make sure those needs are met, academic medical centers can reduce health disparities, manage the spread of emerging diseases, respond to medical crises and public health threats, and improve the life expectancy of the local population.

Culture Through Cinema: TRANS

On December 1, a screening of the documentary TRANS was shown as the third installment of the Understanding Culture Through Cinema series. This event series, sponsored by the CMS Office of Diversity and the Office of Faculty Talent Recognition and Enhancement, invites students, faculty, and staff to explore and discuss current minority issues. TRANS features the stories and experiences of several transgender people, and it depicts some of the challenges faced by members of the transgender community.

NMF Chicago Champions of Health Awards

CMS students and faculty attended the National Medical Fellowships (NMF) Chicago Champions of Health Awards, where Dean **James Record** served as an honorary co-chair. This ceremony, held at the Union League Club of Chicago on December 8, is an annual event that brings together physicians, healthcare leaders, medical school deans, and minority medical students from the Chicago area to honor leading professionals in the fields of medicine and health care. NMF is a nonprofit organization dedicated to increasing the number of underrepresented minority physicians and other healthcare professionals.

DOCS Mentorship Program

On Oct. 3, the students, alumni, and physicians participating in the Doctors of Color (DOCS) Mentoring Program met in Chicago to launch the second year of the program. The DOCS program, a joint effort by CMS and the Cook County Physician's Association, has matched over 60 students with physician mentors. ■



“Beyond Resilience”

Dr. Record’s State of the Medical School Address

On January 26, CMS Dean **James Record**, MD, JD, FACP, delivered the annual State of the Medical School Address, titled “Beyond Resilience.” In this address, Dr. Record discussed recent accomplishments, ongoing changes, and future goals for the school.

Dr. Record’s summary of the last year’s accomplishments included the formation of the Continuous Quality Leadership (CQL) team. The CQL team works to ensure that Chicago Medical School meets all LCME accreditation standards on an ongoing, day-to-day basis, so that CMS is perpetually prepared for a site visit from the LCME. The CQL team also creates goals of excellence to move beyond the requirements set forth by the LCME, as well as metrics to track progress. This approach to accreditation and continuous quality improvement was praised by Darrell G. Kirch, MD, president and CEO of the AAMC, during his visit to RFUMS in July 2015.

Dr. Record also highlighted research accomplishments and praised faculty members for some of their recent achievements. Research achievements include:

During each of the last two fiscal years, RFUMS principal investigator funding on a per capita basis has surpassed the AAMC average.

Gulam Waris, PhD, assistant professor in the Department of Microbiology and Immunology, and **Kuei-Yuan Tseng**, MD, PhD, associate professor in the Department of Cellular and Molecular Pharmacology, both submitted NIH grant applications which scored in the 1 percentile, and Dr. Tseng’s application received a perfect score.

Jun-yong Choe, PhD, associate professor in the Department of Biochemistry and Molecular Biology, had his crystallography work featured on the cover of the December 2015 issue of Academic Medicine.

Ongoing efforts and future goals include starting a branch campus, the continuation of the curricular redesign, increased efforts to promote diversity, and the provision of additional resources throughout the medical student experience.

The presentation also drew attention to recent administrative restructuring intended to improve efforts to provide resources and support to students. The former Office of Student Affairs and Office of Undergraduate Studies have been combined to form the new Office of Student Affairs and Education. This new office will also provide improved career counseling and academic support by means of a Director of Academic Advancement and Success. Another structural change is that the Office of Faculty Talent Recognition and Enhancement has been reformed as the Office of Academic Learning Environment, in order to expand its constituency to include students and staff in addition to faculty. This office also encompasses the school’s diversity program and the House and Learning Community program. ■



Dr. Gulam Waris



Dr. Kuei-Yuan Tseng

Darrell G. Kirch, MD, president and CEO of the AAMC, was so impressed by CMS’s accreditation model and Continuous Quality Leadership efforts that he invited John Tomkowiak, MD, MOL, who was dean of CMS at the time, to participate in a presentation on the topic at the AAMC’s annual meeting.

CMS’s accreditation model was also mentioned during the LCME’s January “Connecting with the Secretariat” webinar, a monthly forum where the co-secretaries of the LCME discuss accreditation elements and procedures. The co-secretaries referred to Dr. Tomkowiak’s presentation at the AAMC annual meeting and cited Chicago Medical School as an example of a school that uses metrics of compliance and excellence to continually track quality improvement goals.

CMS Students Inducted into Medical Honor Societies

CMS congratulates the students who were inducted into a medical honor society for their academic achievements, leadership, and commitment to service.

Gold Humanism Honor Society

Thirty-two M4s were inducted into the Gold Humanism Honor Society (GHHS) on March 18. The GHHS is an international organization of medical students, residents, faculty, and role model physicians recognized for their integrity, clinical excellence, compassion, and exemplary service to others.

Hossein Amirjamshidi
Cameron Araghi
Catherine Arellano
Zachary Bulwa
Kimberly Burfiend
Alisha Crowley
Eraj Din
Adam Gliniwicz
Phil Gutsell
Nicholas Hawley
Sarah Hershman

Miao Jenny Hua
Evie Huang
Sara Jorgenson
Zara Khan
Jason Kramer
Karen Kinsley
Thuy Minh Le
Hannah Lee
Alexandru Marginean
Wesley McLaughlin
Brandon Meyer

Kimberly Anne Moyle
Denise Nunez
Alan Pang
Richard Patterson
Maya Rolfe
Zain Sayeed
Nour Sinno
Saman Sizdahkhani
Jessica Tuan
Julie Witkowski

Alpha Omega Alpha Honor Medical Society

Twenty-five M4s were inducted into Alpha Omega Alpha (AQA) on March 23. AQA is a national medical honor society dedicated to improving the medical profession by recognizing high educational achievement, honoring gifted teaching, and promoting service to others. Students are selected for induction based on both scholarly achievement and professional conduct.

Lindsea Abbott
Cameron Araghi
Laurel Barras
Julia Belous
Krista Cascia
Natalie Dale
Adam Gliniewicz
Sarah Hershman
Brody Jones

Robert Kim
Kimberly Klinger
Jeyan Kumar
Melanie Mackaben
Alexandru Marginean
Wesley McLaughlin
Kristin Minkowski
Ashley Neiweem
Jeremy Patel

Jeremy Schmitz
Benjamin Sholl
Bennett Smith
Mason Walgrave
Matthew Welzenbach
Rachel Wilson
Pejman Zargar

Six M3s were inducted into AQA as junior members:

Sarah Carballo
Bhargav Desai

Olsi Gjyshi
Omar Hassan

Ken Lee
Anthony Purgianto

Several alumni and faculty were inducted as well. (See *School & Department News* on page 22.) ■

Left: Samuel Lake, president of the Class of 2016, presents an AQA certificate to Wesley McLaughlin, CMS '16; right: Mamtha Raj, vice president of the Class of 2016, presents the Ashley Evans Professionalism Award to Catherine Arellano, CMS '16, during the AQA induction ceremony.





Operation M.E.D.S.

CMS alumni discuss their medical specialties with students.

On January 13, medical students and alumni gathered in the Centennial Room to participate in Operation M.E.D.S., a speed networking and mentoring event designed to help students explore different medical specialties and understand the career opportunities available to them. Students rotated from table to table to meet with various CMS alumni, each representing a particular specialty, who had volunteered to share their knowledge and experiences with students. The students spent approximately 15 minutes discussing each specialty. ■

Above: Stephen Lipschultz, MD '77, talks to students about his experiences in internal medicine. Right: Chineze Ebo, CMS '19, talks to Anjum Sayyad, MD '07, medical director of the Brain Injury Program at Marianjoy Rehabilitation Hospital. Far right: James Record, dean of CMS, and Martha Kelly Bates, executive director of alumni relations, greet alumni participating in the event.



2015-2016 Franklin Fellows

Each academic year, twelve RFU students are awarded scholarships under the Franklin Fellowship. Recipients are students committed to Interprofessional service who will develop and implement health service projects to help those in need. This year, six CMS students received a fellowship:

1. Sohaib Amjad, CMS '19
2. Amna Elahi, CMS '17
3. Morgan Gilmour, CMS '19
4. Vanessa Rose, CMS '19
5. Surbhi Trivedi, CMS '19
6. Caroline Youssef, CMS '19 ■



Summer Research at the Sinai Urban Health Institute

There are numerous basic science and clinical research opportunities available through CMS, and about half of all CMS students participate in at least one research experience during their four years. This article highlights the clinical research opportunities available to students through the school's partnership with the Sinai Urban Health Institute (SUHI); later newsletters will feature other research opportunities.

The Summer Internship Program at the Sinai Urban Health Institute (SUHI), currently in its third year, is an 8-week program that pairs students with individual mentors at SUHI to work on a research project designed to fit the student's interests and prior experience. Available projects cover various topics related to epidemiology and public health, and they range in scope from conducting a literature review to developing one's own project using SUHI resources. Many projects involve examining the impact that poverty, racism, and other social issues have on public health.

In addition to participating in research, students in this program have the opportunity to attend seminars on more than 20 public health topics, participate in a journal club, and perform volunteer work serving homeless and low-income residents.

Last summer, five CMS students participated in this program.

The Projects:

Samuel Choi, CMS '18

Contributed to a research paper titled "Racial Disparities in Stroke Mortality in the 50 Biggest Cities in the U.S." which has been submitted for publication. Mr. Choi won second place for CMS at the 2015 Summer Research Poster Session.

Simeon Koh, CMS '18

Worked on a literature review of disparities in immunizations rates for a grant proposal.

Crystal Forman, CMS '18

Researched health data available at the city, state, and national levels.

Alicia Seggelink, CMS '18

Contributed to various projects related to the Sinai Community

Health Survey, including finding comparison data from other surveys.

Stephanie Miles, CMS '19

Assisted with a literature review related to HIV and attended community-based events for breast health intervention.

All students presented their work at the university's Summer Research Poster Session on October 21.

The Testimony:

"Before starting the internship, I knew I was interested in public health but I had no idea there were so many different areas I could potentially focus on. I definitely plan to use the knowledge I've gained this summer and further explore my options in public health as a physician."

"I knew I wanted to incorporate public and population health into my career, but I now want to do more activism as well and be a leader in developing programs and policies."

"The program was very 'multi-model'. We learned about these topics in so many different ways. It really put into context my work and how that helps the overall efforts to improve community health."

Students wanting to participate in the Summer Internship Program must submit their applications to Robert Marr, PhD, Assistant Dean for Research. ■

For more information about student research opportunities, contact Robert Marr, PhD, Assistant Dean for Research, at Robert.marr@rosalindfranklin.edu.

CMS House and Learning Community Program: The Faculty Mentors

Faculty members who take on additional responsibilities to become mentors and role models to students.

In 2011, Chicago Medical School introduced a new system of resources for students: sixteen learning communities designed to guide and enhance medical students' academic, social and professional development. Each learning community, composed of one-fourth of a medical school class, provides each of its students with a collaborative network of faculty and fellow students. Over the students' four years at CMS, this network provides friendships and fosters both student-student support and faculty-student support.

The main pillar of support in each learning community is the faculty mentor: a CMS faculty member who is also a practicing physician. These faculty mentors serve as

teachers, advisors, confidants, and role models for the students in their community. They invite students to shadow them in their clinical work, provide networking opportunities for certain specialties, give advice about stress management and mental health, participate in ceremonial and informal student events, and provide academic and professional guidance. Twice a year, mentors meet individually with each of their students to discuss the student's academic progress and career goals.

Faculty mentors also serve as teachers and facilitators of the Clinical Reflections series. These courses focus on some of the humanistic aspects of medicine that might not

Meet the Mentors: Mentors for the Class of 2019

These learning community mentors will provide mentoring and support to the Class of 2019 throughout the students' four years of medical school.

Emanuel House



Jamil Abdur-Rahman, MD
Obstetrics & Gynecology

Portes House



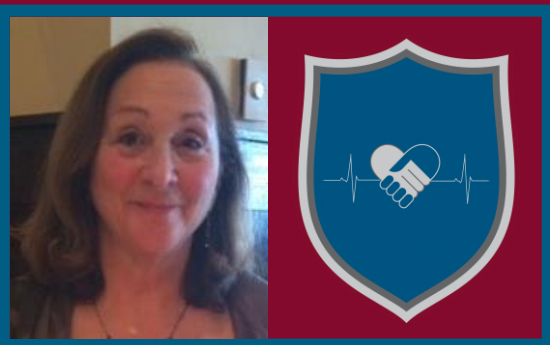
Ricardo G. Senno, MD
Physical Medicine & Rehabilitation

be mentioned or fully explored elsewhere in the curriculum – topics including wellness, career development, balancing personal and professional life, and handling anxiety and depression. Students have the opportunity to reflect on their experiences as medical students and express themselves through discussion and writing. The topics covered in this series guide the students through the process of developing a professional identity, and students learn to incorporate their personal values with their professional values and goals.

With this combination of mentorship, teaching, and advising, faculty mentors guide and support their students through their time at CMS. By serving as a consistent resource throughout all four years and by providing a collaborative community where students can develop familiarity with each other, express ideas together, and help and support each other, these mentors dedicate themselves to looking after the mental, emotional, academic, and professional wellbeing of their students. ■

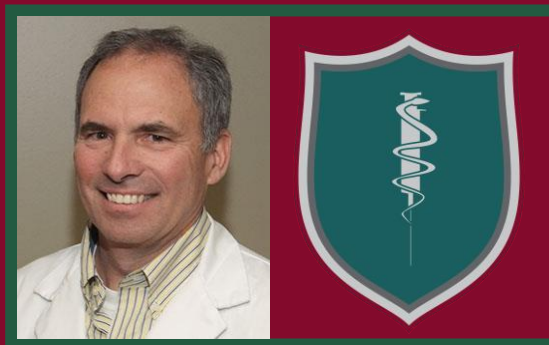
Thinking about becoming a CMS mentor, advisor or advocate? For more information about opportunities to get involved in the House and Learning Community Program, faculty and staff members should contact William Agbor-Baiyee at william.agborbaiyee@rosalindfranklin.edu.

Lipschultz House



Sharyl Balkin, MD '85
Psychiatry & Behavioral Sciences

Finkel House



Charles Nozicka, DO
Pediatric Emergency Medicine



Summer Research Poster Session

On October 21, Rosalind Franklin University hosted its annual Summer Research Poster Session. Students from Chicago Medical School, the Dr. William M. Scholl College of Podiatric Medicine, and the College of Pharmacy who participated in research during the previous summer had the opportunity to present their findings. Certificates were awarded to the top presenters from each school, along with the possibility of presenting at the 2016 National Student Research Forum in Omaha, Nebraska. ■

Congratulations to the CMS Winners:

1st Place - Jordyn Ginter, CMS '18
"Evaluation of Macrophage Population and Expression Analysis of V-ATPase –V0a2 isoform in the Human Ovarian Carcinoma Tumor Tissue Sections"

2nd Place - Samuel Choi, CMS '18
"Racial Disparities in Stroke Mortality in the 50 Biggest Cities in the U.S."



Top: Robert Marr, PhD, assistant dean for research, presents a certificate to Samuel Choi, CMS '18; bottom left: Javier Jimenez, CMS '18, presents his poster; bottom right: Stephanie Miles, CMS '19, presents her poster to Kwang-Poo Chang, PhD, professor of microbiology and immunology.

Updates from the Resuscitation Institute

RFU's Resuscitation Institute is committed to improving patient outcomes after cardiac arrest by means of research on novel and more effective methods for cardiac resuscitation.

The Resuscitation Institute hosted a lecture given by Myron Weisfeldt, MD, on Oct. 21 as part of an ongoing lecture series on topics in resuscitation. Dr. Weisfeldt served as professor and chair of the Department of Medicine at Johns Hopkins University from 2001 to 2014, and he was also Physician-in-Chief of the Johns Hopkins Hospital.

The Resuscitation Institute had four abstracts selected for presentation at the American Heart Association Scientific Sessions in Orlando, Florida, November 7-11:

Jeejabai Radhakrishnan, PhD, researcher and assistant professor; **Lorissa Lamoureux**, research assistant; **Alvin Baetiong**, research technician; and **Raúl J. Gazmuri**, MD, PhD, FCCM, professor of medicine and director of the Resuscitation Institute, presented "Amelioration of Mitochondrial Injury During Cardiac Resuscitation by the Combined Administration of α -Methylnorepinephrine and Zoniporide."

Vina Chhaya, CMS '18, and **Dr. Gazmuri** presented "Use of Initial 24-Hour Clinical Data after Medical-Surgical Admission to Predict Future Rapid Response System Activation."

Ms. Lamoureux; Mr. Baetiong; Dr. Radhakrishnan; Thomas G. Mason, MD; **Jeffrey A. Kraut**, MBA; and **Dr. Gazmuri** presented "NHE-1 Inhibition Ameliorates Detrimental Post-Resuscitation Hemodynamic and Survival effects Caused by Buffer-Induced Alkalemia."

Ms. Lamoureux, Mr. Baetiong, Dr. Radhakrishnan, and Dr. Gazmuri presented "Beneficial Post-Resuscitation Hemodynamic and Survival Effects Elicited by Volume Expansion Providing a Superior Metabolic Environment with Plasma-Lyte A than with Normal Saline." ■



Dr. Rosalind Franklin Pageant

On January 9, members of Phi Delta Epsilon, the school's medical fraternity, hosted the second annual Dr. Rosalind Franklin pageant, an Interprofessional competition that is also a fundraiser for Chicago Medical School's Children's Miracle Network partner, Ann & Robert H. Lurie Children's Hospital of Chicago.

Contestants were **Benjamin Huey**, CMS '18, Afwaj Binhussein, COP '19, and Conor Murray, SGPS '21. Each contestant modeled casual dress and professional wear, demonstrated a talent, and participated in a Q & A session.

After a vote from the four faculty and staff judges, Mr. Huey won the Dr. Rosalind Franklin Award, Ms. Binhussein won the Dr. Francis Crick Award, and Mr. Murray won the Dr. James Watson Award. Mr. Huey also received the RFUMS People's Choice Award – decided by the outcome of "penny wars" leading up to the pageant that allowed anyone to cast their vote.

The event raised more than \$500 for the children's hospital.

The CMS chapter of Phi Delta Epsilon was founded in 1949. Its members are devoted to the principles of philanthropy, leadership, and education. Last summer, the fraternity received the university's Outstanding Student Organization Award, in part for planning and hosting the inaugural Dr. Rosalind Franklin Pageant. ■

From left to right: Conor Murray, SGPS '21, named Dr. James Watson; Ben Huey, CMS '18, named RFUMS People's Choice and Dr. Rosalind Franklin; and Afwaj Binhussein, COP '19, named Dr. Francis Crick.

SAMA Night Live

10th Annual Diwali Show at RFU.

On November 22, the university's South Asian Medical Association (SAMA) hosted its biggest event of the year, the annual Diwali show. Diwali is the South Asian festival of lights, which typically involves the lighting of lamps, candles, and fireworks.

The Diwali show, held in the Rhoades Auditorium, consisted of dancing, singing, and instrumental performances from students, faculty and staff paying homage to a variety of South Asian cultures. Performances included the singing of national anthems from various countries, a Faculty and Staff Fashion Show, a Student Fashion Show, a choral performance by the Pacemakers, a bhangra dance, and a Bollywood dance.

The theme for this year's show was SAMA Night Live, a parody of the sketch comedy show Saturday Night Live. In keeping with this theme, the Diwali show featured an opening monologue and a "Weekend Update" section. ■

From top to bottom: Ruchee Patel, CMS '18, sings the Indian National Anthem; Lise Eliot, PhD, associate professor of neuroscience, and Michael Fennewald, PhD, associate professor of microbiology and immunology, participate in the Faculty and Staff Fashion Show; Archana Ramesh, Ruchee Patel, and Meghan Eastman, all members of the CMS Class of 2018, dance in the Student Fashion Show; Students from the CMS Class of 2018 pose outside Rhoades Auditorium: top row - Martin Wrobel, Mathew Francis, Dhruv Marwha, Bradley Schifrien, Barry Golestany, and Rahul Kamath, bottom row - Archana Ramesh, Meghan Eastman, Kylie Bussie, Akta Patel, Ruchee Patel, and Cassy Rosello.



“Our History in Song” Choral Performance

In honor of Black History Month, RFUMS and the CMS Office of Diversity hosted a choral presentation on Feb. 17. The presentation was titled “Our History in Song” and featured a selection of gospel songs. Konitra Larkins, administrative assistant in the College of Pharmacy’s Department of Pharmaceutical Science; Doris Hard; Carolyn Burno; Debra Larkins; Eleanora Tanner, receptionist and switchboard operator; Vanessa Knox-Williams, senior administrative assistant in the COP Office



In honor of Black History Month, RFUMS and the of Clinical Affairs; Vernetta Williams; Juda Haley; Kris Mason; and Dena Joy Stackhouse, administrative assistant in the Office of Student Affairs and Inclusion, sang in the choral performance, accompanied by Pastor Cory Ratliff on the piano and Davarius Wilson on the drums. All twelve participants are part of the Rosalind Franklin Voices, a choir group composed of members of the university and the local community.

The event also included a brief history of the impact of the African American community on American history and culture, presented by **Adwoa Adu**, CMS '18. ■

All School Research Consortium

The 11th Annual All School Research Consortium was held on March 16. Sponsored by the Graduate Student Association, this event brings together students from all five of the university’s colleges and schools to present their research through posters and oral presentations.

Congratulations to **Vina Chhaya**, CMS '18, winner of the CMS Best Research Poster award, and **Christopher Miller**, CMS '18, winner of the CMS Best Scientific Talk award. ■



Robert Marr, PhD, assistant dean for research, presents the award for Best Research Poster, CMS, to Vina Chhaya, CMS '18; Dr. Marr presents the award for Best Scientific Talk, CMS, to Christopher Miller, CMS '18.

Research Spotlight: Dr. K.P. Chang



K.P. Chang, PhD, professor of microbiology and immunology, has worked at Chicago Medical School for over 30 years. His main research currently focuses on developing treatment and prevention strategies for infectious and noninfectious diseases.

Most recently, Dr. Chang has been developing and patenting Leishmania-based-vaccine delivery products for safe and effective immunoprophylaxis and immunotherapy against infectious and malignant diseases. The Leishmania model of vaccine development exploitation of its inherent attributes for delivery efficacy and sensitivity to photodynamic inactivation for safety. Dr. Chang's vaccine research has been supported in part by the National Institute of Allergy and Infectious Diseases

(NIH-NIAID), KACST of Saudi Arabia, and the Burdine Breast Foundation.

In September, Dr. Chang was invited to present his work as a commentator in an NIH-NIAID Vaccine Workshop, held in Rockville, MD. He was also a speaker at the Vaccine R&D-2015, a conference on the research and development of vaccines, which was held in San Francisco in December.

From December 2015 to January 2016, Dr. Chang took a work-visit to develop vaccine research collaboration and biotech product development in East Asia. During this trip, he gave presentations at multiple institutions, including a seminar at the Institute of Chemistry, Academia Sinica, in Taipei, Taiwan. He also serves as the organizer and chair of the International Scientific Committee for quadrennial global conferences.

Dr. Chang has been invited to participate in the upcoming 11th annual CVBD World Forum, where he will present a paper titled "New 'Light' for One-World Approach Toward Safe and Effective Controls of Animal Diseases and Insect Vectors." The CVBD World Forum is a meeting of international leading experts in natural sciences and veterinary and human medicine, where participants exchange knowledge and findings about companion vector-borne diseases (CVBD). Dr. Chang's presentation will focus on the vaccine products and the global network of collaboration for research in Brazil, Italy, Saudi Arabia, Turkey and East Asia.

Meet Dr. Martinez



The Department of Microbiology and Immunology gained a new researcher when Gustavo J. Martinez, PhD, joined the university in February as an assistant professor. In the past, Dr. Martinez has conducted research at the University of Texas MD Anderson Cancer Center and the La Jolla (CA) Institute for Allergy and Immunology.

Dr. Martinez's research focuses on the role of NFAT transcription factor family members in T cell biology. His current research projects include the role of NFAT family members in:

- The induction of anergy/exhaustion-associated genes in cancer and chronic infections.
- The generation of follicular helper T cells in acute viral infections.
- The differentiation and function of cytotoxic T lymphocytes (CTLs), which are crucial for protection against viruses, bacteria, and cancer.

Alumni Give Back

CMS alumni dedicate their time and effort to current students and the community by meeting with students to give lectures, share experiences with students, and provide encouragement.



1. Jerrold Leikin, MD '80, director of medical toxicology at NorthShore University HealthSystem, gives a Medical Grand Rounds lecture, "Weed, Work, and Wreckage." 2. Capt. Romeo C. Ignacio Jr., MD '97, Medical Corps, USN, meets with INSPIRE students at Waukegan High School. 3. Joseph Pulvirenti, MD '82, visits RFU to speak to International Health Interest Group (IHIG) students about his experiences with global health. Dr. Pulvirenti recently worked in Malawi through Doctors Without Borders.

Attention, Alumni!

The Interprofessional Community Clinic (ICC) is looking for doctors specializing in internal medicine, family medicine, OB/GYN, and ophthalmology to volunteer their services every Thursday from 4:00–8:00 p.m. at 3471 Green Bay Road, North Chicago, IL. The ICC is a student-run clinic that was founded by four Chicago Medical School students in 2013. The clinic offers free healthcare services to underserved populations and provides important clinical opportunities for CMS students, who work with classmates, faculty, and alumni in interprofessional teams. Contact Martha Kelly Bates at martha.bates@rosalindfranklin.edu to volunteer or to receive more information.

School & Department News

Awards & Accomplishments

Fred Richardson Jr., MD, associate professor of family and preventive medicine and director of RFU's Pre-Matriculation Program, was named "Physician of the Year" by U.S. Congressman Danny K. Davis's Multi Ethnic Advisory Task Force (MEATF). Congressman Davis, of Illinois's 7th congressional district, presented the award to Dr. Richardson at the task force's Annual Awards Gala. MEATF awards recognize ethnic leaders who have made significant contributions in medicine and other fields, and recipients are selected based on their ability to make a difference in people's lives. Dr. Richardson received national recognition last year for his practice of making house calls to elderly patients in underserved neighborhoods in Chicago.

Eric Yang, CMS '18, and **Caroline Youssef**, CMS '19, have been accepted into the Sinai Urban Health Institute's year-long internship program. Over the course of the academic year, they will work with a mentor on an individual research project related to public health.

Hannah Lu, CMS '18, received the award for Best Clinical Presentation at the Society for Academic Emergency Medicine's Midwest Regional Meeting, held Sept. 24-25 in Toledo, OH, where she presented "Comparison of Interpreters in the Emergency Department."

Javier Farinas, CMS '18, was elected to be the National Delegate for MedEd within the AAMC's Organization of Student Representatives (OSR). As an OSR representative, Mr. Farinas will communicate his classmates' opinions and concerns to the OSR Administrative Board and serve as a resource for CMS students.

Congratulations to **Sheryl Juliano**, MA, MS, Assistant Dean for Educational Best Practices, who recently earned her master's degree in healthcare administration from the College of Health Professions at RFUMS.

Olsi Gjyschi, MD/PhD '17, has been selected to receive a 2016 Excellence in Public Health Award from the United States

Public Health Service (USPHS) Physician Professional Advisory Committee. This award recognizes medical students who are involved in public health issues in their community and strive to fulfill the USPHS's mission to protect, promote and advance the health and safety of the United States. The award will be presented by a Public Health Service Officer during the upcoming RFU Awards Ceremony on June 2.

Congratulations to the second-year Endocrine Fellows in the Department of Medicine for scoring well above the national average on the In-Service Training Exam. The CMS fellows' scores were, on average, at the 70th percentile compared to all endocrine fellows nationwide.

During the Alpha Omega Alpha induction ceremony on March 23, several outstanding members of the CMS community were inducted into the honor medical society along with the student inductees. Alumni inductees were **Peter Orris**, MD '75, MPH, FACP, FACOEM, professor and chief of occupational and environmental medicine at the University of Illinois-Chicago, and **Mervyn Sahud**, MD '64, FACP, senior academic associate at Quest Diagnostics/Nichols Institute. Faculty initiates were **Ted Lorenc**, MD, clinical instructor in the Department of Medicine and clerkship site director at Centegra, and **Ariel Katz**, MD, assistant professor in the Department of Medicine. The volunteer awardee was **Robert Weisman**, MD '81, lecturer in the Department of Surgery, and the resident awardee was **Ryan Hoff**, DO, internal medicine resident at Advocate Lutheran General Hospital.

Catherine Arellano, CMS '16, received the Ashley Evans Professionalism Award during the Alpha Omega Alpha induction ceremony on March 23.

Sheryl Juliano, MA, MS, Assistant Dean for Educational Best Practices, and **Diane Bridges**, PhD '14, MSN, RN, CCM, Associate Dean for Interprofessional and Distance Education, have both completed professional development courses. Ms. Juliano was recently certified as a Google Educator through the Google for Education training program. Dr. Bridges received a Certificate of Completion for two courses: "Applying the Quality Matters" and "Becoming a Quality Matters Peer Reviewer."

School & Department News

Diane Bridges, PhD '14, MSN, RN, CCM, Associate Dean for Interprofessional and Distance Education, received a \$4,000 grant from the Association for Prevention Teaching and Research. The funds are to be used in the Interprofessional Community Clinic (ICC) to help meet community needs through interprofessional teamwork and education.

Presentations & Publications

During the 2014-15 academic year, three students completed disparities research with Bijou Hunt, MA, and Maureen Benjamins, PhD, both epidemiologists at the Sinai Urban Health Institute. **Bala Balachandran**, CMS '18, worked with Ms. Hunt on a research paper titled "Black:White Disparities in Lung Cancer Mortality in the 50 Largest U.S. Cities: 1990-2009," which was recently published in Cancer Epidemiology. **Sarah Raleigh**, CMS '17, worked with Ms. Hunt and Dr. Benjamins on a paper titled "Black:White Disparities in Prostate Cancer Mortality in the 50 Largest U.S. Cities: 1990-2009," which is being prepared for submission. **Mitra Kohan**, CMS '18, worked with Ms. Hunt and Dr. Benjamins on a paper titled "Black:White Disparities in Colorectal Cancer Mortality in the 50 Largest U.S. Cities: 1990-2009," which is being prepared for submission.

Gary Tran, CMS '16, co-authored a study titled "Life Expectancy Varies in Local Communities in Chicago: Racial and Spatial Disparities and Correlates" which was published in the Journal of Racial and Ethnic Health Disparities. This publication featured research performed during the 2013 Summer Internship Program at the Sinai Urban Health Institute, under the supervision of Bijou Hunt, MA, and Steven Whitman, PhD.

Two students presented research at the American Sociological Association annual meeting, held Aug. 22-25 in Chicago. **Brittany Hunter**, CMS '17, gave a poster presentation titled "Racial Disparities in Heart Disease Mortality in the 50 Biggest Cities in the U.S." **Maralee Kanin**, CMS '17, delivered a roundtable presentation titled "Heart Disease Mortality Rates Vary in Local Communities in a Metropolitan Area: Racial and Spatial Disparities and Correlates." Both presentations featured research conducted during the 2014 Summer Internship

Program at the Sinai Urban Health Institute, under the supervision of Maureen Benjamins, PhD, and Bijou Hunt, MA.

Samantha Wala, CMS '18, published an article as first author titled "An integrated genomic analysis of papillary renal cell carcinoma type 1 uncovers the role of focal adhesion and extracellular matrix pathways" in the October 2015 issue of the Journal of Molecular Oncology, and a figure from her article was featured on the cover of the journal.

Srikanth Katragadda, MD; **Mamata Ravipati**, MD, assistant professor of medicine; and **Janos Molnar**, MD, research assistant professor of medicine, presented "Long Term Use of Proton Pump Inhibitors Is Associated With Increased Risk of Hip, Spine and All Fractures: A Meta Analysis of Observational Clinical Trials" at the American College of Gastroenterology Annual Scientific Meeting, held in Honolulu, HI, Oct. 16-21.

Beth Stutzman, PhD, associate professor in the Department of Neuroscience, attended the Annual Research Symposium of the Alzheimer's Association, Greater Illinois Chapter, as an invited speaker. The association invites researchers to discuss their Alzheimer's work, with a special focus on translating research into care. The symposium was held Oct. 23.

Sarah Raleigh, CMS '17, presented "Racial Disparities in Prostate Cancer Mortality in the 50 Biggest U.S. Cities" at the American Public Health Association Annual Meeting & Exposition, held in Chicago Oct. 31 – Nov. 4. The presentation featured research conducted with Maureen Benjamins, PhD, and Bijou Hunt, MA, both epidemiologists at the Sinai Urban Health Institute.

A study led by **Carl White**, PhD, assistant professor in the Department of Physiology and Biophysics, was featured on the cover of the Dec. 15, 2015, issue of the journal Science Signaling. The paper, "Depletion of H₂S during obesity enhances store-operated Ca²⁺ entry in adipose tissue macrophages to increase cytokine production," was co-authored by investigators from RFU – including lead authors **Gopal V. Velmurugan**, PhD '13, and **Huiya Huang**, PhD '15 – and Northwestern University.

School & Department News

Several members of the Department of Medicine's Internal Medicine Residency Program contributed to recent publications:

Blake Haas, PhD, CMS '16; and **Yenal Harper**, MD, former resident, published the case report "Miller Fisher Variant of Guillain-Barré Syndrome" in the American College of Physicians' ACP Hospitalist.

"When Routine Physical Exams Save Lives: A Case of Massive Thoracic Aneurysm With Dissection in a Healthy Young Active Male," a case report by **Dr. Harper**; **Khalid Al-Khafaji**, MD, resident; **Zaid Haddao**, MD, resident; **George Sousanieh**, MD, resident; **Marwan Odeesh**, MD, resident; **Sneha Parmar**, MD, former resident; **Yazan Ghosheh**, MD; **Raul J. Gazmuri**, MD, PhD, FCCM, professor of medicine; and **Amin-Ur-Rehman Nadeem**, MD, assistant professor of medicine, was published in the October issue of CHEST Journal, the official publication of the American College of Chest Physicians. The authors presented their work at the CHEST Annual Meeting, held Oct. 24-28 in Montreal, Canada.

Khalid Al-Khafaji, MD, resident, was the lead author on "PAR-1 Inhibitors: Novel Anti-Platelet Drugs in Prevention of Atherothrombosis," a case study published in the American Journal of Therapeutics.

Imtiaz Ismail, MD, resident; **Anushree Agarwal**, MD; **Saurabh Aggarwal**, MD, former resident; **Nawfal Al-Khafaji**, MD, former resident; **Navdeep Gupta**, MD, former resident; **Hani Badi**, MD, resident; **Aashish Chopra**, MD; **Sandeep Khosla**, MD, professor of medicine; and **Rohit Arora**, MD, professor of medicine, published "Aortic Atherosclerosis: A Common Source of Cerebral Emboli, Often Overlooked!" in the American Journal of Therapeutics.

Dr. Ismail; **Dr. K. Al-Khafaji**; **Monica Mutyala**, MD; **Dr. Aggarwal**; **Dr. N. Al-Khafaji**; **Daniela Kovacs**, MD, associate professor of medicine; **Dr. Khosla**; and

Dr. Arora published "Smoke in the Air": A Rare Cerebrovascular Cause of Neurological Signs and Symptoms in a Young Adult" in the Journal of Community Hospital Internal Medicine Perspectives.

Dr. Ismail; **Dr. K. Al-Khafaji**; **Dr. Mutyala**; **Dr. Aggarwal**; **Dr. N. Al-Khafaji**; **William Cotter**, MD, assistant professor of medicine and associate residency program director; **Dr. Khosla**; and **Dr. Arora** published "Cardiac Lipoma" in the Journal of Community Hospital Internal Medicine Perspectives.

Rashid Nadeem, MD, associate professor of medicine; **Amin Sharieff**, MD, former resident; **Sonam Tanna**, MS, CMS '16; **Harpreet Sidhu**, MS, resident; **Janos Molnar**, MD, research assistant professor; and **Dr. A. Nadeem** published a paper titled "Augmentation of the Risk of Ischemic Cerebrovascular Accident by Chronic Obstructive Pulmonary Disease in Patients with Atrial Fibrillation" in the August issue of the Journal of Stroke and Cerebrovascular Diseases.

Samuel Choi, CMS '18; **Kelsi Swanson**, CMS '18; **Faryal Ahmad**, CMS '19; and **Justin Krautbauer**, CMS '19, president of the Interprofessional Community Initiative, participated in the annual Society of Student-Run Free Clinics Conference, along with several of their interprofessional classmates. Mr. Choi presented "Adaptation of Programs and Care from Patient Feedback at a New Student-Run Clinic" with Katherine Derbyshire, CHP '21, and Nicolas Fox, a DePaul University nursing student at RFU. Ms. Swanson and Ms. Ahmad presented "Effectiveness of Community Outreach Health Screenings for Referring Patients to the Interprofessional Community Clinic" with Ms. Derbyshire.

Melika Rezaee, CMS '18, co-authored two articles for the journal JAMA Dermatology, a publication of the American Medical Association. Here articles were titled "Effects of Combined Treatment With Arsenic Trioxide and Itraconazole in Patients With Refractory Metastatic Basal Cell Carcinoma" and "Effect of Calcium Channel Blockade on Vismodegib-Induced Muscle Cramps."

School & Department News

Diane Bridges, PhD '14, MSN, RN, CCM, Associate Dean for Interprofessional and Distance Education, gave several presentations at national and international conferences dedicated to interprofessional education and practice. She presented a poster titled "Exploring the Impact of an Interprofessional Care Protocol on the Patient Experience and Outcomes for Seniors with Diabetes" at Collaborating Across Borders V in September. She also presented an interprofessional research team project entitled "Pilot Study: Providing Interprofessional Experiences to Online Students through an Online Graduate Orientation Course" at the 2015 Association of Schools of Allied Health Professions (ASAHP) Annual Conference in October. Most recently, Dr. Bridges gave two presentations at the Association for Prevention Teaching and Research (APTR) Teaching Prevention 2016: Preparing Students to Address Emerging Issues. She presented "Forming Interprofessional Courses between Allopathic, Podiatric, and Allied Health Professional Students," and she presented "Dual Degree Programs - Barriers, Successes and Opportunities for Interprofessional Learning" along with Marilyn Hanson, EdD, and Kimberly Elliott, PhD, both from the College of Health Professions.

Laurie Broutman, MD, course director for the M2 Patient Safety course, will be presenting a poster at the Central Group on Educational Affairs (CGEA) Regional Spring Meeting, held April 6-8 in Ann Arbor, MI. Her poster, titled "Patient Safety Room of Horrors," was accepted as an Innovations in Medical Education Poster and showcases a simulation that took place within the Patient Safety course during this academic year, where small groups of students were placed with a patient simulator in a simulated hospital room and had 15 minutes to identify as many hazards or errors as they could find. There were approximately 50 hazards to identify, although students were not told the total amount of safety errors.

Dr. Broutman's poster will also be submitted to iCollaborative, a service of AAMC's MedEdPORTAL that allows academic medical institutions to share resources and strategies to improve patient safety in clinical care and medical education. ■

Events



CMS students attend the National Medical Fellowships (NMF) Chicago Champions of Health Awards in Chicago.



Members of the CMS Class of 1963 met for a reunion at Omni Las Palmas Resort and Spa in Rancho Mirage, CA.



Chineze Ebo, CMS '19, poses outside Rhoades Auditorium after the university's Motown-themed Black History Month Showcase.

Help us name our newsletter!

The Dean's Office is searching for a name for all future issues of this newsletter, and we want to consider the input of students, faculty and staff. Please email any name suggestions to Candice Kosanke at candicekosanke@rosalindfranklin.edu.

There is no limit to the number of suggestions each individual can submit.

All suggestions must be received by June 15.

We want to hear from you!

To submit information or news for upcoming issues, contact Candice Kosanke at candicekosanke@rosalindfranklin.edu.



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UNIVERSITY
of MEDICINE AND SCIENCE

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