Many in underdeveloped countries live without a source of clean fuel for cooking and sometimes without clean air. Statistics show that improper hygiene and unsafe sanitation are among the leading causes of death each year in underdeveloped areas. To help improve the health and safety of these communities, healthcare students and professionals gather every year to learn about the importance of global health and to train for their own medical mission to countries in need.

continued >>
In Cleveland, the 6th annual Global Health Workshop was held this past February. Hosted by the CCLCM Global Health Special Interest Group, the workshop attracts students and faculty from CCLCM and Case Western Reserve University’s schools of Medicine, Nursing, and Public Health, along with those interested in global health and medicine. Originally started as a pre-trip preparation for the Peru Health Outreach Project (PHOP), the workshop has an annual theme and covers topics related to culture, ethics of clinical practice and research overseas.

This year’s workshop featured four speaker sessions:

- **Miriam Cremer, MD**, an Ob/Gyn at Cleveland Clinic, spoke on “Basic Health International’s Mission of Cervical Cancer Eradication,” and touched on her success, specifically in increasing cervical cancer screening rates in the poor areas of South America.

- **Robert Cain, MD**, a Cleveland Clinic family medicine physician, spoke on “Avoiding Paternalism in Global Health Missions” and about his experiences with PHOP and in Nicaragua, where he helped build a school and distributed food to children.

- An interactive global health case discussion was led by **Kam Lam, MD** (Cleveland Clinic), and **Denise Bothe, MD** (University Hospitals Rainbow Babies and Children’s Hospital), covering topics such as ethics, common infections and conditions in foreign countries, and improvising in the poor areas of the world. They also conducted a highly successful hands-on workshop on managing emergencies in resource-limited settings.

- **CCLCM student Mikey Jiang** (’21) presented on “Global Ultrasound and Telemedicine: Initial Impressions within PHOP.”

Sangeeta Krishna, MD, the founding faculty adviser of the Global Health Workshops and faculty adviser for PHOP, was motivated to ensure that students enrich their education for the Peru trip by attending a training session that provided perspectives in international health prior to departure. (PHOP, started in 2009, travels annually to the Sacred Valley and Chinchas areas of Peru and is an official global health elective for CWRU School of Medicine and CCLCM.)

“Dr. Krishna feels it is important for PHOP students to receive formal training in successful and responsible international health work,” says CCLCM student Emily Durbak (’22), who attended the workshop.

Emily plans on including international medical work as part of her career in medicine. “I enjoy working abroad and in new environments, and I think there is a lot of work to be done with forging strong partnerships between U.S. physicians and international medical systems and communities. Events like these are so important because they show us that it is possible to incorporate global health work even into a busy clinical career, and they give us a framework for how to do it responsibly,” Cleveland Clinic offers myriad opportunities to learn more about global healthcare. For example, Emily says that she and a few of her classmates occasionally speak with healthcare professionals at Cleveland Clinic Abu Dhabi to learn more about the structure of healthcare in a foreign country. As part of their clinical rotation, many students see patients from foreign countries, which sparks discussions on topics from language barriers to insurance policies and healthcare models in different countries.

CCLCM student Shreya Louis (’22) attended the workshop because of past medical mission experience, having traveled to Guatemala as a pre-medical student. The Global Health Workshop offered her the chance to continue developing her knowledge in global health.

“I think reminding ourselves that there are many countries and people out there who have no access to the resources that we so often take for granted is very important. As individuals that are far more privileged, belonging to first-world countries with much better healthcare systems and access, it is our duty to make sure that the rest of the world does not fall behind as we continue to advance.”

In addition to presentations, the Global Health Workshop featured hands-on sessions and roundtable discussions, further allowing participants to engage with one another while learning important tips for providing healthcare abroad. A research poster display was added two years ago, facilitated by Ronald Magliola, MD (The MetroHealth System). Annually, two students are selected for oral presentation of their research. This is the only global healthcare workshop in Northeast Ohio that is open to all and student led.

Next year’s Global Health Workshop date has not been set yet, but please email Dr. Krishna at krishns@ccf.org for details about how to get involved.
Patient Safety & Quality Tip: Ensure Medication Reconciliation

Moises Auron, MD, Associate Professor, Medicine and Pediatrics

When you are participating in an inpatient rotation, help your team gather the most accurate, up-to-date list of medications a patient is taking so that it can be compared to the list in the electronic medical record. Ask the patient and their relatives which medications the patient is taking, along with dosage and frequency.

Help your team by confirming the medication list with other sources if there are any questions, concerns or apparent conflicts in the medication list. You can:

- contact the patient’s pharmacy
- review recent discharge or transfer notes
- compare the patient’s problem list with medications to see if any chronic diseases are missing associated medications
- contact the patient’s PCP (if outside of Cleveland Clinic)

Medication reconciliation is a paramount patient safety issue, and we can always do better – it will save lives and help control costs.

Doing the right thing is easy, but it requires mindfulness, accountability and excellent teamwork. As students, you are fundamental elements of the inpatient teams, and your contributions to patient safety are valuable. Remember, Patients First!

Welcome Dr. Bradley Gill

Bradley Gill, MD, MS (’12), will be joining the staff at Cleveland Clinic this July. Originally from Sharon, Penn., Dr. Gill worked as a research assistant at Cleveland Clinic during his undergraduate years, attended CCLCM and completed his residency in urology here.

Because he has spent so many years at Cleveland Clinic, he appreciates and feels comfortable with the culture, which he describes as being one of collaboration, teamwork and doing what is best for the patient. He also appreciates the multitude of benefits the institution provides, such as having access to an expert’s opinion outside his field and having partners to look to for advice and support. These elements are just some of what attracted him to stay at Cleveland Clinic.

“The people, the opportunities for an academic career and the ability to continue doing research all aided in my decision,” he says.

Dr. Gill felt well prepared for a career in medicine because of all the opportunities CCLCM has to offer. He says, “By being engaged in multiple activities, I was able to learn the importance of balancing time, prioritizing activities and remaining effective with my work while I was a student.”

Because so much of his training took place at Cleveland Clinic, Dr. Gill feels as though he’s coming “full circle.” He mentors medical students and is proud of seeing CCLCM students who are hardworking, dedicated and interested in pursuing a career in urology achieve success, including recognition for their volunteer work, earning research awards and matching with prestigious residency programs.

As a former chief resident, he has also mentored trainees. “I am excited to give back and provide as good of an experience, if not better, to the students and the residents as I was given,” he says, adding that he is eager to work with and learn from trainees because medical education is a two-way street.

Dr. Gill remembers one student in particular, the first he worked closely with, from whom he received a thank-you note after the student matched with his residency program. He still has the note because it serves as a reminder of the impact a mentor can have on a student.

He offers this advice to medical students: “Keep your eyes and your ears open for opportunities. Never be afraid to work hard and put in extra time, and don’t ever hesitate to help others along the way,” he says.

Dr. Gill has an exciting summer ahead: He joins the Cleveland Clinic staff in July and is awaiting the arrival of his baby girl in August.

Congratulations, Dr. Gill, and we look forward to seeing your continued success at Cleveland Clinic!
NEWS

Simulation Fellow Selected for 2018-19

Nirosshan Thiruchelvam, MD, Pulmonary Critical Care Medicine fellow, has been chosen from a field of superb candidates as the new Simulation Fellow. Dr. Thiruchelvam will start his one-year fellowship in September 2018 and will share some classes with the Medical Education fellows.

The title of Dr. Thiruchelvam’s research project is “Simulation vs. Traditional Training on Mechanical Ventilation for Medical Residents.”

Both the Medical Education and Simulation fellowships are one-year, longitudinal experiences. All fellows learn about educational theory, strategies, learner assessment and curriculum design, and evaluation. Dr. Thiruchelvam’s mentor is Prof. Robert Chatburn, Director of Simulation Fellowship, Education Institute.

The professional staff in the Education Institute are eager to work with Dr. Thiruchelvam and the other outstanding educators in the coming year.

SPOTLIGHT ON SCHOLARSHIP

How does conscientiousness affect a medical student’s career outlook?

“How Does Conscientiousness Affect a Medical Student’s Career Outlook?” was written by Cecile M. Foshee, PhD; Amy S. Nowacki, PhD; Jeffrey T. Shivak, MEd; and S. Beth Bierer, PhD.

This research examines the correlation between noncompliant students and their professional behavior, and is consistent with prior research in that unprofessional behavior during medical school foreshadows a student’s disciplinary actions. According to the authors’ research, students who neglected to complete or perform routine tasks and who exhibited unconscientious behaviors also had lower USMLE Step 1 exam scores, while those who were never tardy or never missed a deadline had higher exam scores.
Several factors were measured in this research, and participants were separated by gender and by MCAT scores in the verbal, physical science and biological science domains. In this article, the researchers examine students’ professional behaviors and their noncompliance index measures to determine the likely score that would be received on the USMLE Step 1 exam. Noncompliance index measures included:

- missing end of course evaluations
- tardy submissions of concept appraisals (CAPPS)
- non-completion of self-assessment questions (SAQs)

They concluded that their data “showed that the vast majority of our students displayed conscientious (compliant) behavior; nonetheless, the size of our program enables us to focus on those who may need further guidance.” They also stated that, “our medical school’s emphasis on competency-based assessment provided an opportunity to explore the relationship of students’ conscientious behavior upon multiple performance domains.”

According to the research, the noncompliance index used could also be used to determine positive future outcomes. For instance, others could explore whether a student with a higher degree of compliance would prove more likely to become chief resident of their residency program, or even make better leaders within their hospital systems. The authors believe that “emphasizing conscientious behavior, at a programmatic level, helps foster and reinforce environments essential for learning.”

Read the entire article.
LEPOW DAY ABSTRACTS
DUE BY AUGUST 24

The ePortfolio system is now open for submission of Lepow Day abstracts. The deadline for abstract submission is Aug. 24, 2018, at 5 p.m., after which time the site will close. Please follow the directions in the ePortfolio system. You may submit up to two abstracts.

Each abstract will be judged by two members of the Lepow Day Committee. The best abstracts will be selected for oral presentation. Students who submitted the remaining abstracts will present a poster. Oral presenters are not required to present a poster. Students selected for oral presentations will receive a modest monetary award and certificate. Students presenting posters will be eligible for a certificate award.

Lepow Day is Sept. 20, 2018.

If you have any questions, please contact Sharon Callahan via email or at 216.368.6972.

ANNUAL EDUCATION RETREAT

The CWRU Annual Education Retreat is scheduled for March 19, 2019, tentatively from 7:30 a.m. to 5 p.m., at the Tinkham Veale University Center. Mark your calendars!

STUDENT AWARDED GRANT SUPPORT FOR CLINICAL RESEARCH PROJECT

Elizabeth Shay (’20) received a research grant from the Doris Duke Charitable Foundation (DDCF) to support a mentored research project. Through the foundation’s Clinical Research Mentorship program, medical student grantees are encouraged to develop a mentoring relationship with a DDCF-funded clinical scientist.

Elizabeth’s mentor is Charis Eng, MD, PhD, who was a Doris Duke Distinguished Clinical Scientist Awardee in 2002.

Elizabeth and Dr. Eng are among seven teams of students and clinical scientists from across the U.S. who each will receive $70,400 for projects that have already passed rigorous peer review. Students spend an entire year, away from medical school, working on their clinical research project.

Elizabeth’s project is entitled “Oral Microbiomic and Mycobiomic Profiles and their Interactions in Head and Neck Squamous Cell Carcinoma (HNSCC).”
Students Win Research Day Awards

Carol Swetlik ('19) and Josie Volovetz ('19) received awards, including a $500 cash prize, at the 2018 Neurological Institute Trainee Research Day.

Carol won the Psychiatry Award for her project entitled “The Effect of Prenatal Exposure to Atypical Antipsychotics on Child Development and Behavior.” Adele Viguera, MD, MPH, is Carol’s staff supervisor.

Josie won the Medical Student Award for her project entitled “Residual Enhancing Tumor Volume Predicts Overall Survival in Recurrent Glioblastoma.” Michael Vogelbaum, MD, PhD, is Josie’s staff supervisor.

The Neurological Institute hosted 94 presentations on their annual Research Day, which was held on May 24.

Congratulations, Carol and Josie, on this tremendous achievement!

Student Earns Best Poster Award at National Conference

Navin Sabharwal ('20) earned the best poster award in the Benign Prostatic Hyperplasia section at the 2018 American Urological Association annual meeting for his MS2 clinical research project.

His research project, entitled “Comparative Effectiveness of Benign Prostate Enlargement Interventions at Facilitating Urologic Medication Discontinuation," was performed under the mentorship of Urology Chief Resident and CCLCM alumnus Bradley Gill, MD, MS ('12), and staff surgeon Daniel Shoskes, MD, who directs the Cleveland Clinic Center for Men’s Health.

Navin also shared his preliminary work on this project as a podium presentation at the American Urological Association North Central Section 2017 annual meeting.

Great work, Navin!
245 Trainees Earn Resident Teaching Award

Residents and fellows participate in the education of several groups, including medical students, health science students and other residents, within Cleveland Clinic. The following 245 trainees were chosen to receive the Resident Teaching Award, which recognizes their outstanding skill and enthusiasm for teaching, for the 2017-18 academic year:

Mohammad Ali Abbass, MD, General Surgery
Justin Abbatemarco, MD, Neurology
Nour Abuhradra, MD, Internal Medicine
John Ackley, DO, Spine Surgery
Selin Adam, MD, Psychiatry
Antoine Addounieh, MD, Internal Medicine
Paul Adenuga, MD, General Surgery
Joseph Adewumi, MD, Internal Medicine
Priya Agrawal, DO, Pain Medicine
Mahwish Ahmad, MBBS, MPH, Bioethics
Robert Albers, DO, Primary Care Sports Medicine
Adam Alter, MD, Pulmonary Diseases/Critical Care
Anand Annan, MBBS, PhD, Hematopathology
Jordan Aptfeld, MD, General Surgery
*Swathi Appachi, MD, Otolaryngology
Pedram Aram, MD, General Surgery
Hans Arora, MD, PhD, Urology
Zubin Arora, MBBS, Gastroenterology
Thandar Aung, MBBS, Clinical Neurophysiology, EEG and Epilepsy
John Baer, MD, Cardiothoracic Anesthesia
*Ehsan Balagamwala, MD, Radiation Oncology
Shailesh Balasubramanian, MD, Pulmonary Diseases/Critical Care
*Jocelyn Beach, MD, Vascular Surgery Integrated
Camille Berriochoa, MD, Radiation Oncology
Sue Ting Lim, MBBS, General Surgery
Charles Leyrer, MD, Radiation Oncology
Tiffany Lee, MD, Neurology
Bryan Lee, MD, Neurological Surgery
*Emily Holthaus, MD, Obstetrics and Gynecology
Matthew Hoscheit, MD, Internal Medicine
Sara Hunter, MD, Diagnostic Radiology
Christine Hur, MD, Obstetrics and Gynecology
Ryan Incledon, DO, Diagnostic Radiology
Harom Joshi, MBBS, Critical Care Medicine
Sarita Joshi, MBBS, Blood Banking and Transfusion Medicine
Daniel Joyce, MBCHB, General Surgery
Sami Judeeba, MBBS, General Surgery
Maziyar Kalani, MD, Spine Surgery
Afrin Kamal, MD, Gastroenterology
Georgios Karakounis, MD, General Surgery
Hari Keshava, MD, MS, General Surgery
Rizwan Khan, MBBS, Internal Medicine
Abhinav Khanna, MD, Urology
Ali Khawaja, MBBS, Internal Medicine
Pradbhab Kirupaharan, DO, Internal Medicine
Dane Shafer Klink, DO, Fairview Hospital Family Medicine
Marijan Koprivancic, MD, General Surgery
Perin Kothari, DO, Anesthesiology
Alexandr Kotelny, MD, Obstetrics and Gynecology
Joshua Landreneau, MD, MS, General Surgery
Bryan Lee, MD, Neurological Surgery
*Natalie Lee, MD, MPH, Internal Medicine
Tiffany Lee, MD, Neurology
Charles Leyer, MD, Radiation Oncology
Sue Ting Lim, MBBS, General Surgery
Weiqin Lin, MBBS, Advanced Heart Failure & Transplant Cardiology International

Anna Chichura, MD, Obstetrics and Gynecology
Mark Chmiela, MD, Anesthesiology
Yoon-Jeong Cho, MD, Anesthesiology
Peter Ciolek, MD, Otolaryngology
Aaron Cohen, DO, Critical Care Medicine
Emma Coleman, DO, Internal Medicine
Jennifer Colvin, MD, General Surgery
Elizabeth Connor, MD, Gynecologic Oncology
Bess Connors, MD, General Surgery
Kevin Contrera, MD, MPH, Otolaryngology
Andrew Coulter, MD, MA, Psychiatry
Julien Dagenais, MD, Urology/Advanced Urological Robotic and Laparoscopic Fellowship
Heather Daniels, DO, Pediatric Infectious Diseases
Deepanjana Das, MD, Obstetrics and Gynecology
Era Dean, MD, Psychiatry
Reece DeHaan, MD, General Surgery
Himanshu Deshwal, MBBS, Internal Medicine
Rachel Diehl, MD, MPH, Anesthesiology
Megan Donnelly, DO, Headache Medicine Fellowship
Paul Durand, MD, Plastic Surgery Integrated
Mohammed Elshamy, MBChB, General Surgery
Jose Echegaray Escudero, MD, Ophthalmic Oncology
Jacqueline Estevez, MD, Internal Medicine
Aldo Fafaj, MD, General Surgery
Amin Farokhrani, MD, MS, Primary Care Sports Medicine
Emil Farnando, MD, General Surgery
Christopher Fleming, MD, Radiation Oncology
Gabriel Gabarain, MD, Otolaryngology
Shruti Gandy, MD, Internal Medicine
Ari Garber, MD, Gastroenterology
Colin Gause, MD, General Surgery
Jenie George, MD, Sleep Medicine
Bashaer Gheyath, MBChB, Internal Medicine
Alexander Gibbons, MD, MS, General Surgery
*Bradley Gill, MD, MS, Urology
Carl Gillombardo, MD, Internal Medicine
Julian Gingold, MD, PhD, Obstetrics and Gynecology
Aldo Schenone Giugni, MD, Internal Medicine
Ian Glenn, MD, General Surgery
Daniel Gonzalez, MD, Psychiatry
Amir Goyal, MD, Cardiovascular Disease
Daniel Greene, MD, Urology
Harpreet Grewal, MD, Pulmonary Diseases/Critical Care
Vedant Gupta, DO, Pediatrics
Juan Guzman, MD, Female Pelvic Medicine and Reconstructive Surgery (Urology)
Ghaith Habboub, MD, Neurological Surgery
Gabriel Habermehl, MD, Anatomic & Clinical Pathology
Brandon Hamm, MD, MS, Psychiatry
Serge Harb, MD, Advanced Cardiac Imaging
Andrew Harris, MD, Internal Medicine
David Harris, MD, Hospice and Palliative Medicine
Kevin Harris, MD, Internal Medicine
Jeffrey Hedley, MD, Cardiovascular Disease
Cory Henson, MD, Pediatric Hospital Medicine Fellowship
*Jason Ho, MD, MS, Orthopaedic Surgery
*Emily Holthaus, MD, Obstetrics and Gynecology
Matthew Hoscheit, MD, Internal Medicine
Sara Hunter, MD, Diagnostic Radiology
Christine Hur, MD, Obstetrics and Gynecology
Ryan Incledon, DO, Diagnostic Radiology
Harom Joshi, MBBS, Critical Care Medicine
Sarita Joshi, MBBS, Blood Banking and Transfusion Medicine
Daniel Joyce, MBCHB, General Surgery
Sami Judeeba, MBBS, General Surgery
Maziyar Kalani, MD, Spine Surgery
Afrin Kamal, MD, Gastroenterology
Georgios Karakounis, MD, General Surgery
Hari Keshava, MD, MS, General Surgery
Rizwan Khan, MBBS, Internal Medicine
Abhinav Khanna, MD, Urology
Ali Khawaja, MBBS, Internal Medicine
Pradbhab Kirupaharan, DO, Internal Medicine
Dane Shafer Klink, DO, Fairview Hospital Family Medicine
Marijan Koprivancic, MD, General Surgery
Perin Kothari, DO, Anesthesiology
Alexandr Kotelny, MD, Obstetrics and Gynecology
Joshua Landreneau, MD, MS, General Surgery
Bryan Lee, MD, Neurological Surgery
*Natalie Lee, MD, MPH, Internal Medicine
Tiffany Lee, MD, Neurology
Charles Leyer, MD, Radiation Oncology
Sue Ting Lim, MBBS, General Surgery
Weiqin Lin, MBBS, Advanced Heart Failure & Transplant Cardiology International

ACCOLADES
Outstanding teaching encompasses behaviors that include:

- presenting content in an organized and understandable way
- being available and willing to answer questions and explain concepts
- demonstrating enthusiastic teaching and helping others learn
- helping learners find resources to answer questions and further explain concepts
- providing useful feedback that helps learners identify what they do well and what they need to work on
- creating a positive learning environment

Congratulations to all our fine teachers-in-training!

The nominations were then confirmed by the respective Program Directors. Program Directors could also nominate trainees.

*Cleveland Clinic Lerner College of Medicine alumni*
Drs. Xiao and Miller
Publish Novel Analysis of
Home Health Care

Two of our recent graduates, Roy Xiao, MD (‘17), and Jacob Miller, MD (‘17), conducted a novel retrospective analysis of patients’ healthcare use following discharge with home healthcare, the results of which were published in the American Journal of Medicine in April.

The study, entitled “Impact of Home Health Care on Health Care Resource Utilization Following Hospital Discharge: A Cohort Study,” aimed to discover a primary outcome of total healthcare costs following discharge and secondary outcomes of follow-up readmission rates and death.

The authors concluded that certain Cleveland Clinic patients who were discharged with home healthcare compared to those who were not demonstrated significant savings in healthcare dollars and significant reduction in hospital readmission and death. Subgroup analyses showed that the most benefit was to patients discharged from four Cleveland Clinic institutes in particular: Digestive Disease, Heart & Vascular, Medicine and Neurological.

View the abstract.

James B. Young, MD, Chief Academic Officer at Cleveland Clinic and former Executive Dean of CCLCM, was a co-author of the study.

MARK YOUR CALENDAR

July 9-13, 2018
Orientation for the new class | Cleveland Clinic

July 15, 2018
New Class White Coat Ceremony | Severance Hall

July 20, 2018 | 3-5 p.m.
Student Clinician Ceremony | CWRU, Tinkham Veale University Center

Aug. 1, 2018 | 5-7 p.m.
CCLCM State of the College Address | Cleveland Clinic, Lerner Commons

Philanthropic Giving

The Education Institute welcomes donations to advance its mission of educating those who serve. Individuals, families, foundations and corporations that believe in the value of education are making a difference in the future of patient care with their generosity. To learn how you can help, please contact Amy Kubacki, Senior Director of Development, at 216.636.5024 or at kubacka@ccf.org.

Alumni: Share Your News

We’d like to hear about what you’ve been doing since graduation. If you have news to share (maybe you’re involved in an interesting research project or you recently returned from a global health mission), please email Laura Greenwald at greenwl@ccf.org.