New Medical Education Building—Planning “Future” State-of-the-Art

On January 22, 2014 Pamela B. Davis, MD, PhD, Dean, CWRU School of Medicine, and James B. Young, MD, Executive Dean, Lerner College of Medicine, will host a meeting to review the preliminary design for the new Education Building with all the members of the planning groups and discuss the next steps in the planning process. During the past few weeks the architects have been using the information assembled by the planning committees in the summer and fall to develop a preliminary design for the Building while several committees have continued to work on plans for the new building.

Technology – Setting New Standards for State-of-the-Art Education

The Anatomy Committee has been reviewing educational programs and technology to refine the space needs for the new building. In addition, the very active Technology subcommittee has been defining the vision for the design of the new building to incorporate space and technology to go beyond the current state-of-the-art education to what will be the future state-of-the-art. With that in mind, several groups of faculty and administrators have visited Microsoft to experience the computer technology that is available now or will be available in the near future. They report that the options will provide innovative technologies to improve and expand the teaching potential in the CWRU School of Medicine. These technologies include various sensors for space, speech, and touch; high-definition touch screen displays; and Avatars. There are discussions about an educational learning lab, collaborative learning areas for students and faculty that are rich in technology resources, media services, and WiFi connectivity to the Cleveland academic medical centers and CWRU. Collaborations among CWRU School of Medicine and Lerner College of Medicine, Cleveland Clinic, and Microsoft may be possible to further define the state-of-the-art technology used in medical and health professions education.

Showcasing the Humanities – History of Cleveland Progressing in Medicine

Another committee has been focusing on how to make Cleveland’s medical heritage and the ways that it shaped the profession central to the new medical education building project. This history describes how Cleveland has been on the cutting edge of medicine since the nineteenth century, driving discoveries and changing the way the profession developed here and across the nation. The heritage of Cleveland Clinic and Case Western Reserve University will provide a brilliant spotlight on the noteworthy achievements of medicine and medical education in the vibrant new collaborative space.

The success of Cleveland Museum of Art’s GalleryOne serves as a guide and inspiration for this proposed space. The Digital Heritage Gallery of the new building will not be a static repository of historical artifacts. It will feature iconic historic objects illuminating Cleveland’s medical past, but the primary element of the Gallery will be dynamic, digital interactives connecting visitors to the history, narratives, students, and professionals from Cleveland’s past. It will also trace these developments to present initiatives so that students and visitors may learn more about exciting developments and innovations in Cleveland medicine.

continued on p. 2
Digital Heritage Gallery will include a large interactive wall with four parts: Medical Milestones, Stories and Tellers, Building the Profession, and Student Experience. Medical Milestones will provide a look back at people, technology, and illness and treatment, with each section offering additional information and “games” showcasing Cleveland’s medical history. The other three pieces will each have a “then and now” feature so that users will hear the stories of students, doctors, and patients from the past—or see video content featuring students and doctors of today. All of these components are in their early stages, and conversations with faculty and students are guiding their development. Importantly, we are benefiting immensely from the experience of colleagues at the Cleveland Museum of Art who created GalleryOne.

Our Students

KeyBank Foundation Invests in Medical Education

Through the generous, ongoing support of the KeyBank Foundation, Cleveland Clinic Lerner College of Medicine has been able to ensure that financial constraints do not preclude students from following their dreams of becoming physician investigators.

With a mission to promote and provide for programs that improve access for individuals of diverse backgrounds, each school year the KeyBank Foundation awards a scholarship to support an incoming student who brings multicultural experiences and perspectives to the learning community. The KeyBank Foundation has provided scholarship support for six Lerner College of Medicine students with a philanthropic commitment exceeding $1 million.

For the past several years, staff and faculty within Lerner College of Medicine have actively recruited a diverse student body; student scholarships provided by the KeyBank Foundation have been an integral part of these efforts. To date, Lerner College of Medicine has graduated 16 minority students. In 2014, seven minority students are expected to graduate.

Under the leadership of Kendalle Cobb, MD, Director of Multicultural Recruitment and Development, and with a relationship cultivated and maintained by Cleveland Clinic’s Philanthropy Institute, the partnership with KeyBank Foundation has helped to expand the number of events where Lerner College of Medicine actively recruits minority students. During the 2012-2013 academic year, Lerner College of Medicine representatives met with students and advisors at 25 total recruitment events across the United States; over half included minority events supported by organizations such as the American Indian Science & Engineering Society (AISES), the Association of American Indian Physicians (AAIP), the Annual Biomedical Research Conference for Minority Students (ABRCMS), Student National Medical Association (SNMA) and the Latino Medical Student Association (LMSA).

In honoring our critical partnership with the KeyBank Foundation, plans to expand recruitment to groups from underrepresented or disadvantaged populations include the establishment of a fund to assist individual students with special medical board examining preparation; improved training support; and the recruitment of additional mentors committed to diversity. We thank KeyBank Foundation for their ongoing support of our students and look forward to their continued partnership.
Students Run in Marathons

Columbus Marathon
Being a first-year medical student at Lerner College of Medicine, Nicole Stegmeier (Class of 2018) recently moved from Michigan to Ohio. Nicole and her boyfriend love to travel to run marathons and have competed in races in Chicago, Virginia Beach, Walt Disney World, and some other interesting places. Consequently, moving to a new area made them excited to try one of the awesome marathons that Ohio has to offer. They quickly signed up for the Nationwide Children’s Hospital Columbus Marathon, which was an exceptional race! The Expo had a wealth of interesting information and merchandise. Even though it wasn’t one of the biggest marathons, the crowd support was tremendous. The race draws a large group of runners with over 10,000 people running the half marathon and over 5,500 running the full. Nicole received one of her biggest marathon medals. Nicole comments, “Being a University of Michigan graduate, I can’t say that running through the Ohio State football stadium was my favorite part, but I have to admit the Columbus Marathon was a great race, and I’d recommend it to anyone!”

Chicago Marathon
Jessica Ray Class of 2017 (left), Christopher Loftus Class of 2016 (middle) and Stuart Zeltzer Class of 2016 (right) ran the 2013 Chicago Marathon. While this was not the first marathon for the runners, this was their first time running in this major international race. With the support of family, friends and perfect running weather, each of the three runners completed the 2013 Chicago Marathon in a personal best time.

Preparations Underway for Capstone 2014

The planning of the third two-week Capstone experience for Lerner College of Medicine students graduating in 2014 is well underway. Building on the very successful programs conducted in prior years, Capstone is a required two-week rotation for graduating Lerner College of Medicine students. Capstone will begin on March 10, 2014, continue through with the annual Lerner College of Medicine Research Day on March 14, 2013, and end with Match Day on March 21, 2013.

In addition to participating in specific skill-building sessions, completing some required forms and questionnaires, reflecting on clinical and research experiences that have contributed to the students' learning and developing plans to prepare for the post-graduate year 1 (PGY1) experience, graduating students will have their last opportunity to come together as a group before the hectic time around graduation. The sessions are primarily held in the medical school area in the Lerner Research Building and in the Multidisciplinary Simulation Center and are conducted by many dedicated Lerner College of Medicine faculty and staff who are committed to the education of our physician investigators.

Save the Dates!

CWRU School of Medicine Lepow Research Day will be held on February 20, 2014. Lepow Research Day is an annual tradition at CWRU School of Medicine to foster interest in medical student research and provide an opportunity for students to describe their work in a poster or oral presentation.

Student Research Day—The Fourth Annual Lerner College of Medicine Student Research Day will be held on Friday, March 14, 2014. Please join us in recognizing the research of our graduating class. All students and faculty are encouraged to attend.
Students Host Thanksgiving Luncheon to Express Thanks

In appreciation to the faculty and administrative staff of Lerner College of Medicine, once again students hosted the annual Thanksgiving potluck luncheon on Monday, November 25, 2013, in the Lerner Commons. Everyone feasted on traditional turkey and fixings supplied by the College along with desserts, vegetarian alternatives and other specialty items provided by the students. The students thank the staff for their contributions to the school and their education, and the staff thanks the students for another fine holiday meal celebration.

DOC OPERA 2013: The Healing Games a Big Success!

On December 14, 2013, the medical students of Case Western Reserve University School of Medicine University Track and Cleveland Clinic Lerner College of Medicine presented the annual Doc Opera variety show to benefit the Free Clinic of Greater Cleveland. This was the 29th year that students have come together to write, direct, choreograph, sing and dance to produce the show. The 2013 theme was “The Healing Games”

Lerner College of Medicine students participating in Doc Opera 2013:

- Swathi Appachi, Class of 2014, Vocal Director
- Sam Cohn, Class of 2015, Singer and Vocal Director
- Anjalika Gandhi, Class of 2015, Dancer and Choreographer
- Nicholas Tan, Class of 2015, Dancer
- Mia Williams, Class of 2015, Dancer
- Stuart Zeltzer, Class of 2016, Singer
- Anne Runkle, Class of 2017, Dancer
- Nick Szoko, Class of 2017, Dancer and Choreographer
- Yuanjia Zhu, Class of 2017, Dancer
- Angela Dai, Class of 2018, Dancer
- Erica Magelky, Class of 2018, Stage Manager
- Megan Morisada, Class of 2018, Dancer and Singer
New Student Representatives—2013-14
New student representatives from the Class of 2018 have been appointed to the following committees.

**Basic Science Education**

*Appledene Osbourne*  
*Daniel Sexton*  
*Connor Wathen (pictured above)*

**Committee on Medical Education**

*Connor Wathen (pictured above)*

---

**Student’s Research Named a Major Advance for 2013**

The American Heart Association and American Stroke Association selected the research paper of Robert Koeth (Class of 2014) as one of the top 10 advances in heart disease and stroke for 2013. Robert led the research, which was directed by Stanley Hazen, MD, PhD, Chair of Cellular and Molecular Medicine, Vice Chair of Translational Research for the Lerner Research Institute and Head of Preventive Cardiology & Rehabilitation.

The research uncovered that carnitine, with the help of gut bacteria, is metabolized to trimethylamine-N-oxide, or TMAO, a compound linked to clogged arteries. Interestingly, TMAO levels were higher in omnivores. Vegans and vegetarians, when given carnitine supplements for the study, did not produce significant levels of TMAO. The findings were published in the journal *Nature Medicine*. Bob is working toward a combined MD/PhD degree, and he used this latest research project to complete his thesis on dietary trimethylamine compounds.

---

**Our Faculty**

**CWRU School of Medicine Annual Education Retreat March 6, 2014**

The Case Western Reserve University (CWRU) School of Medicine Annual Education Retreat for faculty and students will be held on Thursday, March 6, 2014, at the Cleveland Convention Center/Global Center for Health Innovation. The retreat is entitled “High Value Healthcare from Bench to Bedside” and is focused on teaching and practicing high-value medical care in the undergraduate and graduate medical education curricula, thus making the focus on undergraduate and graduate medical education and incorporating basic science and clinical perspectives on the topic.

The Planning Committee is pleased to have invited David Ledbetter, PhD, FACMG, Executive Vice President and Chief Scientific Officer at Geisinger Health System and Atul Grover, MD, PhD, Chief Public Policy Officer, Association of American Medical Colleges, to speak at the retreat. The goals of the retreat are to understand the imperative for high-value care in the health care system and to identify ways to introduce the concept to students, trainees, and patients.

The Retreat will also feature the 2013 Annual Scholarship in Teaching Award presentations, an educational innovations poster session, and four small group skill-building sessions. Another first for the Retreat is that it will be held at the Cleveland Convention Center/Global Center for Health Innovation. Lerner College of Medicine and Case Western Reserve University School of Medicine are pleased to host the annual retreat that will bring CWRU School of Medicine faculty and students from across the city to this event. Please contact Brigid O’Connor (oconnob@ccf.org) for more information.
Lerner College of Medicine New Faculty Orientation Held

On Tuesday, October 22, 2013, 29 Cleveland Clinic Staff members came together to learn more about Lerner College of Medicine and the competency-based approach to medical education that defines Lerner College of Medicine.

The morning started with Alan Hull, MD, PhD, Associate Dean for Curricular Affairs, explaining the structure of the medical school and the unique philosophy and principles that lead to the development of “physician investigators.” Next, Colleen Colbert, PhD, Director of Faculty Development, presented a session on “participatory learning,” which was followed by a description of examples of participatory learning in the Basic Sciences by Phillip Hall, MD. Eileen Hilton from the Faculty Affairs Office provided guidance on how to apply for a faculty appointment. Description of examples of participatory learning in Clinical Teaching was given by J. Harry Isaacson, MD, and Keren Glinert, Class of 2015. In the last part of the morning’s presentations, Elaine Dannefer, PhD, introduced the participants to the portfolio approach to student assessment and shared an excerpt from an actual portfolio. The morning session ended with lunch and a discussion of the types of Lerner College of Medicine faculty roles which are available. Warren Heston, PhD, provided insight into the Research Curriculum and the types of roles available to faculty.

By the end of the morning session, participants were enthusiastic about contributing in some way, with many identifying specific teaching roles that they would like to pursue. The orientation session was a great success. The next New Faculty Orientation is scheduled for April 15, 2014.

Welcome Postdoctoral Fellow, Cecile Foshee, PhD

Cecile Foshee, PhD, joined Cleveland Clinic as a postdoctoral fellow in medical education in October, 2013. She holds a PhD and MEd in Educational Technology from Arizona State University and a BA in Computer Animation from the Art Institute of Phoenix. During her graduate studies, Dr. Foshee studied resilience and its impact on performance. She also has extensive experience with instructional design.

The postdoctoral fellowship, which is sponsored by the Education Institute’s Center for Medical Education Research and Development (CMERAD), provides social scientists with the opportunity to learn about the broad spectrum of medical education. Dr. Foshee will participate in a variety of research projects, including an independent research project linked to her current interests. She will also contribute to the Education Institute’s mission throughout her two-year fellowship experience. Please welcome Dr. Foshee to Cleveland Clinic.

Panelists Present Arts and Humanities Programs in Medical Education

At the Association of American Medical Colleges (AAMC) annual meeting on November, 5, 2013, Martin Kohn, PhD, Director, Program in Medical Humanities and Course Director of Foundations of Medicine Seminars Years 1 and 2, was part of a three-panelist presentation on “The Value of the Arts and Humanities in Medical Education.” They presented a range of humanities- and arts-based programs in medical education throughout the United States and provided an overview of the programs they direct. In addition, they addressed a particular focus in the context of medical education: Dr. Kohn (Lerner College of Medicine) poetry, Carolyn Wellbery (Georgetown University School of Medicine) visual arts, and Johanna Rian (Mayo Clinic School of Medicine) theater. They also discussed best practices and funding strategies. The panel was organized through The Global Alliance for Arts & Health. Dr. Kohn’s participation was supported by the Jones Day Endowed Chair in Medical Education.
Farewell, Dr. Appachi

With sadness and great appreciation we bid farewell to Elumalai Appachi, MD. Dr. Appachi has been instrumental in the design and implementation of the Observed Structured Clinical Examinations (OSCEs) used to guide clinical skill development at Lerner College of Medicine. In addition, Dr. Appachi has been a highly respected clinician and teacher in the Pediatric ICU. Dr. Appachi has accepted a position as Section Chief of Critical Care, Children’s Hospital of San Antonio/Baylor College of Medicine. Best of luck to Dr. Appachi—we will miss you!

Guy Chisolm, PhD, Retires

Guy M. Chisolm, PhD, Learner Research Institute (LRI) Vice Chair of Education and Director, Cleveland Clinic Innovation Management and Conflict of Interest Committee, retired December 31, 2013 after 35 years of outstanding service to Cleveland Clinic. Dr. Chisolm was instrumental in the development and implementation of the Lerner College of Medicine as Director of Basic Science Education and member of the Medical Student Promotion Review Committee (MSPRC) and the Admissions Committee. Dr. Chisolm embodies the principles of the Lerner College of Medicine curriculum – establishing high standards and expectations for faculty and students, thoughtful and effective leadership, effective interactive teaching, and fair and insightful assessments of applicants, students, and faculty. Dr. Paul E. DiCorleto, PhD, Chair of the Lerner Research Institute pointed out that “on a professional level, Guy was instrumental in building and sustaining a high level of excellence in our education and conflict of interest programs. On a personal level, he is a dear friend to many of us and will be sorely missed.” We agree with this sentiment. Dr. Chisolm’s contributions to the Lerner College of Medicine have been incorporated into the fabric of the College; his legacy will provide guidance for years to come. Dr. Chisolm will continue to be involved in Lerner College of Medicine activities over the first years of his retirement including participating in the planning for the New Medical Education Building.

Curricular Update
Presentation Sheds Light on Autism

On Monday, October 28, 2013, the Program in Medical Humanities and the Jones Day Endowed Chair in Medical Education of Cleveland Clinic Lerner College of Medicine sponsored a special presentation for students, staff and other guests entitled “An Autistic Person Challenges the Sad Misinformation About Autism.” Sue Rubin was the featured guest.

Sue was diagnosed as developmentally delayed as an infant. At the age of four, she was diagnosed with autism and mental retardation and was educated in special education programs with some degree of integration until high school. In spite of her significant disabilities, Sue graduated with honors from Whittier High School, as a fully included student, with a 3.98 GPA and 1370 on the SAT. She then attended Whittier College where, after sixteen years, she graduated with a BA in Latin American History in May 2013. While in college, Sue held a John Greenleaf Whittier Scholarship awarded solely on merit, without regard to her disability. Sue was the subject of and writer for the 2004 Academy Award-nominated documentary “Autism is a World” and is a dedicated advocate for people with disabilities.

We extend a special thanks to Hiram College for bringing Sue and her parents to Northeast Ohio and for making this visit to Lerner College of Medicine possible.
Check it Out!
The New and Improved Lerner College of Medicine Website

The Cleveland Clinic Lerner College of Medicine is sporting a new website, which launched in October: http://portals.clevelandclinic.org/cclcm/ . Designed with prospective students in mind, the content has been reorganized to make information easier to find. The entire site has been updated with a clean, crisp and modern look, and incorporates Cleveland Clinic branding standards.

What’s new on the site? We are excited about Match Map, which is an interactive feature showing where our students have matched. We also have a student slideshow that offers a visual overview of life at Lerner College of Medicine, and an entire section of video vignettes so that prospective students can learn about Lerner College of Medicine from current students, 24 hours a day, 7 days a week. (More student video vignettes will be loaded on the site once they are finished.)

The site redesign was led by web designer Debra Shirley and included a team of professionals from our technical group and marketing communications. The team took into consideration feedback from Curricular Affairs, Admissions and students.

Please note that any bookmarked pages from the old site will be redirected to the new site automatically.

We hope you find the new site useful, easy to navigate and visually appealing. And we welcome all feedback!
The Drama Beneath

The Cleveland Arts Prize presentation, “The Drama Beneath,” was presented on Tuesday, December 3, 2013 with Andrea Levy, Illustrator/Photographer for The Plain Dealer, as the featured guest.

Andrea Levy is a 2013 winner of the Cleveland Arts Prize. An illustrator/photographer for The Plain Dealer, she continues to break new ground in visual journalism. Simply stated, she has been the backbone of a fine-arts approach to illustration in the most unlikely of mediums – a daily newspaper. Her work has reached international audiences including Asia, Europe, Scandinavia, South and Central America, and all over North America. She has received high honors from numerous professional societies including three Gold and six Silver medals and countless Awards of Excellence from the Society for News Design’s Best of News Design, with newspapers competing from around the globe. Other recognition has come from the Society of Professional Journalists, National Press Photographers Association, the Ohio News Photographers Association, the Associated Press Society, the National Association of Black Journalists, and the Press Club of Cleveland, just to name a few. Her work can be viewed in other publications including New York Times, Washington Post, Wall Street Journal, Village Voice, and Los Angeles Times. In addition to winning the Cleveland Arts Prize this year, she was honored with the Community Partnership of the Arts and Culture Workshop Fellowship.

This program is part of a series sponsored by the Arts and Medicine Institute; the Program in Medical Humanities – of the Center for Ethics, Humanities & Spiritual Care and of Cleveland Clinic Lerner College of Medicine; and the Cleveland Arts Prize.

Learning about Cleveland’s Storied Past

On Monday, November 11, 2013 at the Foundation House, Dan Ruminski, Cleveland storyteller extraordinaire, presented an intriguing historical presentation highlighting Cleveland’s “storied past,” luxurious Millionaire’s Row, and unearthed our most influential and historic families, many of whom are still familiar to us today, such as Rockefeller, Mather, Wade, Gund, Brush, Severance and Hanna.

This event was sponsored by the Program in Medical Humanities – of the Center for Ethics, Humanities & Spiritual Care and of Cleveland Clinic Lerner College of Medicine—and was presented to students, staff and other guests.

Dan is a lifelong resident of the Cleveland area, raised in Pepper Pike, OH. He is a graduate of Orange High School as well as John Carroll University receiving a B.A. Degree in Political Science with a philosophy minor. His Cleveland Storyteller project began in April, 2008 with a research focus on Cleveland history, specifically the families of Millionaire’s Row and their contribution to Cleveland’s greatness during the years 1875-1929. His goal is to promote Cleveland nationally and rebuild Cleveland pride. He concluded his presentation with a hopeful message for Cleveland’s reclamation of lost glory.
Welcome, New Curriculum Leaders

Robert Dean, MD  
Director, Hematology 1, Immunology and Microbiology with Charles Tannenbaum, PhD

Virginia Foster  
Director, Epidemiology

Johanna Goldfarb, MD  
Director, Hematology 1, Immunology and Microbiology with Robert Dean, MD and Charles Tannenbaum, PhD  
Thread Leader, Infectious Disease/Microbiology

Christine Moravec, PhD  
Director, Basic Science Education

Daniel Neides, MD  
Director, OSCE

Farewell, Curriculum Leaders

Elumalai Appachi, MD  
Director, OSCE

Guy Chisolm, PhD  
Director, Basic Science Education

Peter Imrey, PhD  
Director, Epidemiology

Upcoming Lerner College of Medicine Events—Mark Your Calendars

February 20, 2014  
CWRU School of Medicine Lepow Research Day  
8:00 a.m.—5:00 p.m.  
Wolstein Biomedical Research Building

March 6, 2014  
CWRU School of Medicine Annual Education Retreat  
“High Value Healthcare from Bench to Bedside”  
7:30 a.m.—3:00 p.m.

March 10-21, 2014  
Class of 2014 Capstone Course

March 14, 2014  
4th Annual CCLCM Student Research Day

March 21, 2014  
Class of 2014 Match Day

March 27-29, 2014  
Association of American Medical Colleges 2014 Central Group on Educational Affairs (CGEA) Regional Spring Meeting  
InterContinental Hotel

April 15, 2014  
New Faculty Orientation  
7:30 a.m. – 12:30 p.m.  
NA3-57

May 17, 2014  
Class of 2014 Celebration  
InterContinental Hotel, Bank of America Conference Center

May 18, 2014  
CWRU School of Medicine Class of 2014 Graduation  
Severance Hall

July 29, 2014  
Annual CCLCM State of the College  
5:30 p.m.—7:30 p.m.  
InterContinental Hotel, Ballroom C

Cleveland Clinic Lerner College of Medicine  
9500 Euclid Avenue/NA24  
Cleveland, OH 44195  
(Phone) 216.445.7435 or 800.745.7438 (Fax) 216.445.7442  
Email: cclem@ccf.org  
Contact: Debbie Schuster, schustd@ccf.org  
clevelandclinic.org/cclcm