



UNIVERSITY *of* MARYLAND SCHOOL OF MEDICINE



SPECIAL EDITION OF
MARYLAND MEDICINE FRONT LINE NEWS:
2020 STATE OF THE SCHOOL

INTRODUCTION

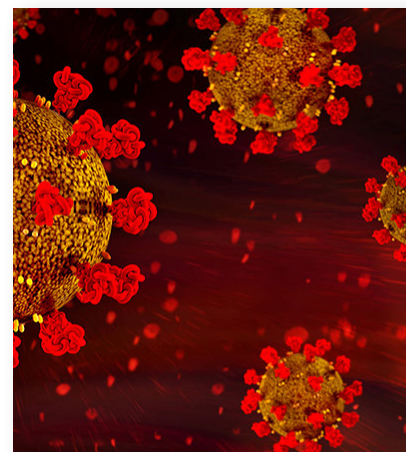


Dear Members of the UMSOM Community:

The University of Maryland School of Medicine continued on its upward trajectory of growth and success in each of its core mission areas (research, education, clinical care, and community impact), amidst the unusual challenges of the COVID-19 pandemic. While the challenges of the pandemic affected nearly every aspect of the UMSOM's operations, there were many positive developments that provided a "silver lining" in the 2020 Academic Year.

The following is a brief list of many of these experiences:

- The COVID-19 Response, led by the campus-wide Incident Command System, was established in January and proved to be highly effective, exemplifying the successful collaboration between UMB, UMSOM, UMMC, and UMMS;
- UMSOM's Center for Vaccine Development & Global Health (CVD) led the way in COVID-19 vaccine development and therapeutics;
- UMSOM's Consortium between the Institute for Genome Sciences (IGS) and the University of Maryland Pathology Associates (UMPA), created a high-throughput laboratory for COVID-19 testing across the state of Maryland;
- UMSOM's growth trajectory in total research funding continued to reach new record levels;
- The Special Trans-Disciplinary Recruitment Award Program (STRAP) initiative continued to attract top researchers-physicians-scientists and biomedical scientists with significant levels of NIH funding;
- The MD Program successfully launched its new "Renaissance Curriculum." All student groups (MD, GPILS, Allied Health) seamlessly managed a complex restructuring of in-person and online classes;
- Several community impact programs were expanded during the pandemic, using virtual platforms that attracted hundreds of online participants locally and across the U.S.



This report reflects, in brief, a selection of high points from the 2019-20 review period. It outlines the challenges the UMSOM faced, and what we did to meet and address them. The report also provides our goals and objectives in each of our four mission areas for the coming year.

I want to extend my sincerest appreciation to everyone in the UMSOM Community, our Board of Visitors, the leadership and staff of UMMS/ UMMC, and, in particular, to President Jarrell and the entire UMB campus leadership, for their support!

A MESSAGE OF SINCERE GRATITUDE

“I would like to take this opportunity to offer my deepest thanks and appreciation to the leadership of the UMSOM: Chairs, Directors, and all of our Assistant, Associate, Senior Associate, and Vice Deans, as well as our UMSOM Board of Visitors, and our partners at the University of Maryland Medical System and Medical Center. In this unprecedented time, you have provided exceptional leadership, and you have contributed to a year of extraordinary growth and success.

I know none of our success would be possible without the resilience, dedication, and commitment of our faculty, staff, trainees, and students. We owe them the sincerest debt of gratitude!

I could not be more proud of how we have come together as a community during this challenging time. Our drive to succeed amidst the most urgent and pressing challenges clearly indicates our resilience and relentless spirit.

Again, I want to thank each and every one of you for your dedication to achieving the highest levels of excellence!”

A handwritten signature in black ink, reading "E. Albert Reece". The signature is fluid and cursive, with a large, stylized "E" and "R".

E. Albert Reece, MD, PhD, MBA

*Executive Vice President for Medical Affairs, UM Baltimore
John Z. and Akiko K. Bowers Distinguished Professor and
Dean, University of Maryland School of Medicine*

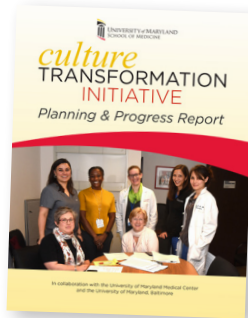
CULTURE TRANSFORMATION

The University of Maryland School of Medicine's (UMSOM) **Culture Transformation Initiative (CTI)**, was launched in 2019 to ensure a diverse, inclusive, respectful, and professional environment. The CTI made significant progress across a range of targeted areas during the 2020 Academic Year.

As part of CTI, the UMSOM took immediate action in 2018 and early 2019 to restructure the senior management team and implement new policies related to workplace relationships and disruptive behavior. Since then, CTI has focused on addressing a range of key priorities identified by the Dean's **Culture Transformation Initiative Advisory Council (CTAC)**. These include several developments during the year related to faculty equity in promotion and compensation, faculty diversity profile, and equity in faculty search policy, as well as plans to create a new **UMSOM Center for Diversity, Equity, and Inclusion**.

FY20 Accomplishments

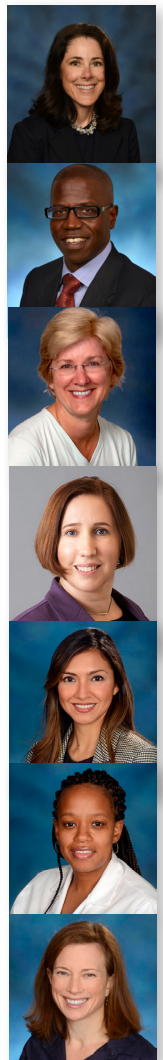
- Created **equity in promotion** (New Path) for non-tenure track faculty – a policy to specifically benefit clinician-educators and administrators;
- Completed a **Faculty Equity in Compensation Study**;
- Developed a new **Diversity Dashboard** – an interactive platform to view faculty diversity across a range of variables;
- Finalized the new **diversity faculty recruitment policy**, while continuing departmental grand rounds presentations on diversity and inclusion in academic medicine with the goal of reaching all departments;



UMSOM FY 2020 Diversity Snapshot

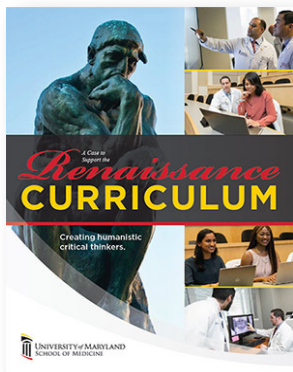
Women Faculty	40%
Women in Senior Leadership	40%
Women MD Students	60%
Under-Represented Minority (URM) Students: MD	23%
MD Students of Color	40%
GPILS	18%
Allied Health	16%

- Integrated monthly “**Cultural M&M**” case presentations into the Department of Surgery’s Grand Rounds schedule;
- Promoted **Dr. Victoria Marchese** to Chair of the Department of Physical Therapy and Rehabilitation Science;
- Promoted **Dr. Rodney Taylor** to Chair of the Department of Otorhinolaryngology-Head & Neck Surgery;
- Appointed **Dr. Sheri Slezak** to Vice Chair of Faculty Affairs to ensure the Department of Surgery is moving towards a professional, respectful, and inclusive work environment;
- Appointed **Dr. Kimberly Lumpkins** as first President of the UMSOM Women in Medicine and Science organization to support the professional and academic success of women faculty;
- Appointed **Dr. Sandra Quezada** as assistant dean for faculty diversity and inclusion;
- Appointed **Dr. Kristin Reavis** as director of student diversity and inclusion;
- Added **Dr. Miriam Laufer** as assistant dean for medical student research education in the Office of Academic Affairs;
- Initiated **core education faculty workshops** with the UMB teaching and learning center on Team Based Learning;
- Established the **Dean’s Behavior Advisory Committee** to address faculty and staff issues of professionalism;
- Established a **Conflict of Interest Program** as part of the Office of Research Affairs, co-led by **Dr. Terry Rogers** and **Dr. Joni Prasad**;
- Secured additional philanthropic dollars directed to faculty development for medical educators;
- Recruited the Master’s in Public Health Program Director to serve as the **Chair of the Diversity and Inclusion Committee** for the Association of Schools and Programs of Public Health. This position will allow for greater visibility and position the UMSOM to serve as leaders in diversity and inclusion initiatives;
- Introduced a new **Genetic Counseling lecture** on the delivery of genetic counseling services and clinical encounters (such as transgender individuals receiving oncology services for hereditary cancer syndromes) within the LGBTQ and transitioning community.



EDUCATION:

Academic Year 2020 was a historic and memorable year for the UMSOM in Education, thanks to the tireless work of dedicated staff in **UMSOM Academic Affairs**, including those in **MD Admissions** and **Student Affairs**, as well as those in the **GPILS** and **Allied Health Programs**. The UMSOM successfully launched its new **Renaissance Curriculum** in the MD Program, while at the same time managing a challenging and complex range of virtual and in-person classes during the COVID-19 pandemic. The year was also marked by the introduction of innovative new classes and advances in the diversity profile of the UMSOM student body.



FY20 Accomplishments

- Completed **restructuring of Office of Medical Education (OME)** in preparation for Renaissance Curriculum;
 - New assistant dean positions
 - Creation of Assessment Review Committee
- Held inaugural **retreat for Core Educators** in preparation for the Renaissance Curriculum;
- Developed **39 online courses** on short notice when classes and rotations were suspended, to keep students engaged academically and provide a path to graduation for the Class of 2021 (including a COVID-19 course primarily for the Class of 2022);
- Added a **Culinary Medicine** course to curriculum;



- Completion of renovation of the **Maurice N. Reid, MD '97 Collaborative Learning Space**;
- Completed **Renaissance Curriculum** development to revamp and renew the curriculum to allow student exploration of non-traditional content and provide curricular flexibility, launched in August 2020;
- The Department of Pediatrics created a curriculum on **Adverse Childhood Experiences**, including a new elective rotation for medical students;
- Created an **HIV Interprofessional Education Pathway**;
- Created a **History of Medicine** elective with a seminar/online education format;
- Reviewed and revised** the Department of Medical and Research Technology (DMRT) fall 2019 course schedules and exam matrices to optimize teaching/learning objectives;
- Reviewed and redesigned** the DMRT MEDT 451 Cellular and Molecular Biology course to better reflect molecular diagnostic trends and advances in clinical and research laboratories;



- The Graduate Program in Life Sciences established a **new Biostatistics course** for all students;
- Developed a National Board of Medical Examiners question writing workshop for course directors;
- Secured additional **philanthropic dollars** directed to faculty development for medical educators;
- Genetic Counseling** identified areas of growth in the curriculum that focus on business development and reimbursement;
- UMSOM's **CME Program** was awarded **re-accreditation** with commendation for continuing medical education, the highest level of achievement recognized by the AACME, applicable for the next five years.

FY20 Challenges

- Moving **entire curriculum to online/virtual** over the course of a few days;
- Working with LCME and reviewing academic records of all graduating students to construct pathways to on-time graduation amid shutdown;
- Maintaining **education leadership duties** when most of the teaching faculty were required to shift to clinical duties during the early days of the pandemic;
- Conversion of **Match Day** and **Graduation** to a virtual format;
- **Redesigning** the order of the curriculum for the Class of 2022 because of mass cancellation of USMLE testing spots;
- **Rearranged students' blocks of time** to prepare for the exam to a later date, while developing a COVID-19 course for them to take during their usual study block.



FY21 Goals and Objectives

- **Launch of the Renaissance Curriculum August 2020**
 - Further complicated by ongoing distance learning for a curriculum based on active learning
 - Creation of the Education Content Review Committee
- Work with the Dean and departments to secure adequate **protected time for course directors**;

- Conduct a **Needs Assessment** and provide faculty development for Core Educators;
- **Maintain excellence** in our recruitment of the class of 2025 and Match for the Class of 2021 in a fully virtual interview environment;
- **Increase in Curriculum Support Services** (IT) staffing to meet exponentially increased demand for services;
- **Maintain readiness** to pivot to all-remote learning should the pandemic dictate;
- **Increase focus on Anti-Racism and Diversity, Equity, and Inclusion** content in our curriculum.

COMMUNITY IMPACT:

The UMSOM continued to increase its impact in the community that it serves. With new leadership in UMSOM's **Program in Health Equity and Population Health**, the UMSOM actively expanded its engagement and impact in the local community through a range of new programs and collaborations. This included a new focus on health disparities emerging from the COVID-19 pandemic.

In addition, UMSOM faculty were named to senior health leadership positions locally, nationally, and globally.

UMSOM's **Mini-Med School** and **Mini-Med School for Kids Program** attracted record numbers to its online classes, with engaging classes on nutrition, exercise, addiction, viruses and infectious disease, diabetes, and heart disease.

FY20 Accomplishments

- Our Program in **Health equity and Population Health** combines research, education, and service to advance health equity by addressing the critical health issues often influenced by the social determinants of health;

- Newly appointed in May 2019, Director **Erin Hager, PhD**, and Deputy Director **Laundette Jones, PhD, MPH**, plan to increase the Program's funding in coming years. In FY19, the program developed a research project inventory of program affiliate grants to foster collaboration and grant submissions. It also expanded the membership to 73 faculty affiliates, including 57 from UMSOM;

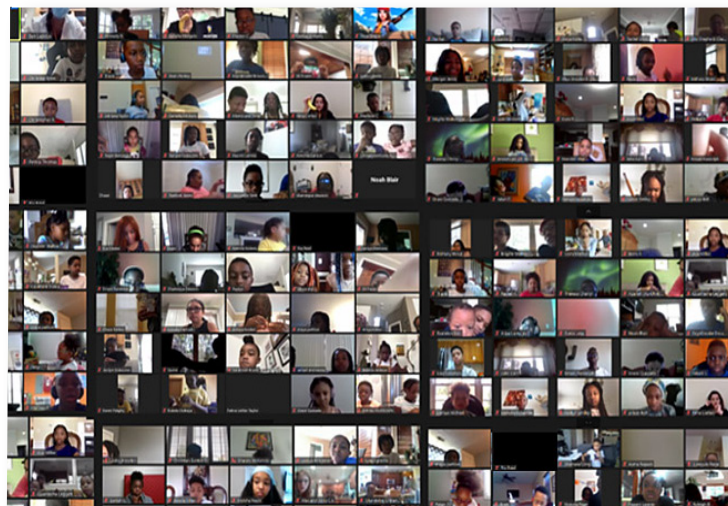
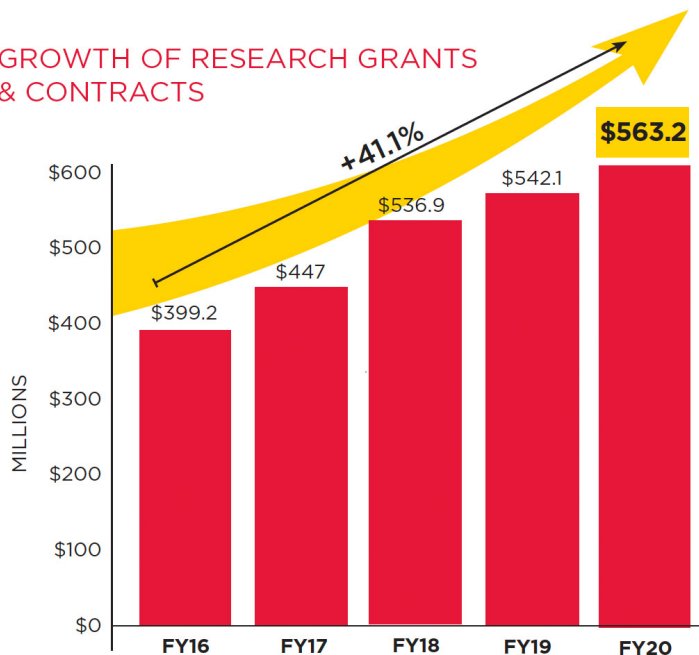


Ali Aneizi
Freidrich Datu Anselmo
Lillian Assatourian
Claudia Regina Avalos
Varun Ayyaswami
Brigit DeVine Baglien
Brenna Mae Beck
Dylan Gregory Bertoni
Erin Eva Bewley
Katherine Ann B...
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- In FY19, there were **331 active grants totaling nearly \$128 million**. Of these, 129 were from UMSOM affiliates totaling more than \$94 million, with 46 projects totaling \$9.2 million from affiliates, in the Department of Epidemiology and Public Health;
- We are continuing to identify ways to **expand our engagement with the community** to share our knowledge and skills with the local, national, and international communities. Some of the community service provided by the students, staff and faculty during FY 2020 included:
 - Assembling food baskets at the Maryland Food Bank
 - Participating in health/wellness fairs
 - Teaching healthy nutrition to students through the UMB Kids to Farmers Market Program
- In the UMMC Laboratories of Pathology, provided **phlebotomy training** to Baltimore City Community College students;
- Participated in **Hospital C2X Service Projects** – the Joy in July Drive for Pediatric patients and families, in conjunction with the **Violence Protection Program**, and a service project during Lab Week;
- Instituted a **new MPH service-learning requirement** for all students in their first term, leading to student involvement in several UMB Community Engagement Center efforts, such as the POP Farm community garden project, the Get Out the Vote campaign, and the Monday Market;

GROWTH OF RESEARCH GRANTS & CONTRACTS



- In addition, we collaborated with the College Park campus to have a **student volunteer with Project HEAL**, which is providing cancer prevention within Baltimore's African American churches;
- We also placed students within the **B'More for Healthy Babies Project** to provide blood pressure screening and education in West Baltimore community sites;
- Established a **rural residency program** in Maryland's rural Eastern shore communities with a major award from Health Resources and Services Administration (HRSA);
- Received an **Opioid Crisis HSRA grant** for high-need locations in Maryland;
- Had two of our own – **Dr. Wilbur Chen** and **Dr. David Marcozzi** – named to Governor's Coronavirus Response Team to provide expertise and counsel for the public;
- Our own **Dr. Samba Sow** was named World Health Organization COVID-19 Advisor.



FY20 Challenges

Several key positions and entities have yet to be developed, as outlined in the Strategic Plan:

- **Director of Community Engagement** (providing direction to the School of Medicine's community engagement mission);
- **The Director of the Program in Health Equity** and Population Health is a research-based position without a funded effort dedicated to community program initiatives.

FY21 Goals and Objectives

- **Develop metrics** for Community Impact for Departments to follow when completing their UMSOM annual report;
- **Provide education and training** to support faculty in meeting the new Community Impact metrics that align with the 2017-2022 Strategic Plan;
- **Bimonthly webinar** supported by the Program in Health Equity and Population Health and the Center of Excellence in Diversity Equity and Inclusion;
- Conduct an **audit of community research** taking place in the UMSOM (led by the Program in Health Equity and Population Health).

RESEARCH:

Academic Year 2020 may have been the most remarkable year in advancing UMSOM's Research Mission. At a time when the COVID-19 pandemic was paramount as a global public health issue, the UMSOM was front and center in leading COVID-19 vaccine development treatment and testing, while at the same time significantly advancing its research mission, and reaching a new record of total research funding, eclipsing **\$563 million** for the first time in UMSOM history. The UMSOM continued to rise as an upper-echelon research institution by building on its long-term **ACCE-Med Initiative**, the UMSOM's multi-year strategy.

The **ACCE-Med Initiative** has included innovations such as:

- The **Annual Festival of Science**
- The **Scientific Advisory Council**
- A renewed focus on interdisciplinary research, the opening of new core biomedical research facilities (**CIBR**)
- Introduction of the new **Foundations of Research and Critical Thinking** course in the MD curriculum, and the development of a research continuum across the UMSOM, in which faculty and students at all levels play a role in advancing science and discovery.

As the most recent **ACCE-Med Initiative** during Academic Year 2020, the UMSOM concluded the **STRAP Initiative** as one of the most successful **Dean's Challenge Initiatives**. The

Initiative resulted in the successful recruitment of 26 teams of preeminent NIH-researcher-physician-scientists, bringing more than **\$100 million** in NIH funding to the UMSOM.

FY20 Accomplishments

- Completed **STRAP** recruitment program – STRAP Faculty added **\$101 million in grant** money;



- Established a **Substance Use in Pregnancy Program** as a new collaborative clinical/translational program, which provides seed funding to faculty in Neuroanatomy, OB/GYN, and Psychiatry to study issues related to pregnancy and substance use;
- Finished FY20 with total of **\$563 million** in grants and contract awards (**4% increase**);
- UMSOM Researchers pivoted in response to pandemic to apply for **\$193 million** in COVID-19 research, with **\$32 million** awarded for projects, including vaccine trials with Moderna and Pfizer vaccines;
- **Promoted Dr. Richard Eckert** to Deputy Director of the University of Maryland Marlene and Stewart Greenebaum Comprehensive Cancer Center. He assumes principal responsibility for scientific and research leadership;
- Featured Global Health Research as the theme in the **2019 Festival of Science**;
- As Co-PI, **Dr. Stephen Davis** received a five-year Clinical and Translational Science Award with Johns Hopkins University on May 31, 2019. **This Interdisciplinary Hub for Clinical Translational Research (ICTR)** will improve the health of individuals by bringing bench-side research to clinical practices. **All seven UMB Schools collaborate with the ICTR**, bringing great significance for UMB and the Baltimore community;

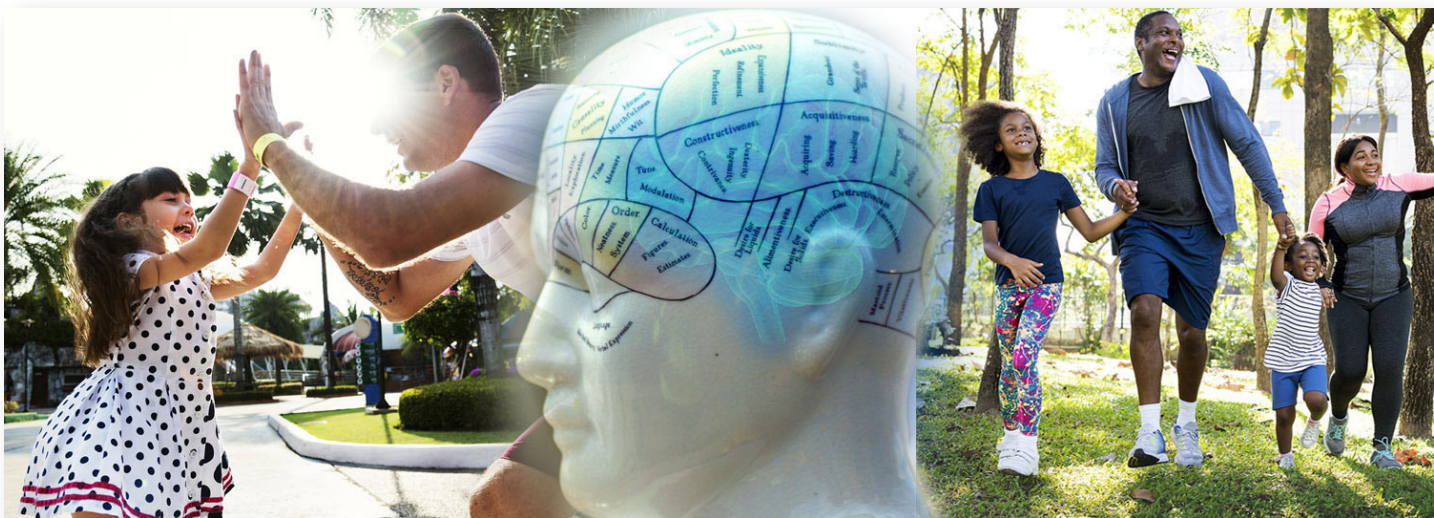


- **The ICTR** selected eight UMB pre-doctoral scholars (along with ICTR scholars from Johns Hopkins) to participate in the Pre-Doctoral Clinical Research Training Program (PC RTP). The PC RTP is a year-long career development opportunity that provides joint UMB and JHU programming to expose and train scholars in clinical research;
- The Center for Vaccine Development and Global Health received more than **\$200 million** in funding for the largest ever research contract awarded to the UMSOM for a major collaborative research effort in clinical **testing of influenza vaccines**;
- Reached significant milestones in **GEMS research**, benefiting youth in poorer countries in Africa and South Asia;
- **The Artificial Intelligence + Medicine for High Impact (AIM-HI)** also provided seed funding to initiate collaborations with UMCP and provide support for UMSOM's existing senior faculty. This partnership funds cutting-edge projects in artificial intelligence. Three UMSOM investigator teams are now funded in this ambitious program;
- Recruited **Dr. Christine Lau** to serve as Chair of the Department of Surgery, who brought with her a **multi-year, \$3.3 million grant** from the National Institutes of Health;
- The UMSOM continued its vigorous activity to increase private philanthropic support of research, resulting in **\$1,528,898 in research gifts** through December 31, 2019;
- Recent **grant support from foundations and organizations** includes:
 - \$100,000 from the Kahlert Foundation
 - \$60,000 from the Keep Punching Foundation
 - \$50,000 from the International Association for the Study of Lung Cancer
 - \$25,000 from VIIV Healthcare;



- \$1,810,000 in outstanding grant submissions;
- **Early first-quarter-sponsored research funding includes:**
 - \$694,813 from the Bill & Melinda Gates Foundation,
 - \$384,213 from the American Cancer Society
 - \$254,493 from the Hearing Health Foundation
 - \$254,000 from the American Heart Association;
- **The Program in Aging, Trauma, and Emergency Care (PATEC)** research has grown into a large collaborative effort, including more than 40 clinicians and researchers in the Center for Research on Aging, the Department of Emergency Medicine, and the Center for Shock, Trauma, and Anesthesiology Research;
- Initiated an **Organized Research Center on Biology and Behavior Across the Lifespan (BBAL)**, as a collaboration between UMSOM and School of Nursing faculty;
- Initiated a new Center for Integrative Medicine research collaboration through a **UMB CURE grant** from the NIH, including a partnership with the University of Maryland Marlene and Stewart Greenebaum Comprehensive Cancer Center;





- Began a new partnership between the **Center for Epigenetic Research in Child Health & Brain Development** and the Development Office to double 2019 donations to over \$7,500 for our community engagement mission;
- Initiated a new Comparative Medicine Program **collaboration with Vascular Surgery** to support studies aimed at assessing adjunctive therapy to improve functional recovery after limb ischemia reperfusion injury (funded by the Department of Defense);
- Formed new collaborative research efforts between the Comparative Medicine Program and the Department of Radiation Oncology to understand the **pathogenesis associated with radiation** to develop medical countermeasures (funded by BARDA);

- **Received \$900,000** in funding from the CDC for COVID-19 research;
- **Received \$7 million** in funding from the National Institute on Drug Abuse to establish a data center for HIV and substance use disorders;
- **10th** anniversary of the STAR Center.



- **Began a Phase 3 clinical trial of investigational COVID-19 vaccine**, the first to be implemented under **Operation Warp Speed**, a multi-agency collaboration led by the U.S. Department of Health and Human Services. The goal is to accelerate the development, manufacturing, and distribution of medical countermeasures for COVID-19;

FY20 Challenges

- The pandemic caused research activities to **shut down** in March with gradual reopening to 50% occupancy
 - Difficult to adjust to these demands
 - Clinical research shut down for long periods as well;
- Encouraging faculty to stay focused on applying for awards during the shutdown period;
- While grant applications were robust in number, we have **not been applying** for large multi-PI awards in sufficient numbers.

FY21 Goals and Objectives

- Established a program to stimulate large multi-PI NIH application submission --i.e., Center, Program Project (P awards), grants, and cooperative NIH agreements (U awards) – called the **Large Grant Application Program (LGAP) Initiative**. This includes pre-award support for ORA to help get applications organized and submitted, combined with post-award prize funds;
- Establish new **translational research centers** in Kidney Discovery and another in Artificial Intelligence.

CLINICAL:

The UMSOM showed an incredible resilience in its ability to sustain its strong position in clinical care, amidst the **COVID-19** pandemic, which impacted every aspect of clinical operations during the second half of 2020. **With 21 percent growth over the past five years in clinical revenues**, the UMSOM was able to continue generating strong results nearly equivalent to the record-breaking levels of 2019, despite the clinical shutdown.

The UMSOM made significant advances during the year in recruiting new leadership to its **Program in Transplantation**, expanding its faculty practices, meeting the needs of substance abuse victims in Maryland, and serving as the leading source of COVID-19 testing for universities, nursing homes, and correctional facilities for the State.

FY20 Accomplishments

- Partnered with UMMC to meet the clinical challenges of the first COVID wave;
- Successfully recruited a new Director of the Program in Transplantation, **Dr. Daniel Maluf**;
- Completed construction of the **Fannie Angelos Cell Therapeutics Laboratory**;



- The UMSOM along with UMMC and the Tuberous Sclerosis Alliance joined together to launch first-of-a-kind centers in Maryland to treat adults with neurodevelopmental disabilities, such as autism. The two centers – University of Maryland **Center for Adults with Neurodevelopmental Disabilities (UMCAND)** and the **Tuberous Sclerosis Complex Center of Maryland (TSCCM)** – will provide clinical evaluation, care and treatment for adults with neurodevelopmental conditions such as autism, intellectual disability, epilepsy and tuberous sclerosis complex (TSC). Maryland Governor Larry Hogan joined Neurology Department Chair **Peter Crino, MD, PhD** at an event in HSRF III to make the announcement. Dr. Crino will direct the new centers.
- Inaugurated the **Heart and Vascular Leadership Council**;
- Merged** the UMSOM Center for Integrative Medicine with the Greenebaum Comprehensive Cancer Center to augment care and improve patients' quality of life;
- The University of Maryland Marlene & Stewart Greenebaum Comprehensive Cancer Center **ranked 16th** among Adult Cancer centers in U.S.;
- Expanded the Maryland **Addiction Consultation Service**;
- Oncology inpatient admissions grew to 1,338, with length of stay decreasing favorably by **8.3 percent**;
- Won Baltimore-based *Technical's* **Invention of the Year** for kidney delivery by drone;
- Expanded faculty practices in Prince George's County** to give patients access to destination clinical care. These include trauma, cardiac surgery, NICU, vascular surgery, radiology, orthopaedics, and critical care;
- Expanded** the Heart and Vascular Program to other systems outside of UMMS;

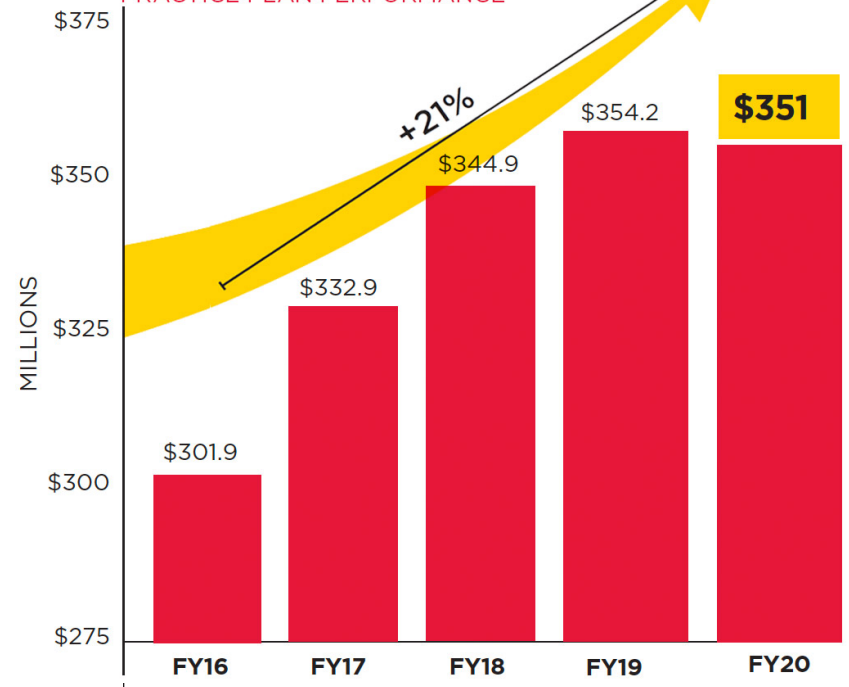


- The Family Medicine clinical **redesign model** earned an improved satisfaction score;
- Began efforts to create the first **child/adolescent inpatient** psychiatric unit;
- Debuted **new 24,000 sq. ft. adult inpatient behavioral health unit** with 37 beds in private rooms;
- Expanded the 1001 W. Pratt Practice for patients with opioid/substance use disorders;
- Established a **mobile unit** to provide accessible care to underserved individuals with substance use disorders;
- Opened a **new Office-Based Laboratory (OBL)** through the Department of Surgery, offering low-cost, more efficient procedures to patients while moving ambulatory volume out of the UMMC;
- Began plans to initiate an **adult allergy practice** in advanced phase of identifying and hiring an allergy nurse;
- Began plans to move half of the **Laryngology practice** to **Waterloo** campus for expansion;



- **Launched a large-scale COVID-19 testing initiative** with funding from the State and in collaboration with UMB, achieving the processing of nearly 220,000 tests with a two-day average turnaround;
- Recruited **two preeminent** multi-organ transplant professionals – a surgeon scientist and a transplant-scientist;
- **Launched a Kids & COVID-19 website** to provide resources for pediatric health care providers and families.

GROWTH OF CLINICAL REVENUE PRACTICE PLAN PERFORMANCE



FY20 Challenges

- COVID-19 had a very **negative impact** on our practice revenues;
- We are preparing for a **second COVID-19 wave** in conjunction with flu season.

FY21 Goals and Objectives

- Stabilize and strengthen our Program in Transplantation;
- Continue to meet the challenges of COVID-19 and as much as possible avert the devastating financial impacts on our practices.



DEVELOPMENT/PHILANTHROPY ACCOMPLISHMENTS

Amidst the challenges of the COVID-19 pandemic, UMSOM's Philanthropy accomplishments were significant and innovative. The UMSOM continued as the major force in the **Catalyst Campaign**, while leveraging UMSOM faculty to partner in generating funds for targeted programs and initiatives. The UMSOM utilized a combination of special donor events, grants, and individual solicitation meetings to drive a successful year that contributed **more than \$384 million** toward the overall goal of the campaign.



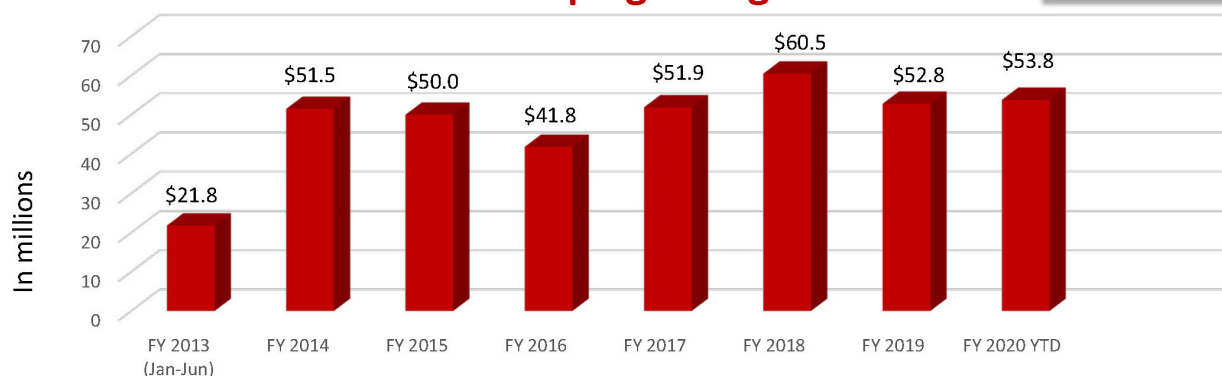
- The UMB **Catalyst Campaign**, which showcases the UMSOM as a “Catalyst for Improving Human Health,” was extended to December 31, 2022;
- UMSOM **reached \$384.1 million** toward goal (as of 6/30/20);
- Launched the “**Faculty Partners in Philanthropy**” program, which yielded significant results:
 - **\$2.5 M pledge from Howard S. Brown**
 - To establish the Thomas M. Scalea, M.D. Endowed Distinguished Professorship of Trauma Surgery;

- **\$1.4 M Harvey Topper Estate Gift**
 - Supports the Harvey Topper Pediatric Surgery Research Fund.
- **\$600 K grant from FORE**
 - To support the Treatment of Opioid Use Disorder through Telemedicine
- **\$500 K pledge from Susan and William Brody**
 - To establish the Cardiovascular Medicine 3D Printing Program Fund
- **\$250 K pledge from Pivot Health Solutions**
 - To establish the Pivot Health Solutions Physical Rehabilitation Science PhD Education Endowment
- **Engage BOV members and donors**
 - Bring together influential business and thought leaders in social setting
 - Feature speakers/expert faculty in key areas
 - Showcase UMSOM research, innovation, and teaching
 - Expand prospect pool
- Implemented **BOV Campaign Donor Engagement** – including
 - Board Member Events
 - **Dialogue with Dean Reece**
 - BOV *Inside the Catalyst Campaign* monthly e-newsletter.

As of June 30, 2020

UMSOM Campaign Progress to Date

\$384,149,405 (70%)



- **Cynthia Egan** was installed as the first female Board Chair of the School of Medicine Board of Visitors (BOV).

- The **Board of Visitors** welcomed three new board members:

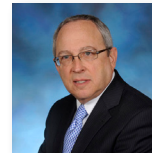
- **Calvin G. Butler, Jr.,**
Senior Executive Vice President,
Exelon CEO, Exelon Utilities

- **Marco A. Chacón, PhD,**
Founder & President
IRAZÚ Bio

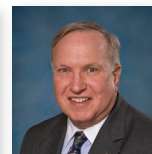
- **Belkis Leong-Hong,**
President and CEO,
Knowledge Advantage, Inc.



- **Abba Poliakoff, Chair,** Innovations and Entrepreneurship Committee, led the Board of Visitors creation of the new School of Medicine Innovations Fund in partnership with James Hughes, Senior Vice President and Chief Enterprise Economic Development Officer, and Interim Chief Philanthropy Officer and Interim President, UMB Foundation, Inc.



- **Jacqueline Young Perrins and Harry Knipp, MD '76, FACR, FACHT** held the first JP Morgan Salon event featuring **Graeme F. Woodworth, MD,** Professor and Chair, Neurosurgery on Feb. 25, 2020.





CONCLUSION

I wish to sincerely thank each of you in our UMSOM community for your commitment, dedication, and relentless pursuit of excellence. In particular, during this year of unusual challenges, I am greatly appreciative of how collaborative and supportive everyone has been. While this report has only touched on some highlights, I know that there were many other accomplishments and tireless work going on behind the scenes. Indeed, we are all in this together. I am confident that we will continue our tremendous growth and successes in the future.

Thanking you very kindly for your engagement and support.

E. Albert Reece, MD, PhD, MBA
Executive Vice President for Medical Affairs, UM Baltimore
John Z. and Akiko K. Bowers Distinguished Professor and
Dean, University of Maryland School of Medicine



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