**Strategic Initiatives 2014: Education Mission**

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**Strategic Priority 1**

**Education Goal:** Strengthen relationships with medical and graduate medical education alumni

Achievements since 2014:
- Developed more robust Medical Alumni Office with several full time staff
- Medical school leadership are members of the Medical Alumni Association Board of Directors
- Medical students have active representation on Medical Alumni Association Board of Directors
- Alumni contribution to medical student scholarships have remained stable at $268K annually
- Alumni participation in medical student programs such as Career Advising Night and shadowing programs continues to be enhanced
- New stethoscope fundraiser allows alumni members to purchase a stethoscope for each incoming first year student

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**Strategic Priority 2**

**Education Goal:** Revise the MD degree curriculum to include innovative learning strategies while increasing efficiency

Achievements since 2014:
- Cane Academy initiative was born helping to leverage educational technology towards a blended learning model in courses
  - Entire dermatology/ophthalmology model converted using Cane Academy blended learning model with excellent student satisfaction and student performance exceeding performance from prior traditional course model
  - Sections of courses (cardiac physiology, hematology) also employing blended learning model

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**Education Goal:** Increase scholarship funding available to both support diversity and inclusion initiatives and retain high metric, superbly qualified individuals

Achievements since 2014:
- Scholarship funding has increased from $1.1M for the incoming class in 2014 to $1.67M in 2016
  - Scholarship committee highlights holistic approach to awarding scholarships based on merit, need and diversity/adversity
  - Increased scholarship funding allowed UMMSM to increase recruitment and retention of underrepresented minority students
    - Class of 2020 became the most diverse class in the history of the UMMSM - underrepresented minorities increased by 63%, African-American students by 80%, Hispanic students by 55% and women by 49%

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**Education Goal:** Emphasize individual and population wellness

Achievements since 2014:
- Creation of Wellness Advisory Council made up of medical education and student leadership to integrate all facets of student well being in a comprehensive program for students
- Nutrition curriculum taskforce formed to identify a developmentally appropriate longitudinal curriculum for students that spans all four years
- Multispecialty Learning Communities were begun in 2014 for all interns in the UM/JMH residencies. This yearlong program includes longitudinal curriculum on physician wellness and strategies for stress reduction during the first year of residency and beyond.
- The UM/JFK residency programs have formed a wellness committee to provide activities for the residents in Palm Beach County

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**Education Goal:** Emphasize specialized training and competency in the practice of personalized medicine that focuses on relationship centered care, cross cultural care, early development and behavior, and biotechnology in the prevention, detection and management of disease

Achievements since 2014:
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- Creation of Cultural Competency Curriculum committee with widespread representation from faculty, staff, residents and students aimed at enhancing cultural sensitivity curriculum for medical students and residents
- The Annual UM/JMH new resident and fellow orientation was reorganized in 2016-2017 to begin with an overview of the communities in which the residents work. This introduction includes an overview of the African American and Black Communities in Miami, and history of the Hispanic Community in Miami the UM/JMH partnership, and Cultural competence in the care of the veteran patient.
- A Cultural Competency Curriculum has been initiated in the residency programs. This has been presented to the Pediatrics, Family Medicine, Medicine residencies, and will be presented to all core specialties.

**Education Goal: Become a recognized leader in health care education in the Americas**

**Achievements since 2014**, by country:

- Haiti: (Project Medishare) the Departments of Family Medicine and Pediatrics continue to be involved in research, education and clinical care in Haiti. This continues to offer opportunities for medical students, public health students and residents for research and education, and service learning and clinical care.
- Brazil: There are a number of research programs active in Brazil, mostly focused on emerging infectious diseases, trauma and acute surgical care.
- West Indies: Development of a UWI and UM/SCCC gynecologic Fellowship is ongoing.
- All residents and fellows at the UM/Jackson Memorial Hospital programs are able to participate in international rotations and continued paid salary and benefits during these rotations. There is an approval process in place for this through the GMEC.

**Strategic Priority 3**

**Education Goal: Instill a culture that fosters commitment to excellence through collaboration and lifelong learning**

**Achievements since 2014:**

- Increase in interprofessional educational (IPE) experiences for medical students through several areas of the curriculum (Patient Safety Week, disaster team training in MD/MPH program), through community service (integration of nursing and physical therapy students in DOCS health fairs)
- Establishment of IPE Taskforce at the university level to enhance IPE activities throughout entire university utilizing resources from all campuses (simulation hospital at School of Nursing, Gordon Center for Research in Medical Education at the Miller School)
- Quality and Efficiency efforts at JMH are focused on 5 projects involving residents, faculty, hospital administration, IT specialists, case management, and nurses in addressing quality issues at the hospital and clinics.
- In the MD/MPH curriculum, the year 1 students review the concepts of IPE and team based care. In year 3, there are two sessions with the FAU College of Nursing—one on communication skills, one using TBL to discuss ethics of medical error, and cultural competency.
- The UMMSM at Holy Cross Hospital has a focus on interdisciplinary learning in Patient Safety and Quality, simulation and direct patient care.

**Education Goal: Become regional leader in Graduate Medical Education with programs that exemplify best practices and cutting edge educational methodologies producing medical professionals who are leaders in health care research and delivery in their communities**

**Achievements since 2014:**

- UM/JFK consortium was formed and accredited in 2014.
- The UM/JFK consortium Cardiology Fellowship Program was accredited in 2016 and the first fellows began in July, 2016. There are 2 fellows per year in the three year program, which includes JFK and the West Palm Beach VA hospital.
- The University of Miami Hospital and Clinics (sponsor of the programs at Holy Cross Hospital) achieved full accreditation in 2016.
- The UMMSM at Holy Cross Hospital Internal Medicine Residency Program was accredited in 2014, and the first residents began there in July, 2015. There are 36 categorical residents training there, and 6 preliminary interns.
- The UM/JMH/Holy Cross Hospital Emergency Medicine Residency Program was accredited in October 2015, and the first residents began July, 2016. There are 15 residents training in the three year program. The residents train at JMH, UMH and Holy Cross Hospital.
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- An application has been submitted to the ACGME for a UMHC/Holy Cross Hospital Surgery Program. The anticipated start date will be July, 2017. The program will training 203 residents per year in the 5 year program. The residents will rotate through Holy Cross Hospital, the University of Miami Hospitals and Clinics, and JMH.

Education Goal: Actively seek to increase diversity in medical school classes, with enrichment and enrollment programs focused on identifying and enrolling underrepresented minorities

Achievements since 2014:

- Through a collaboration between the Offices of Admissions, Medical Education and Diversity & Inclusion, the Class of 2020 became the most diverse class in the history of the UMMSM - underrepresented minorities increased by 63%, African-American students by 80%, Hispanic students by 55% and women by 49%

- Pipeline programs
  - Continued existing summer Pipeline programs - High School Careers in Medicine for junior students, and for undergrads Motivations Program, MCAT Prep Program
  - Developed new longitudinal outreach programs - White Coat Society shadowing and mentoring for undergraduate students at UM and other regional schools, mentorship and advisement program for MPH students interested in pursuing medicine, collaboration on advisement and mentoring with POSSE, Upward Bound, and other existing Dade County support and mentoring programs

- Development of new health professions mentoring program to replace the prior Honors Program in Medicine (HPM) as a new academic enrichment program aimed at increasing diversity at the Miller School through this special designed pre-medical track
  - HPM students will receive multigenerational tiered mentoring and support through varied enhancement activities in a unique pre-medical curriculum