

Impact Statement

UCF College of Medicine, Academic Health Sciences Center

The UCF College of Medicine (COM) and Academic Health Sciences Center (AHSC) play critical roles in the university's mission of "unleashing potential." Through education, medical research and clinical care, both share a vision of creating tomorrow's healthcare and scientific leaders while advancing health and well-being in Central Florida and beyond. The COM's Medical City location offers unprecedented opportunities to advance health research and create a learning environment that prepares UCF-trained providers to address today's healthcare challenges. Driven by this opportunity, the impact of the COM and AHSC are outlined in this summary of accomplishments during the last five years. This impact has been achieved with declining faculty numbers (2018, 146 FTE faculty; 2022, 143 FTE faculty).

- 1. Created new Teaching Hospital.** Partnered with HCA Healthcare to build a joint venture 65-bed hospital that opened in 2021 and is educating UCF medical and nursing students sooner than anticipated. UCF Lake Nona Hospital has been selected as one of two "Clinical Transformation and Innovation" hospitals in the nation to conduct research into improving care.
- 2. Created new UCF Cancer Center.** In 2021, transformed Sanford Burnham Prebys Research Center into a new cancer center with basic research, clinical trials and cancer care under one roof. It offers a new model of cancer treatment for Orlando area, provides UCF with needed wet lab space, and will be the new home for COM cancer researchers.
- 3. Created new AHSC** and established its governance and first strategic plan with the goal of unleashing UCF's potential in medical research, interdisciplinary education and patient care. Most universities ranked in Top 10 in *U.S. News and World Report* rankings have AHSCs as research engines.
- 4. Created One of Florida's Fastest-Growing GME Programs.** The medical school started its first residency program in 2014 and today has 36 in Greater Orlando, Tallahassee, Gainesville, Pensacola and Ocala. These programs are training 560 physicians and helping solve the state's physician shortage. UCF's efforts have helped make Florida a net importer of physicians.
- 5. Created new Population Health Sciences Department** to provide infrastructure necessary for big data clinical research, resulting in an additional \$1 million in research grants over the last five years.
- 6. Began clinical trials unit as infrastructure for increased translational research.** Trials increased from 2 in 2020 to 24 in 2022 in areas including drug discovery, space medicine and vaccines. 45 trials are expected in 2023.
- 7. Research Growth.** Increased research grants from \$9.4 million in 2017-18 to \$15.6 million in 2021-22 with the same number of researchers.
- 8. Innovative Curriculum.** The COM's curriculum adapts to changing healthcare trends and in the last five years added electives in telemedicine, culinary medicine and business of medicine. Dr. German has been invited by Dr. Sanjay Gupta to speak at a national meeting on the future of healthcare education that will also feature Vice President Kamala Harris.

9. **Expanded Public Service** by M.D. students and faculty through KNIGHTS free Clinic at Grace Medical Home, Chapman Compassionate Care for the Homeless, Apopka Farmworker's Clinic, Nemours Children's Mobile Clinic
10. **Student Achievement.** M.D. students score above the national average on USMLE licensing exams and have earned a 98.5% match rate over the past five years. Burnett School undergraduates, on average, make up 20% of all undergraduate winners of the prestigious Order of Pegasus since its inception in 2001, while making up less than 5% of the student population. The growing BSBS graduate program is UCF's most diverse graduate program and its students have published in the most prestigious journals and have secured jobs at top academic institutions and industry.
11. **Expanded Medical Student Services,** including student advising, preparation for residency applications, wellness, and counseling.
12. **Advanced UCF Health** with new leadership, focus on core service lines, increased productivity, more patient visits and expanded educational site for MD students.
13. **New Leadership.** Hired nine new executive leaders to oversee academics, finance, IT, faculty affairs, clinical affairs, population health, graduate medical education, and diversity, equity and inclusion.