



Dear Friends,

In presenting this Annual Review for 2019, I am pleased to report once again that UT Southwestern is flourishing. Guided by our mission of promoting health and a healthy society that enables individuals to achieve their full potential, our faculty is making scientific discoveries, advancing patient care, and educating the next generation of physicians and scientists in ways that mean we are truly delivering the future of medicine, today.

We are deeply grateful for the support our stakeholders – our patients, our community friends, the federal government, and the state of Texas – have provided. It has been vital to our success, and we would not be the institution we are today without it. It has enabled us to build on the past, focus on the present, and shape the future as we pursue our goals for scientific leadership and clinical excellence.

Within the pages of this UT Southwestern Annual Review for 2019, you will find what we hope are engaging and informative stories and graphics about our most significant achievements and major milestones of the past academic year.

One of these stories highlights UT Southwestern's long-standing leadership in heart disease research. In 1985, Drs. Michael Brown and Joseph Goldstein were awarded the Nobel Prize in Physiology or Medicine for their identification of basic mechanisms controlling cholesterol metabolism, a discovery that led to the statin drugs used today to lower cholesterol. More recently, Dr. Helen Hobbs and her colleague, Dr. Jonathan Cohen, discovered the effect of the protein PCSK9 on cholesterol, leading to the development of PCSK9 inhibitors as another important weapon in the effort to control cholesterol. Generations of women in one family are now benefiting from the translational research that began with a Nobel Prize-winning discovery.

In our promise to deliver the future of medicine, our clinicians and researchers continue to adopt and test new technologies. Examples include installation of the GammaPod, a device that offers more precise, shorter duration breast cancer radiation treatments, and performing

the first single-incision robotic surgery in Texas, a revolutionary technology that should mean less pain and a faster recovery for patients.

Perhaps the most challenging frontier in medicine is unlocking mysteries of the brain and diminishing the devastating toll of brain disease. We concluded a major national search for the inaugural Director of the Peter O'Donnell Jr. Brain Institute in 2019 with the appointment of Dr. William Dauer, a nationally acclaimed expert on Parkinson's disease. Our goal is for Dr. Dauer to expand the O'Donnell Brain Institute's programs, building on UT Southwestern's distinctive strengths in neuroscience research and clinical care, and to make the O'Donnell Brain Institute a national leader in advancing the understanding and treatment of brain disease, one of society's most compelling medical and social problems.

In the educational arena, our new Medical School curriculum, which was launched in 2015, is now firmly established; the Class of 2019 was the first Medical School class to graduate having completed all four years under the new curriculum. In addition, our students are taking full advantage of new learning opportunities to practice medicine on lifelike manikins in the new state-of-the-art Simulation Center, which opened in the fall of 2018 and is one of the largest in the country.

To support all of this important work, we are expanding our research and patient care facilities. A third tower is being added to the William P. Clements Jr. University Hospital, and it is scheduled to open in September 2020. We are also expanding our capacity to provide radiation therapy and are building a second radiation oncology building that will be ready for use in September 2021. In addition, we have broken ground on a new two-tower building on North Campus; one tower will house outpatient cancer care of the Harold C. Simmons Comprehensive Cancer Center, and the other tower will be research space for the O'Donnell Brain Institute. And already completed, we opened in December 2019 UT Southwestern Medical Center at Frisco, along with a joint UTSW/Texas Health Resources hospital, expanding our geographic reach in a rapidly growing area of North Texas.

As part of our newest initiatives, we will be establishing an outpatient facility in the Red Bird Mall in South Dallas and, in collaboration with UT Dallas, we will be building a biomedical engineering building at UTSW.

Your steadfast support has been essential to our aspirations and achievements. On behalf of the entire campus community, I thank you for your generosity and continued commitment to UT Southwestern's mission and goals.

Sincerely,

A handwritten signature in black ink, appearing to read "DK Podolsky".

Daniel K. Podolsky, M.D.
President, UT Southwestern Medical Center