



THE MARSHAL VERNE ROSS FOUNDATION INC.

Gratitude Report

SERVING THE PERMIAN BASIN AND BEYOND

Today, more than ever, private scholarship support is vital to recruiting and retaining TTUHSC students in the Permian Basin. **The generous support of the Marshal Verne Ross Foundation Inc. provides much-needed financial assistance for students**, as the cost of living in the Permian Basin is among the highest in the state.

Your investment in our students encourages them to make Midland and Odessa their home during their coursework and as health care professionals after graduation. **Almost 1,000 health professionals in this region are graduates of TTUHSC — and are positively impacting the future of health care for those living in the region.**

TTUHSC's Schools of Health Professions, Medicine, and Nursing in the Permian Basin have significant roles in educating health care professionals and delivering exceptional health care. **Our graduates provide essential services to community hospitals and clinics in the Permian Basin and across West Texas and Eastern New Mexico.**

"We are fortunate to have a long-standing partnership with the Marshal Verne Ross Foundation Inc. Your support has made a significant impact in many areas, but specifically for our students. Private scholarships are the lifeblood for those pursuing a career in the health care arena. Thank you for recognizing their need and for providing such generous support."

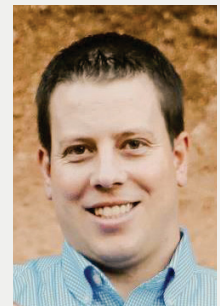
LORI RICE-SPEARMAN, PH.D.
TTUHSC PRESIDENT



IMPACT: EDUCATION

"Preparing to attend PA school, the biggest concern I had was how to pay for it, which was causing a great deal of stress for my family. Once I was told about the scholarship, all that stress was gone. Now, I am truly grateful that, as I study, I can focus on how to become the best PA. We appreciate everything that you've done, all the lives that you've touched, and just want to express that you changed our lives for the better. We are so very grateful. Thank you!"

WILLIAM GRIFFITH
STUDENT, PHYSICIAN ASSISTANT STUDIES PROGRAM
SCHOLARSHIP RECIPIENT: 2020-2021



"I'm a medical student in the Permian Basin. Specifically, I'm interested in emergency medicine and will be applying for a residency soon. My wife is a graduate student in Dallas, studying RNA biology, and she's my entire support system. I spend a lot of time driving back and forth, five and a half hours each way. Without your help, I would not have been able to do that, and I'm not sure I would have been able to make it through medical school. So again, thank you very much."

SAMUEL SCARBOROUGH
FOURTH-YEAR MEDICAL STUDENT
SCHOLARSHIP RECIPIENT: 2019-2020



THANK YOU FOR SUPPORTING **124** STUDENTS WITH SCHOLARSHIPS TOTALING **\$1.3 MILLION.**

Health Professions (PA, PT)
\$349,292 | 78 students

Medicine
\$476,696 | 28 students

Nursing
\$440,262 | 18 students



TTUHSC INFANTRISK CENTER

THOMAS W. HALE, R.PH., PH.D., DIRECTOR
PROFESSOR, PEDIATRICS

TERESA BAKER, M.D., CO-DIRECTOR
PROFESSOR, OBSTETRICS AND GYNECOLOGY

IMPACT: WOMEN'S HEALTH

RESEARCH: NEW INSIGHTS INTO BREAST CANCER RISK

For several years, we have known that breastfeeding significantly reduces the risk of breast cancer in breastfeeding women; the current established rate is about 1% per month of breastfeeding. The risk reduction of breastfeeding plateau's at about 36% after a total approximately three years of breastfeeding.

While there are various theories about why this occurs, in the last several years, researchers at the InfantRisk Center have studied the expression of various cancer genes in human milk to identify any correlation with the expression of hundreds of these genes and breastfeeding.

By studying about 30 women, including those who were BRCA-positive, we developed extensive skills at analyzing the lactocytes sluffed off in the mother's milk. We also worked extensively on how to best stabilize the sample and examine them using sophisticated genetic techniques. We now have clear evidence that during breastfeeding, the cancer-promoting genes decrease for the duration of breastmilk production.

Your funding has been entirely instrumental in helping us do this very extensive oncogene analysis. We are presently working on new avenues to study the cells in human milk.

**THANK YOU FOR YOUR GIFTS TOTALING \$50,000
TO SUPPORT INNOVATIVE RESEARCH.**

COMMUNITY OUTREACH: SERVING THROUGH OUR CLINICS

Today, health experts at the Jenna Welch Women's Center support clinical research, medical education, and community outreach as well as deliver outstanding health care for women and their families in the Permian Basin. The center features a specialty clinic catering to a variety of issues such as chronic pelvic pain, first-trimester pregnancy loss, and adolescent health. The teen-friendly exam rooms allow young women to begin their journey to good health.

**THANK YOU FOR YOUR GENEROUS SUPPORT OF WOMEN'S
HEALTH OUTREACH INITIATIVES WITH \$156,000 TO
THE LAURA W. BUSH INSTITUTE FOR WOMEN'S HEALTH.**



TEXAS TECH UNIVERSITY
HEALTH SCIENCES CENTER™
at the Permian Basin

*Texas Tech University Health Sciences Center values the
22-year partnership with the Marshal Verne Ross Foundation Inc.*