

Scholar
recipients

SEED GRANT & RESEARCH

MORE THAN \$100,000 GRANTED TO TTUHSC FACULTY RESEARCH ON TOPICS FROM "THE ROLE OF POTASSIUM CHANNELS IN UTERINE EXCITABILITY" BY PABLO ARTIGAS, PH.D., AND DOMINIQUE GAGNON, PH.D., TO "GENDER DISPARITY IN BURN INJURY SURVIVAL" BY SHARMILA DISSANAIKE, M.D., AND KENDRA RUMBAUGH, PH.D.

WOMEN'S HEALTH RESEARCH

PROVIDES FUNDING AND RESEARCH SUPPORT FOR TTUHSC CLINICAL FACULTY TO DEVELOP PROJECTS IN WOMEN'S HEALTH OR GENDER DIFFERENCES WITH A GRANT OF UP TO \$20,000, WHICH IS DISTRIBUTED OVER TWO YEARS.



ARE MENTAL HEALTH ISSUES IN DIABETICS FROM NEW MEXICO AND WEST TEXAS MORE PREVALENT IN ADOLESCENT GIRLS THAN IN ADOLESCENT BOYS?

\$10,303

MARCELA NUR, M.D.
School of Medicine

NANCY BECK, M.D.
School of Medicine

QUANTITATIVE ANALYSIS OF NERVE FIBERS IN ENDOMETRIOSIS: POTENTIAL FOR BETTER MANAGEMENT OF PAIN IN THE FUTURE

\$10,000

ANJANA NAIR, M.D.
School of Medicine

EFFECT OF ACUPUNCTURE ON VASCULAR BIOMARKERS AND PSYCHOLOGICAL WELL-BEING OF WOMEN UNDERGOING IN VITRO FERTILIZATION

\$10,000

JENNIFER PHY, D.O.
School of Medicine

JAOU-CHEN HUANG, M.D.
School of Medicine

IODINE LEVELS IN PREGNANT WOMEN IN WEST TEXAS

\$8,500

SURENDRA VARMA, M.D.
School of Medicine

ROBERT KAUFFMAN, M.D.
School of Medicine

CENTRALIZED SEED GRANTS

MADE POSSIBLE BY THE GENEROUS SUPPORT FROM THE UNIVERSITY MEDICAL CENTER (UMC) HEALTH SYSTEM, WORKING TO ADVANCE WOMEN'S HEALTH ACROSS MULTI-DISCIPLINARY SCIENCES. ELIGIBLE RESEARCH HIGHLIGHTS SEX- AND GENDER-BASED MEDICINE WITH A FOCUS ON WOMEN'S HEALTH. THESE UMC-BACKED SEED GRANTS GIVE RESEARCHERS UP TO \$20,000 FOR ONE YEAR OF RESEARCH.

GENDER DISPARITY IN BURN
INJURY SURVIVAL

\$10,000

SHARMILA DISSANAIKE, M.D.

School of Medicine

KENDRA RUMBAUGH, PH.D.

School of Medicine

GENDER DIFFERENCES IN
MULTIPLE SCLEROSIS RELATED
PAIN, CORRELATION WITH
BURDEN OF DISEASE AND
RESPONSIVENESS TO PAIN-
RELIEVING INTERVENTIONS

\$7,000

JOHN DETOLEDO, M.D.

School of Medicine

VOLKER NEUGEBAUER, M.D., PH.D.

School of Medicine

ROLE OF POTASSIUM
CHANNELS IN UTERUS
EXCITABILITY

\$20,000

PABLO ARTIGAS, PH.D.

School of Medicine

DOMINIQUE GAGNON, PH.D.

*Texas Tech University
Department of Physics*

INFLUENCE OF AGE ON THE
EFFECT OF PRECLINICAL
COGNITIVE DECLINE ON
MOBILITY IN WOMEN

\$10,300

C. ROGER JAMES, PH.D.

School of Medicine

JOHN DETOLEDO, M.D.

School of Medicine

DOES ABNORMAL
NEUROMUSCULAR
JUNCTION FUNCTION
PLAY A ROLE IN THE
PATHOGENESIS OF
MOTOR FATIGUE IN
WOMEN IN THE
CHILDBEARING
PERIOD WITH MULTIPLE
SCLEROSIS?

\$17,000

AHMED ELDOKLA, M.D.

School of Medicine

JOHN DETOLEDO, M.D.

School of Medicine