

 $\mathcal{H}$ EALTH, INDIVIDUALLY INSPIRED.

### MISSION

The Laura W. Bush Institute for Women's Health is dedicated to improving the lives of women and girls in Texas and across the nation by advancing multidisciplinary science in women's health. Recognizing that differences matter, we promote health, individually inspired, through scientific investigation, translation of science into practice and providing outreach that impacts the community today and tomorrow.

### VISION

To maintain a national position as leaders in women's health and gender-based medicine throughout Texas and the nation, while remaining committed to enriching the lives of women and girls in our communities.

### THE LAURA W. BUSH INSTITUTE FOR WOMEN'S HEALTH



We are proud to dedicate this issue to the thousands of women across Texas who have worked tirelessly through the COVID-19 pandemic. These few names and faces represent the many unsung heroes on the front lines and behind the scenes. Thank you for your generous service.

Lori Rice-Spearman, Ph.D. — Interim President, Texas Tech University Health Sciences Center (TTUHSC); Provost and Chief Academic Officer; University Distinguished Professor. Leader of the TTUHSC educational, scientific, and community response

Cynthia Jumper, M.D. — Professor of Medicine and Vice President for Health Policy & Special Health Initiatives TTUHSC. Collaborated with the Texas Department of State Health Services regarding procuring critical care equipment for the Texas COVID-19 stockpile

Marjorie Jenkins, M.D. — Co-Founder and Former Chief Scientific Officer of the Laura W. Bush Institute for Women's Health; Dean, University of South Carolina School of Medicine Greenville; Chief Academic Officer, Prisma Health-Upstate. Co-Developer of the VESper™ ventilator expansion device

Ashley Hamm — Interim Vice President of External Relations, TTUHSC. Leader in efforts to meet critical needs for front-line health care providers including PPE, child care, alternative housing, and mass communications throughout the system

Min Kang, Pharm.D. — Interim Senior Vice President of Research, TTUHSC. Developer of a decontamination chamber for N95 masks for healthcare workers throughout West Texas

Ginger Nelson, J.D. — Mayor of Amarillo, Texas. Served as the face of Amarillo's response to the pandemic, with a special outreach to reassure and answer questions from Panhandle children

Olga Dowell, M.D. — Family and Emergency Physician, TTUHSC Permian Basin

Amy Stark, M.D. — Associate Professor of Psychiatry, TTUHSC Amarillo

Susie Striegler, MSN, R.N. — Forensic Nurse, Hendrick Health System Abilene

Elisabeth Conser, M.D. — Associate Professor of Pediatrics, TTUHSC Lubbock

Amanda Spann, R.N. — Nurse, South Plains Hospice Care, Lubbock

Brenda Chavez, M.D. — Family Medicine Resident, TTUHSC Lubbock

Cynthia Williams, LVN — LVN, Larry Combest Community Health & Wellness Center Lubbock

Jessica Gray, M.D. — Family Physician, University Medical Center Physicians Lubbock

Young Ran Lee, Pharm.D. — Associate Professor of Pharmacy, TTUHSC Abilene

Michelle Tarbox, M.D. — Associate Professor of Dermatology, TTUHSC Lubbock

Regan Darby, N.P. — Family Nurse Practitioner, Shannon Medical Center San Angelo

Sharmila Dissanaike, M.D. — Professor and Chair, Department of Surgery TTUHSC Lubbock

Amber Machin, M.D. — Emergency Medicine, University Medical Center Lubbock

Dana Phillips, M.D. — Professor of Obstetrics and Gynecology, TTUHSC Lubbock

Lauren Cobbs, M.D. — Associate Dean for Student Affairs, TTUHSC School of Medicine Lubbock

Ana Argumaniz, N.P. — Community Health Center Abilene

Lilia Adra, Pharm.D. Candidate — Student, School of Pharmacy TTUHSC Amarillo

Judge Barbara Canales — County Judge, Coordinated state and local response to COVID-19 for Corpus Christi

### DEAR FRIENDS,



What a challenging time this has been. There was no roadmap to see us through a pandemic or to prepare us for quarantine. The Laura W. Bush Institute for Women's Health offices postponed six major fundraising events scheduled for spring and all our programs throughout the state came to a stop. We are now working to restore breast and cervical cancer screenings, pregnancy prevention programs and so much more. Thankfully, each of our amazing speakers has rebooked for the fall. We hope you will join us for these very special events.

It is a pleasure to share the photos and stories collected over the earlier months that take you from city to city with the institute's team. Mental health was a major focus for our Day of the Woman programs and our friend Terry Bentley Hill continued to share her story and inspire women across Texas. Our thanks also go to Teresa Baker, M.D., who agreed to speak to girls, teens and women about their ever-changing bodies and the anxiety and depression that can accompany those changes.

Our National Advisory Board Co-Chairmen Jeanne Cox and Jan Rees-Jones have been engaged and supportive every step of the way. Their advice and guidance have taken the institute to a new level of influence locally and nationally, and we appreciate them more each day.

Thank you for reading the IMPACT report and joining our mission to improve the lives of women everywhere.

SINCERELY.

Connie Tyne

EXECUTIVE DIRECTOR

Laura W. Bush Institute for Women's Health



# National Clavisory BOARD MEMBERS

Actively led by co-chairmen Jeanne Tower Cox and Jan Rees-Jones, the National Advisory Board of the Laura W. Bush Institute for Women's Health ensures that we are active in the communities we serve through sponsoring research, education and outreach. With the mission at the forefront, we continue to be dedicated to improving the lives of women and girls in Texas and across the nation.

This fall, the National Advisory Board will be welcoming two new members from San Angelo, Texas, Jackie Martin and Sheryl Pfluger.



#### FRONT ROW

Nancy Weiss, Gloria Hicks, Jan Rees-Jones, Laura Bush, Jeanne Cox, Lana Andrews, Lea Wright, Meredith Land

### BACK ROW

Diane Scovell, Kit Moncrief, Connie Tyne, Janet Tornelli-Mitchell, M.D., Nancy Neal, Norman Dozier, M.D., Donna Williams, Debbie Francis, Lisa Troutt, Elizabeth Webb

### NOT PICTURED

Larry Gill, Marjorie Jenkins, M.D., Christy McClendon, Maggie Murchison, Margaret Purvis, Diana Strauss, Laura Street, Lee Ann White













### COMMUNITY

ADVISORY BOARDS

## Members











### COMMUNITY

### ADVISORY BOARDS



### ABILENE, TEXAS

Pearl Merritt, Ed.D., M.S. regional director Elyse Lewis, outreach director Megan Allred Emerald Cassidy

Lisa Chavez Julie Denny Joy Ellinger Mary Gill Sue McWilliams

Kaye Price-Hawkins Katherine Rinard, M.D. Sara Trammell, M.D. Jackie Zimmerman, D.O.

### AMARILLO, TEXAS

Angela Knapp Eggers, regional director Donna Fansler, assistant director Melody Alexander Mary Bagwell Denise Blanchard Kelly Caviness Meaghan Collier Cindy Cunningham Beth Duke

Ana Estevez Amy Henderson Jessica Roper King Valerie Kiper Toni Knapp Danna Krause Mary Nell Lemert Amy-Beth Morrison Helen Piehl

Carolyn Sherrod \*Laura Street Shauna Thornhill, O.D. Courtney Vanderham Nancy Williams \*Lea Wright

Julie Phillips Puckett

Vicky Richmond

### LUBBOCK, TEXAS

Betsy Jones, Ed.D., regional director Maggie Ryan, administrator Kelly Crofoot Linda Greenstreet Claudia Griffin Heather Hocker Paula Key

Liane Locke \*Christy McClendon Heather McDonald \*Janet Tornelli-Mitchell, M.D. Cyndy Morris

\*Nancy Neal

Cathy Porter Carol Tarbox Andrea Tirey \*Nancy Weiss Leisha Womble Karen Worley

### SAN ANGELO EXECUTIVE BOARD

Susan Wilkinson, Ph.D. regional director Caroline Chambers outreach director Patty Gardner Clifton T. Jones, Ph.D. Leslie Mayrand, Ph.D. \*Sheryl Pfluger Rod Schumacher Bitsy Stone Kam Stribling

### SAN ANGELO MEDICAL BOARD

Robert Bennett, M.D. Michael Blanc, M.D. Penni Cambre, M.D. Rosalinda Carrizales, D.O. Warren Conaway, M.D. Duncan Fischer, M.D., Ph.D. Deborah Hajovsky, M.D. Charles Harzke, M.D. Clyde Henke, M.D. Sharon Kulig, Ph.D. Jennifer Moss, M.D. Genevieve Mejia, M.D. Kai "Jack" Sun, M.D. Shelly Weise, Ed.D. P.T. Susan Wilkinson, Ph.D.

### SAN ANGELO COMMUNITY ADVISORY BOARD

Liz Albert Scott Jameson Sheila Allev Kendal Jastrow Liz Bates Codi Kingman, M.D. Linda Thorsen Bond, Ph.D. Flor Madero, Ph.D. Sherian Briley \*Iackie Martin Susan Brooks Angie McCasland Colbey Bunger Genevieve Mejia, M.D. Penni Cambre, M.D. Jennifer Moss, M.D. Edward Carrasco \*Shervl Pfluger Rosalinda Carrizales, M.D. Katie Probandt Dinah Cummings, Ph.D. Jeanette Ramirez Crystin Darby Carolyn McEnrue Ridge Retha Fortenberry Linda Ross, DNP, R.N. Val Frank Kam Stribling Suzan Gargan Leana Talbott, Psy.D. Deborah Hajovsky, M.D. Will Welch

Ann West

Mia West

\*Serves as a National Advisory Board Member Nancy Hughes

Shannon Hunnicutt



All health professionals, doctors, nurses and pharmacists strive to provide the best possible care for their patients. In order to achieve this, the Laura W. Bush Institute for Women's Health is working to educate current and future health providers to consider each patient's uniqueness. First, that means taking into consideration how their sex and gender impacts their medical needs.

Through interactive online modules, students and clinicians are able to review the latest research on sex and gender differences, update their skill sets and go in-depth with subjects such as cardiovascular disease, diabetes, osteoporosis, infectious disease and alcohol use disorder.

These modules are now part of the required curriculum for some of our Texas Tech University Health Sciences Center students. When all five subjects are completed, the student receives a Sex and Gender Health Certificate of completion. The certificate qualifies the holder to join the Sex and Gender Health Collaborative Practitioner Registry found on the American Medical Women's Association website.



#### SEX AND GENDER SPECIFIC HEALTH MICRO MODULES

These micro modules provide a quick overview of the sex and gender differences in specific disease states/conditions. For more in-depth, clinical information, users are directed to the Learning Modules and Slide Library.



"Sex and Gender in Acute Care Medicine" is an important new textbook by Alyson McGregor, M.D., director of the Division of Sex and Gender in Emergency Medicine at Alpert School of Medicine at Brown University. This resource is posted under the Slide Library tab at sexandgenderhealth.org. The book is written for emergency medical professionals and each chapter covers a specific challenge they encounter. McGregor provides a pre-test and post-test with each chapter and highlights the sex and gender differences that could be overlooked by emergency personnel. Medical professionals consider this critical information in the pursuit of personalized medicine.



### BREAST CENTER OF EXCELLENCE



### Breast Center of Excellence

**TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER** 

The goal of the TTUHSC Breast Center of Excellence is to improve access to preventive care to underserved women who do not know or understand that services are available at no cost. Through breast and cervical cancer screening, we bring peace of mind to many women, lifesaving advice and treatments for others. The HPV vaccine is free and available to young women and men in an effort to prevent deadly cancers that could occur later in life. The institute supports the Breast Center of Excellence and appreciates the strong leadership of the director, breast surgeon Dr. Rakshanda Raman, M.D.

The center has had several key accomplishments in the past two grant years. The team was able to provide direct education to 3,456 attendees at community health fairs throughout 24 of the 26 counties and 2,458 clinical services to uninsured women of the Texas panhandle.

Information provided at health fairs includes cervical cancer, breast cancer and HPV vaccination awareness. It is during these events that TTUHSC Breast Center of Excellence allows participants to apply for breast and cervical screening and diagnostic services.

For 2020, we hoped to expand our education and increase awareness, education and screenings. However, the challenges of the COVID-19 virus have put a tremendous strain on local and state resources. In April, the CPRIT leadership withdrew their request for proposals that would extend grant funding when the current grants expire. Loss of funding will be a big challenge for these cancer prevention programs.

### MAMMOGRAM PROGRAM FOR WEST TEXAS

In the 2019-2020 program year, the Laura W. Bush Institute for Women's Health Mammogram Program in San Angelo, funded by the San Angelo Health Foundation and partnered with both Community Medical Center and Shannon Medical Center, has provided over 450 screening and diagnostic services to the women of the Concho Valley. From these services, 19 diagnoses of cancer have been made. The Mammogram Programs through the Laura W. Bush Institute for Women's Health in San Angelo over the last 8 years have provided over 3,200 breast cancer screening services. Of these, 1,797 (56.1%) were women who had not had a mammogram within the past year and 676 (21.1%) had never been screened.

### OUR UPCOMING EVENTS





Thursday September 3, 2020 11:00 a.m. - 1:00 p.m. McNease Convention Center

Former University of Mississippi football quarterback, Archie Manning played 13 seasons in the National Football League for the New Orleans Saints, Houston Oilers and Minnesota Vikings. As a standout college athlete, Manning's no. 18 jersey was retired and he was inducted into the College Football Hall of Fame. In the first college football game nationally broadcast in prime time in 1969, Manning threw for 436 yards and three touchdowns. After football, he became one of the 13 founding members of the College Football Playoff Committee in 2013. Two of his sons, Peyton and Eli, have had successful professional football careers, leading their teams to two Super Bowl wins apiece.



AN EVENING WITH

### Nolan Ryan

Thursday November 19, 2020 6:30 p.m. Abilene Convention Center

Nolan Ryan is one of the most decorated pitchers in Major League Baseball history. After high school, he was drafted by the New York Mets in the 1965 draft. During his record 27-year career, he accumulated 324 wins and established all-time records in strikeouts at 5,714 and no-hitters at 7, also throwing 12 one-hitters. Nolan's lengthy career spanned four decades, playing for the NY Mets, the Los Angeles Angels, the Houston Astros and the Texas Rangers. He was chosen as a Major League Baseball All-Star eight times.

### Fennifer Oshton, M.D., OB/GYN

Jennifer Ashton, M.D., OB/GYN is a physician, author, mother and friend. As the chief medical correspondent for ABC News and Good Morning America, she has been on the front line of the COVID-19 pandemic this year. Dr. Ashton has survived her own family tragedy and brings genuine hope and healing to others.



Amarillo, Texas Fall 2020 Purse Auction, 10:30 a.m. Luncheon, 11:30 a.m. - 1:00 p.m. Heritage Ballroom of the Amarillo Civic Center



Finding Health, Healing and Happiness with Dr. Jen

Lubbock, Texas Fall 2020 11:30 a.m. - 1:00 p.m.

Overton Hotel and Conference Center

### Poffee and Conversation

Thursday October 1, 2020, Dallas, Texas Coffee in Century Hall 9:00 a.m. - 9:30 a.m. | Program in the Debate Hall, 9:30 a.m. - 11:45 a.m. Old Parkland Campus, 3819 Maple Avenue

Daniel Clauw, M.D. is the Director of the Chronic Pain and Fatigue Research Center and Professor of Anesthesiology, Medicine and Psychiatry at the University of Michigan. Dr. Clauw is directing three NIH grants studying chronic pain conditions. Dr. Clauw has extensive experience with the use of opioids and other medications for pain relief.

Ziva Cooper, Ph.D. is the Research Director of the UCLA Cannabis Research Institute and Department of Psychiatry and Bio-behavioral Sciences. Dr. Cooper served on the National Academies of Sciences Committee that recently published a comprehensive consensus report of the health effects of cannabis and cannabinoids.





### SIGNATURE EVENTS





















### WOMEN'S HEALTH SYMPOSIUM: FORT WORTH

### "WOMEN'S BODIES 20 - 90: EXPERT ADVICE TO IMPROVE YOUR LIFE"

The annual Lunch & Learn at River Crest Country Club was enjoyed by 100 women interested in getting advice from OB/GYN, Dr. Teresa Baker. Her presentation covered the 10 conversations she has most often with her patients as they move through the hormonal phases of their lives. Some of the topics she discussed were fertility, birth control, hormone replacement therapy, hysterectomy, depression and menopause. There was relevant information for every woman in the room! Most guests were surprised by how medicine has changed and they were advised not to automatically take the path of their mothers or grandmothers. Baker also spoke of the challenges in maintaining physical and emotional health through the phases of their lives. The attendees, including Mayor Betsy Price, were excited to stay and get some "one-on-one" time with Baker as she answered questions. Special appreciation goes to Kit Moncrief for hosting this educational luncheon.

# History Hirst

### DOUBLE-HEADER

It was a joy to watch first daughters Barbara Pierce Bush and Jenna Bush Hager light up the stages in Amarillo and San Angelo on November 15, 2019. The two were on a book tour celebrating their new children's book, *Sisters First*, a "lovely, lyrical ode to the magic of sisterhood."

They were welcomed in Ammembers of the community advisor board and instantly felt the love. The Civic Center was filled with flowers, balloons, and beautifully dressed women. Opera star Eric Barry sang the National Anthem and TTUHSC Interim President Lori Rice-Spearman, Ph.D. made opening remarks. After a fabulous lunch prepared by Two Knives Catering, a pair of nine-year old girls entertained the crowd with a

White Christmas.

Mayor Ginger Nelson did a fine job interviewing Barbara and Jenna and the pair often added antidotes and funny stories as they reminisced about their childhood adventures. It was clear that the 560 guests would have stayed all afternoon if the stories had continued. The good news was that everyone

received a signed copy of their children's book Sisters First.

After a quick flight to San Angelo, Jenna and Barbara took a break and some fresh air with a jog along the Concho River and a walk through town. Having spent their early years in Midland, a couple of hours away,

They mentioned to the audience

later that there was no doubt

— they could live in San

Angelo!

began with a sold out VIP reception at RAW 1899 Wine Bar. Guests enjoyed tasty snacks and beverages, chatted with friends, and had a chance to meet and greet the sisters as they had their photos taken. Guests valked or took the trolley the Murphy Performance

excited fans. News anchor Carolyn McEnrue enjoyed interviewing Jenna and Barbara about the stories of their childhood and the magical adventures represented in the book. Once again, the audience enjoyed hilarious tales of growing up, and sometimes misbehaving, in the White House. Again, each person took home a copy of Sisters First.











## Fertility Treatments

### AND CANCER

A diagnosis of cancer comes with a thousand questions beginning with: Why me? Why now? What's the cause of this?

To address this important question, we are sharing information from the American Society for Reproductive Medicine and Society for Assisted Reproductive Technologies, which govern fertility treatments in the United States.

### Is There A Link Between Fertility Treatments and Cancer?

There has been a growing concern that the use of fertility drugs could lead to an increased risk of cancer — in particular, breast, ovarian and uterine (including endometrial) cancers. When researching the risks of fertility treatments, it's important to carefully interpret epidemiological studies of women taking fertility drugs. All of these cancers are more common in women with infertility, so merely

Regular preventive check-ups and cancer screenings are especially important for peace of mind and possible early detection.

comparing these women with women in the general population inevitably shows an increased incidence of cancer.

However, when the analysis considers the increased cancer risk due to infertility per se, the evidence does

not support a relationship between fertility drugs and an increased prevalence of breast or ovarian cancer, but a final answer may require decades of follow-up to confirm.

However, an increased chance for "borderline" ovarian tumors has been observed with In Vitro Fertilization (IVF), even when compared to the subfertile population. More research is required to examine what the long-term impact fertility drugs may have on breast and ovarian cancer prevalence rates. For uterine cancer, the numbers are too small to achieve statistical significance, but it is at least possible that the use of fertility drugs may indeed cause some increased risk of uterine cancer.

Dr. Robert Kauffman, M.D. the director of Reproductive Medicine & Infertility in the Department of Obstetrics and Gynecology at Texas Tech University Health Sciences Center School of Medicine added that this question becomes more complicated when a woman is overweight because obesity is a clear risk factor for infertility and a bigger risk factor for developmental cancer.

While scientists continue to research a link between fertility treatments and cancer, women exploring the prospects of fertility treatments will want to read the consent forms thoroughly, share family history information with their physicians and stay up to date with new research. In addition, regular preventive check-ups and cancer screenings are especially important for peace of mind and possible early detection.

### CAMPUS EVENTS

### ABILENE



### DAY OF THE WOMAN

Brain Health is a popular topic. It was addressed by our expert Leanne Young, Ph.D., from the Brain Performance Institute and Center for Brain Health at University of Texas at Dallas. Young's presentation focused on simple and helpful brain tips such as avoiding multi-tasking and taking frequent breaks. She shared stores of recovery from brain injury and PTSD and tips for optimizing thought processing to be more efficient and effective.

### AMARILLO

### GIRLS NIGHT OUT AT WEST TEXAS A&M UNIVERSITY

More than 400 WTAMU freshman women attended this fun and educational program featuring Terry Bentley Hill. The Dallas attorney shared her moving story about personal depression and surviving the suicide of her young daughter. Her talk, "Stop minding your own Business," encouraged everyone to pay attention when their friends are hurting. Campus counselors discussed resources and everyone had fun learning about R.A.D. defense training. Amarillo OB/ GYN Teresa Baker, M.D. did a quick education on the female anatomy and answered questions that most people don't want to ask!



### GIRLPOWER "LET'S FLAMINGLE!"

More than 400 girls and their mothers attended a fabulously fun evening of photos, art, music, activities and inspiration! The West Texas A&M Lady Buff's basketball team shared a few personal stories of achieving success in college on and off the court, signed autographs and took selfies with the girls. Keynote speaker and CAB member Thornhill O.D., shared her deeply personal message of overcoming generational poverty, homelessness and negative counseling as a teen before a coach believed in her and set her on a path to college. From the moment of her first real opportunity, Thornhill worked hard and proved herself by becoming a successful eye doctor, mother and community leader. The "flamazing" evening also featured segments on Internet safety, exercise, crafts and custom nachos.



### GIRLPOWER IN MULESHOE, TX "BLOOM WHERE YOU'RE PLANTED"

Nearly 200 girls and moms flocked to our pilot program making it a huge success. Dr. Teresa Baker, M.D. an OB/GYN in Amarillo, answered the top 10 questions she is asked by her patients. Tweens want to know about skin care, sleep, relationships and their changing bodies. Internet safety expert Eric Spellmann, shared important and sometimes frightening updates about Internet predators and staying safe. He followed with a breakout session, just for the mothers, reminding them to regularly monitor phones, iPads and computers and put them out of reach at night.



### LUNCH & LEARN

Two Knives Catering chef Kristi Aragon and nearly 150 guests kicked off the holiday season with "HoHoHoliday Nutrition!" As the guests learned cooking tips from Aragon, they savored her special dishes and were thrilled to take home the recipes!

### DAY OF THE WOMAN

With keynote speaker Ben Nemtin, Day of the Woman was a special evening of self-reflection. Because of a depressive episode during his youth, Nemtin and three classmates decided to make a "bucket list" with no limits. Over the next few years, they were able to have a beer with Prince Harry, play basketball with President Obama and enjoy many other feats, large and small. Nemtin's challenge to the audience was to consider what makes you happy, what you are curious about or what you want to try before you die, and write it down! From there, your odds of accomplishment improve. He was preceded by Dr. Amy Stark, M.D. who provided an update on the TTUHSC's Department of Psychiatry's Transcranial Magnetic Stimulation (TMS) machine that has been remarkably effective for most depressed patients.



#### DAY OF THE WOMAN

The fifth annual educational meeting hosted 300 guests who enjoyed the hospitality of Texas A&M University (TAMU) Corpus Christi. The topic of Having a Healthier Brain was addressed by Leanne Young, Ph.D. of the UTD Brain Performance Institute, Amy Stark, M.D. of the TTUHSC Psychiatry Department and Tim Tate, a licensed professional counselor in Corpus Christi. Guests enjoyed great food, presentations and a panel discussion on brain health and Mental Health First Aid. The team answered dozens of questions and 100% of the attendees said they would attend again.

### JAVALINA'S NIGHT OUT AT TAMU KINGSVILLE

Terry Bentley Hill was the speaker at Texas A&M University Kingsville. The Dallas attorney described the way her late husband's college drinking became a serious alcohol addiction that ruined their family and took his life. Bentley Hill shared her personal struggle with depression that will require medication and counseling for many years. Prior to the presentation, she visited with the TAMU counselors so they would be prepared to talk to the students who wanted to reach out for help. Over 200 women felt the impact of this story of survival and hope.

### LUBBOCK

### THE 8TH ANNUAL GENDER SPECIFIC MEDICINE AND WOMEN'S HEALTH SYMPOSIUM

Annabelle S. Volgman, M.D., the acclaimed physician, professor and medical director of the Heart Centre for Women at Rush University Medical Centre in Chicago is also called a cardiologist to the stars. Dr. Volgman was featured in "O, The Oprah Magazine" after counseling Oprah on preventing cardiovascular disease (CVD). Dr. Volgman discussed CVD in women, silent atrial fibrillation and under-diagnosed risk factors for stroke. The topic of "Sex and Gender in Exercise and Osteoporosis" was addressed by Mimi Zumwalt, M.D. and a ZOOM presentation by Gary Sutkin, M.D. was very informative on the touchy subject of "Surgery and Human Error." Four researchers were honored for their outstanding posters in Clinical and Translational Research and received awards from TTUHSC Interim President Lori Rice-Spearman, Ph.D.



#### WOMEN'S NIGHT AT THE REC

Laura W. Bush Institute for Women's Health cosponsored this year's Women's Night at the Rec at Texas Tech University Student Recreation Center. The goal of the event was to educate and empower women on issues surrounding mental health, physical health, nutrition and self-care. This free event was open to the Texas Tech community featured health workshops, exercise classes, pool yoga, climbing and bouldering, nutrition & exercise tips, food and prizes. Girls and women felt welcomed and got a great workout in without a guy in sight!



### PERMIAN BASIN

#### STOP MINDING YOUR OWN BUSINESS

The Midland Executive Women's Club invited the institute to provide a speaker for their October meeting. Terry Bentley Hill gave a powerful and personal message as she asked the women to "Stop Minding Your Own Business." Bentley Hill described hiding her husband's alcohol problem to protect his career, coping with his death by suicide, her depression

and resistance to medication and the tragic loss of her youngest daughter. Her powerful honesty struck a chord and several of the women decided to work together to remove the stigma of such problems and help their community cope more effectively.

### SAN ANGELO



### GIRL'S NIGHT OUT

With over 600 Angelo State University (ASU) students, faculty and volunteers, this year's event was one for the books! The keynote speaker, Hanna Seymour, who has mentored over 1,000 college women during her 10 years working in higher education. She compiled her 52 most asked questions into a book, "The College Girl's Survival Guide." Seymour was happy to answer audience questions about how to make college more fun and meaningful. Speaker Jordan Lee Dooley, an internet-famous blogger and author of "Own Your Everyday," spoke about pausing to choose purpose over the pressure to prove yourself. Both speakers motivated women to find joy and contentment in everyday life while still pursuing their big dreams. The evening ended with self-defense tips from Officer Mary Wilson, who shared skills to stay safe, protect yourself and make good personal choices.

#### GIRL POWER

"You Mermaid for This," entertained more than 400 girls and moms. Speaker Julie Vann, a licensed counselor, spoke in an interactive manner encouraging the girls to share some of the issues they were facing in their daily lives and coaching them through a healthy thought process. Her presentation was so popular, the mothers requested an extra session to talk privately about more serious topics effecting their daughters. Local physicians and Medical Advisory Board members Genevieve Mejia, M.D. and Penni Cambre, M.D. hosted a breakout session for the moms, which included topics like menstrual health and preventative vaccinations. A breakout session for the girls featuring local physics professor Trey Holik, included amazing science experiments and STEM related demonstrations. Miss Texas Chandler Foreman, was a hit as she talked about positive body image, having confidence in yourself and staying true to who you are.



### DIA DE LA MUJER

This luncheon event at ASU allows Spanish-speaking women to receive access to healthcare resources in their primary language. The event began with a health fair style registration, where guests spoke to representatives from 12 local health resources. Several of San Angelo Community Medical Center's physicians, including a cardiologist and an OB/GYN, populated the "Ask a Doc" table. With more than 100 people in attendance, keynote speaker Janet Tornelli-Mitchell, M.D., spoke on the importance of healthy living habits and simple ways to prevent heart disease in women. To continue the theme, chef Marc Daniels translated for Cardiologist Dr. Blanc of San Angelo Community Medical Center as they prepared heart healthy recipes. Rosa Monsivais, Community Health facilitator for the institute's Mammogram Program, hosted a breast cancer survivor panel featuring women in all stages of breast cancer treatment and remission. The event's entertainment was provided by the Lakeview High School Mariachi band.

#### GUY'S NIGHT OUT

Featured guest speakers Jody Holland and Damon West, provided an opportunity for the 550 men in attendance to learn to set healthy boundaries, strong goals and make good personal choices. In Holland's interactive presentation on human connection, he shared tips on communication and relationships and their importance in a college environment. His advice on reading body language and facial expressions could provide early warning against troublemakers. Damon West, once a quarterback at the University of North Texas, shared his tragic story about a football injury that led to his addiction to pain medications. To feed his habit, he committed thefts relating to property crimes and served time in prison. West spoke to students about how easy it is to become discouraged and fall down the slippery slope to drugs and bad decisions; but closed with great advice about how to avoid it all together.

#### EAT WITH THE EXPERTS

"Art of the Heart" was a hit just before Valentine's Day as the institute partnered with cardiologists from San Angelo Community Medical Center, Michael Blanc, M.D. and Jack Sun, D.O. The creative and casual setting allowed guest to learn about prevention and treatment of cardiovascular disease and ask questions informally while painting their canvas. It was a stress-free evening and everyone went home with knowledge and a work of art.







## Infant Risk

CENTER

The Infant RiskCenter is the world's leading research center for medication safety during pregnancy and lactation. The website has over one million visits each year with women from every country in the world seeking advice. Their MommyMeds app continues to be a staple on the phone of expectant moms, and some dads, too. Since 2013, Dr. Hale and Dr. Baker have published more than 25 new drug studies.

In recognition of this outstanding record, the Texas Tech Health Sciences Center has named the InfantRisk Center a Center of Excellence. With this honor comes added resources and visibility.

Congratulations to Dr. Tom Hale and Dr. Teresa Baker,
CO-DIRECTORS OF THE INFANTRISK CENTER!



WEST TEXAS 3-D COVID-19 RELIEF CONSORTIUM

TTUHSC serves many communities across west Texas. The pandemic impacted each of our regions and as the leadership team worked to anticipate the needs of the clinics and hospitals, it was clear that resources were scarce.

Associate Dean for Academic Affairs Dr. Simon Williams, was asked to work with colleagues from the Texas Tech University School of Engineering and others to find solutions. Within a week, the creative team realized the potential for 3-D printing items that were in short supply such as face shields, intubation chambers, ventilator components and aerosol hoods. The new West Texas 3-D COVID-19 Relief Consortium was founded and immediately requested funding for plastic and other materials needed to do life-saving work. Samples were made, FDA specifications were reviewed, and soon thousands of products were being produced.

The Laura W. Bush Institute for Women's Health was among the first to provide resources for raw materials and distribution of thousands of high-quality plastic products that hospitals needed. We are grateful for the leadership of Williams, the deans, professors, students and volunteers who worked tirelessly in this effort. By protecting healthcare workers and first responders, they limited the spread of the disease and saved lives.



www.wt3dreliefconsortium.com



DR. JENKIN'S LEADING VESPER™ DEVICE TEAM

Last fall, Marjorie Jenkins, M.D., founder and former Chief Science Officer for the Laura W. Bush Institute for Women's Health, assumed the role of chief academic officer for Prisma Health-Upstate and dean of the University of South Carolina School of Medicine in Greenville, South Carolina.

As the COVID-19 pandemic threatened the lives of thousands of people around the world, Jenkins led a team of innovative scientists determined to help. The extreme shortage of ventilators in the emergency departments prompted the team to build a unique ventilator expansion device that allows a single ventilator to support up to four patients during times of acute equipment shortages.

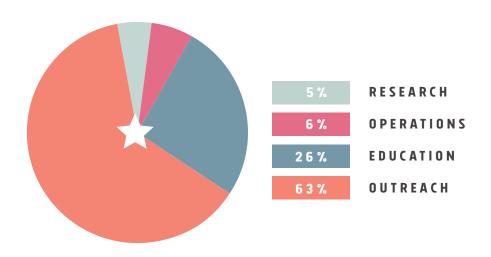
During the conception phase, Jenkins worked collaboratively with her husband, a software engineer and with a Prisma Health pulmonary critical care physician. This team developed specifications for a "Y" splitter tubing that would meet international quality standards (ISO), be easily produced, allow for appropriate filtering of bacteria and viruses in the ventilator tubing, be strong and impact resistant, and would not affect the care of other patients connected to the same machine.

The VESper<sup>™</sup> device can be lifesaving when the number of critically ill patients requiring breathing support is greater than the number of available ventilators.

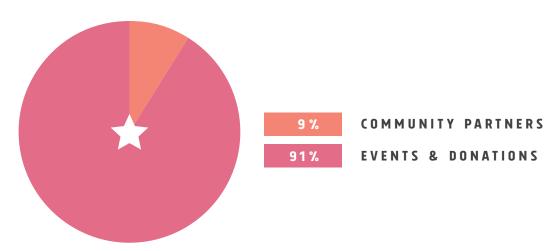
Jenkin's prior four years of experience working in the FDA Office of Women's Health provided valuable insight. On March 25, 2020 Prism Health announced that it received emergency use authorization from the U.S. Food and Drug Administration (FDA) for VESper™. Produced using 3D printing technology, the device is developed with material already in use for medical devices and produced at minimal cost.

### FINANCIALS

### FISCAL YEAR 2019 EXPENSES



### FISCAL YEAR 2019 REVENUE





### OF THE LAURA W. BUSH INSTITUTE FOR WOMEN'S HEALTH

### We are pleased to recognize and thank donors who made gifts during Fiscal Year 2019

#### VISIONARY

\$100,000 AND ABOVE

Hendrick Health System

San Angelo Community Medical Center

UNDERWRITER

\$50,000-\$99,999

San Angelo Area Foundation

PARTNER

\$25,000 - \$49,999

James B. & Lois R. Archer Charitable Fund

Mr. and Mrs. Devin Bates

Mr. and Mrs. Randy Brooks

H.EB. Grocrey Company, L.P.

Marshall Verne Ross Foundation

Mrs. Margaret Purvis

San Angelo Performing Arts Center

Scovell Family Fund

Mr. and Mrs. Steve Stephens

Mr. and Mrs. Richard Strauss

**SUSTAINER** 

\$10,000-\$24,999

Amarillo National Bank

AT&T, Inc.

Mr. and Mrs. Billy Bryant

Berry R. Cox Family Foundation

Mr. and Mrs. Berry R. Cox

Mr. and Mrs. Stephen T. Dalrymple

Devary Durrill Foundation

Mrs. Frances D. Gates

Mrs. Gloria Hicks

High Plains Christian Ministries Foundation

The Hillcrest Foundation

The John G. and Marie Stella Kenedy

Memorial Foundation

Josephine Anderson Charitable Trust

Dr. Kent Roberts & Ilene Roberts Balliett

Foundation

L&F Distributors

Mr. Timothy R. Lange

National Philanthropic Trust - Tolleson Wealth

Navy Army Community Credit Union

Mr. and Mrs. Robert Murchison

PlainsCapital Bank - Dallas

Ms. Catherine Tobin

Mr. and Mrs. Kenny A. Troutt

United Supermarkets, LLC

Mr. and Mrs. Carl B. Webb, II

Mr. and Mrs. Alan White

BENEFACTOR

\$5,000-\$9,999

Abilene Christian University

Mr. and Mrs. Barry G. Andrews

Ms. Vicki Arthur

ASCO Foundation

ASCO, Inc.

Mr. Gary Barnes

Batjer & Associates, Inc.

Mr. Tom Carlisle

Corpus Christi Produce Company, Inc.

Crockett National Bank

Cryogenics Research & Development

Norman Dozier, M.D.

Frost Bank

Mr. and Mrs. Dos Gates

Goodtimes Ranch

Happy State Bank and Trust Company

Kleberg Bank

Greg Knopp, CPA

Linebarger Goggan Blair & Sampson, LLP

McCammon Oil & Gas, Inc.

Mr. and Mrs. Lawrence Oeschger

PlainsCapital Bank

Dr. and Mrs. J. Avery Rush, III

Dr. and Mrs. Constantine K. Saadeh

Street Toyota

Stribling Funding Corporation

Mr. and Mrs. Joe Street

The Bank and Trust, S.S.B.

The Sidwell Foundation

Mr. and Mrs. Larry Urban

Vishal Raju Bhagat Foundation

Whataburger, Inc.

#### **INVESTOR**

\$2,500-\$4,999

1st Community Federal Credit Union

Amarillo Area Foundation American Electric Power

Mr. and Mrs. Randy Andrews

Ms. Martha Avery Ms. Julie Buckley

Budget Blinds of San Angelo

Ms. Lisa Chavez

Concho Valley OB/GYN, PA

Mr. and Mrs. William F. Countiss
Mr. and Mrs. Al P. Cunningham

 $FirstBank\ Southwest$ 

FirstCapital Bank of Texas

FriendSonora Bank

Gandy Ink

LTC and Mrs. Lawrence E. Gill

GRACO Real Estate Development, Inc.

H.E.B. Food Stores

J. F. Charitable Endowment, Inc.

Johnson & Sheldon, PLLC

Mrs. Jane F. Juett

Legacy West Investment Services, Inc.

Mariner Wealth Advisors

Mays Foundation

Ms. Claire L. O'Neal

Ms. Helen Piehl

Randall Ross Consulting

Ms. Linda Ray

Richardson Dairy Queen

Mr. and Mrs. Terry A. Sheldon

Mrs. Lori Shrider-Elmer

Sonora Bank - The First National Bank of Sonora

Suddenlink Communications
Susser Family Foundation
Texas Oncology, P.A.
Texas State Aquarium
Texas State Bank
The Cactus Hotel

The Waite & Genevieve Phillips Foundation

Dr. Sara K. Trammell and Dr. Talmadge Trammell

The United Family

Triangle Realty, LLC

Twin Mountain Fence

UHS of Delaware, Inc.

University Medical Center Foundation

USS Lexington

Mr. and Mrs. Stuart B. West

Mr. and Mrs. Michael L. Williams

West Family Fund | Mr. Stuart B. and

Mrs. Chancy L. West

FRIEND

\$1,000-\$2,499

All American Chevrolet, Inc.

All American Chrysler Jeep Dodge of San Angelo

Amarillo Bone & Joint Clinic, P.A.

Amarillo Economic Development Corporation

Amarillo Vision Specialists, P. A.

Anodyne, Inc.
Anonymous

Mrs. Kristen Atkins

Atmos Energy Corporation

Baptist St. Anthony's Health System

Mrs. Tina Bean

Bella Luna Aesthetic Center, LLC

Bell Helicopter Textron, Inc.

Mrs. Gay Beitscher

Mr. and Mrs. Tommy Bezner
Mr. and Mrs. Frank J. Bezner, Jr.

Ms. Wendy Cain Ms. Tiffany Carter

Mr. and Mrs. Terry W. Caviness

Chilton Wilcox & Fortenberry

Club Pilates

Cindy Moves Amarillo, LLC

Citizens Bank

Concho Valley Dart Association Mr. and Mrs. Terry J. Crofoot Drs. David and Dinah Cummings

Fidelity Charitable First Financial Bank First United Bank

Mr. and Mrs. Terry E. Fuller

Gene and Louise Rahll Foundation, Inc.

Mr. and Mrs. Bill Gilliland

Graham Brothers Jewelers, LLP

Ms. Cynthia J. Barela Graham

Mr. Perry Graham

Ms. Madeline K. Hettinga

Mr. David Hirschfeld

Mr. and Mrs. Jerry H. Hodge

Jeffrey Dean Lackey Trust

Mrs. Karen Jenike

Dr. Betsy G. Jones and The Honorable

Robert L. Jones

Mr. Ricky Jordan

Mr. and Mrs. Ken Kelley

Ken Kelley Family Foundation

Mr. and Mrs. Bob Knight

Mr. and Mrs. Billy M. Krause

Mr. and Mrs. John Kritser

Mrs. Lorene Lacer

Lake View Volleyball Team

Lawyers Title of Amarillo

Mr. Lad Linthicum

Livestock Weekly

Mrs. Ann Manning

Mr. Nevill Manning

Mr. John H. Marmaduke

Mr. Richard Mayer

Mitchell Toyota

Mr. and Mrs. Stephen W. Myers

Dr. and Mrs. Thomas F. Neal

Mrs. Ainsley W. Nelson

Northwest Texas Healthcare System

Mrs. Lori L. Owens

PAC Production Company

Parliament Haus, LLC

Ms. Beth Pharo

Purpose & Passion Boutique Mr. and Mrs. George Raffkind

Mr. and Mrs. Gene F. Rahll

Reed Beverage

Mr. and Mrs. Rick Hunnicutt
Mr. and Mrs. Don Riffe

Mr. and Mrs. Michael C. Robertson

Ms. Janice Rogers

Mr. and Mrs. Steven Rogers
San Angelo Area Foundation

Sendero Drilling Company, LLC

Shannon Medical Center

Mr. Harold Shelburne

Mr. and Mrs. John R. Skaggs

Southwestern Livestock Mineral

St. Mary's Deaf Ministry

Mr. and Mrs. Michael P. Terk

Texas State Bank

The Bank and Trust, S.S.B.

Dr. Shauna M. Thornhill and Mr.

Patrick W. Thornhill

TLC Academy

Tom Thorp Transports, Inc.

Toot'n Totum Food Stores, LLC

Mrs. Sheila Uherik

Underwood Law Firm, P. C.

United Way of Abilene

Dr. and Mrs. Joji J. Varghese

Mrs. Debbie Weatherford

Mrs. Nancy Weiss

Wells Fargo Bank

Dr. and Mrs. Walter V. Wendler, Jr.

Western Builders of Amarillo, Inc.

Mr. and Mrs. Perry Williams

Yellowhouse Machinery Co.

### ASSOCIATE

#### \$500-\$999

Amazing Grace Life

Ms. Laura L. Bennett

Et Cetera

Ethicon Inc.

Mr. Richard Evans

Mrs. Debra Farr

Mrs. Tami Galloway

The Honorable and Mrs. Mark J. Hocker

Mr. and Mrs. Miles M. Hornak

Mr. and Mrs. John T. Huffaker

Mr. and Mrs. Steve W. Locke

Mary E. Bivins Foundation

Dr. Leslie Mayrand

Dr. and Mrs. Scott C. Porter

Mrs. Shirley T. Reed

Mr. and Mrs. J. Pat Richmond

Ms. Jeannie Standard

Mr. Ricky D. Wilson

Ms. Marylee Wittenburg

#### SUPPORTER

#### \$100-\$499

A-Town Cleaners, LP

Mrs. Liz Albert

Mrs. Sharon Alexander

Mrs. Barbara Alford-Archer

Mrs. Janis Amacker

Ms. Martha Anderson

Anonymous Donors

Dr. Teresa E. Baker

Ms. Kathy Balch

Ms. Betty Bartula

Mrs. Tammie L. Bayouth

Mrs. Helen Bean

Mrs. Rachel Bean

Ms. Karen Bebee

Mr. Oran Berry

Ms. Lynn Biggers

Dr. Michael Blanc

Dr. Linda Bond

Mrs. Colbey Bunger

Mr. and Mrs. Pat Campbell

Mrs. Kelsey P. Caprio

Ms. Patrizia Caroselli

Mrs. Linda Carpenter

Mr. and Mrs. Elmo M. Cavin, Jr.

Dr. and Mrs. Charles L. Cecil, IV

Mrs. Kimberly Childress

Mr. and Mrs. Mark A. Colman

Mr. and Mrs. D. Breck Colquett

Dr. and Mrs. H. David Cook

Mrs. Jill Crawford

Ms. Sandra Crotwell

Mrs. Kayla Davidson

Mr. and Mrs. Gregory Z. Dennis

Mr. Drew Dozier

Mr. and Mrs. Ralph Duke

Dr. and Mrs. Steve Faehnle

Ms. Martha M. Ferguson

Mr. and Mrs. Douglas L. Fields

Mr. and Mrs. Ronald A. Fogle

Mrs. Julie R. Folwell

Ms. Lila Foree

Mrs. Dawn Foster

Mr. and Mrs. James B. Francis, Jr.

Mr. and Mrs. Gary B. Fuller

Mr. and Mrs. Bryan E. Garner

Mr. and Mrs. Brandon M. Goetz

Mr. and Mrs. Randy L. Golden

Mr. and Mrs. Micah Greathouse

Mr. and Mrs. Gary Greenstreet

Dr. and Mrs. Thomas W. Hale

Mrs. Becky B. Hammonds

Mrs. Laura Harkey

Mrs. Jeannine Henderson

Dr. and Mrs. C. Brian Herring

Mrs. Miranda Houser

Ms. Michelle Hunt

Mrs. Sara Ingram

Mrs. Kacci Jacoby

Jamie Rogl Photography, LLC

Ms. Jan Johnson

Ms. Patty M. Jones

Julie Fuller Design, Inc.

Mrs. Alice Kiser

Mr. and Mrs. Stan Lambert

Mr. and Mrs. Jeffery L. Lansdell

Ms. Jo- Ann Larimore

Mr. and Mrs. Patrick CR Lewis

Livestock Weekly

Mr. and Mrs. Kenneth O. Long, Jr.

Dr. and Mrs. Stephen R. Lowry

Mr. David Lupton

Mr. Joshua MacDiarmid

Mrs. Suzan Makins

Ms. Susie Malone

Ms. Natalia Marcenko

Ms. Peggy Martin

Mr. and Mrs. Ben McAnally

Ms. Rhonda McCambell

Mr. and Mrs. Brad McCoy

Dr. Dale McDonald

Ms. Tracy Menard

Ms. Madolyn Mertz

### The Laura w. bush institute for women's health

Ms. Kim Miers

Mr. and Mrs. Aaron R. Miller

Ms. Judy B. Miller

Ms. Susan L. Montgomery

Motel 6

Mr. James Blake C. Norvell

Ms. Judy Osborn Mrs. Erica Pizzola

Ms. Alma M. Pohler

Mr. and Mrs. Harry C. Reaugh

Mr. and Mrs. David Reed

Dr. and Mrs. Joshua B. Reed

Dr. Lane Reed and Mr. Brian C. Jensen

Mr. and Mrs. Trevor D. Rees-Jones

RE/MAX of Abilene Ms. Katie H. Roller

Mr. and Mrs. E. Dean Roper

Mr. and Mrs. John Saringer

Dr. and Mrs. Dean Schultz, Jr.

Mr. and Mrs. Chad V. Seely

Mrs. LaQueta Shelburne

Ms. Amber Shugrue

Mrs. Kay Smith

Mrs. Sherry Smith

Mr. Mark Stevenson

Mr. and Mrs. Walter H. Stewart

Mrs. Vicki Stokes

Mrs. Brenda Stone

Ms. Carmen Sutton

Mrs. Cynthia Tankersley-McCammon

The Secret Vineyard Day Spa

Mr. and Mrs. C. David Thetford

Mrs. Jackie Thompson

Ms. Heather Tidmore

Dr. and Mrs. R. Gerald Turner

Twisted Root Burger Co.

Mr. and Mrs. Phil Tyne

Mr. and Mrs. Gary L. Vannoy

Mrs. Laura Vosburg

Dr. and Mrs. Paul Watts

Mrs. Ann West

Dr. Kitty S. Harris and Mr. Morris E. Wilkes

Mrs. Belinda Wilkins

Ms. Marsha L. Williams

Mrs. Sandra Williams

Ms. Stephanie Williams

Mr. Charles Wittenburg

Dr. and Mrs. James T. Wolfe

Dr. and Mrs. George A. Woodward



THE LAURA W. BUSH INSTITUTE FOR WOMEN'S HEALTH IS
ACTIVE IN COMMUNITIES ACROSS TEXAS, EMPOWERING
WOMEN THROUGH HEALTH SYMPOSIUMS THAT ENLIGHTEN
AND INSPIRE THEM TO EXPECT NOTHING LESS THAN
PERSONALIZED MEDICINE BECAUSE HEALTH SHOULD BE
INDIVIDUALLY INSPIRED.

# INSTITUTE for WOMEN'S HEALTH TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER

