

Rose M. Z. Gowen, M.D.

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Education

1977	St. Joseph Academy Brownsville, Texas	Valedictorian
1980	University of Houston Houston, Texas	Bachelor of Science Magna Cum Laude
1984	University of Texas Southwestern Medical School Dallas, Texas	Doctor of Medicine
1988	St. Louis University Dept. of Ob-Gyn St. Louis, Missouri	Internship and Residency

Employment

2007 - present	UT Health Science Center Houston School of Public Health, Brownsville Regional Campus Faculty Associate, Division of Epidemiology
2009 - 2021	Su Clinica Director of Women's Health Brownsville, Texas
2005 - 2008	UTB Department of Biomedical Sciences - Biology Instructor, Part Time
2009 - 2018	UTHSCSA Adjunct Professor
2018 - 2020	UTRGV School of Medicine Instructor

1994 - 2009	Rose M.Z. Gowen, M.D. P.A. Physician, Obstetrician & Gynecologist Brownsville, Texas
1989 - 1994	Boedeker and Associates Physician, Obstetrician & Gynecologist St. Louis, Missouri
1989 - 1994	St. Louis University Department of Ob-Gyn Volunteer faculty, Daily rounding and teaching of students and residents, 3rd year med school course lectures
1988 - 1989	St. Louis University Department of Ob-Gyn Faculty Instructor Antenatal Testing Unit - supervision & reading of ultrasounds, NST, amniocentesis on L & D as well as on Unit

Community Experience

2019 - present	Greater Brownsville Improvement Corporation Board Member and Treasurer Brownsville, Texas
2016 - present	Rails to Trails Conservancy Board of Directors Washington, DC
2010 - present	Brownsville in Motion Bicycle Advocacy Group Member and Founder Brownsville, Texas
2010 - present	Community Advisory Board (CAB) Leadership Team Rio Grande Valley, Texas
2009 - present	City Commissioner at Large "B" Brownsville, Texas
2010 - 2014	Brownsville Community Improvement Corporation Board Member and Chair
2008 - 2009	Brownsville Farmers' Market Board Chair Brownsville, Texas
2005 - 2006	Valley Baptist Medical Center Brownsville Department of Ob-Gyn, Chair

2007 - 2014 Valley Baptist Medical Center Brownsville
IRB, Chair

2000 - 2004 St. Joseph Academy Athletic Booster Club
Brownsville, Texas

Honors and Awards

2014 Great Texas Trail Boss Award
Texas Trails Network

UTHSCSA
Most Promising Teacher

UTHSCSA
Ob-Gyn Teacher of the Year

2014 Robert Wood Johnson Foundation Culture of Health
Planning Team

2009 Zonta Club, Brownsville
Woman of the Year

Funding

Active

NIMHD/UTRGV
5R01DK127084-02 0.30 CM
Guitierrez (PI); Role: Co-investigator
Pharmacogenetics of the Response to GLP-1 in Mexican-Americans with Prediabetes
07/09/2021 – 4/30/2026
\$1,400,136.00

NIH/NCATS 1.20 CM
51UL1TR003167-04
McPherson (PI); Role: Co-investigator
Center for Clinical and Translational Sciences (CCTS)
CTSA-HUB Research Capacity Core
The goal of the CCTS is to facilitate clinical and translational research at UTHealth
07/01/2019 – 06/30/2024
\$441,857.00

DSRIP PROJECT 0.60 CM
U of TX HSC San Antonio
McCormick (PI); Role: Co-investigator
Expanded Medical Home, Expand Patient Navigation, Chronic Care Management Lower Valley,
Evidence-Based Health Promotion Program
09/01/2020 – 09/30/2023
\$8,686,586

CPRIT

PP190014 0.90 CM

Schmeler (PI); Role: Co-Investigator

Expansion of cervical cancer prevention services to medically underserved populations through patient outreach, navigation & provider training/telementoring

03/01/2019 – 11/30/2022

\$288,467

Completed

NIH / NCATS

5UL1TR000371-10

Center for Clinical and Translational Sciences

06/27/2012 – 05/31/2018

\$2,182,513.00

NCATS/NIH/DHH 0.60 CM

3UL1TR003167-02S1

McPherson (PI); Role: Co-investigator

Center for Clinical and Translational Sciences-CCTS-RADx-UP

09/01/2020-06/30/2022

\$4,998,788

Publications

1. Parra SG, Rodriguez AM, Cherry KD, Schwarz RA, **Gowen RM**, Guerra LB, Milbourne AM, Toscano PA, Fisher-Hoch SP, Schmeler KM, Richards-Kortum RR. Low-cost, high-resolution imaging for detecting cervical precancer in medically-underserved areas of Texas. *Gynecol Oncol*. 2019 Sep;154(3):558-564. doi: 10.1016/j.ygyno.2019.06.024. Epub 2019 Jul 6. PMID: 31288949; PMCID: PMC6941476.
2. Salazar-Collier CL, Reininger B, **Gowen R**, Rodriguez A, Wilkinson A. Evaluation of Event Physical Activity Engagement at an Open Streets Initiative Within a Texas-Mexico Border Town. *J Phys Act Health*. 2018 Aug 1;15(8):605-612. doi: 10.1123/jpah.2017-0112. Epub 2018 May 9. PMID: 29741429.
3. Lopez MS, Baker ES, Milbourne AM, **Gowen RM**, Rodriguez AM, Lorenzoni C, Mwaba C, Msadabwe SC, Tavares JH, Fontes-Cintra G, Zucca-Matthes G, Callegaro-Filho D, Ramos-Martin D, Thiago de Carvalho I, Coelho R, Marques RM, Chulam T, Pontremoli-Salcedo M, Nozar F, Fiol V, Maza M, Arora S, Hawk ET, Schmeler KM. Project ECHO: A Telementoring Program for Cervical Cancer Prevention and Treatment in Low-Resource Settings. *J Glob Oncol*. 2016 Oct 5;3(5):658-665. doi: 10.1200/JGO.2016.005504. PMID: 29094102; PMCID: PMC5646881.
4. Reininger, B. M., Mitchell-Bennett, L., Lee, M., **Gowen, R. Z.**, Barroso, C. S., Gay, J. L., & Saldana, M. V. (2015). Tu Salud,¡ Si Cuenta!: Exposure to a community-wide campaign and its associations with physical activity and fruit and vegetable consumption among individuals of Mexican descent. *Social Science & Medicine*, 143, 98-106.

5. Refuerzo JS, **Gowen R**, Pedroza C, Hutchinson M, Blackwell SC, Ramin S. A pilot randomized, controlled trial of metformin versus insulin in women with type 2 diabetes mellitus during pregnancy. *Am J Perinatol*. 2015 Feb;30(2):163-70. doi: 10.1055/s-0034-1378144. Epub 2014 Jun 4. PMID: 24896141.
6. Sexton K., Salinas J.J., McDonald T.J., **Gowen R.M.** Miller R.P., McCormick J.B. Fisher- Hoch S.P. 2014. Biomarker measurements of prenatal exposure to polychlorinated biphenyls (PCB) in umbilical cord blood from postpartum Hispanic women in Brownsville, Texas. *J.Toxicol.EnvIRON.Health A*: 76;22;1225-1235
7. Sexton,K.; Salinas,J.J.; McDonald,T.J.; **Gowen,R.M.**; Miller,R.P.; McCormick,J.B.; Fisher- Hoch,S.P. Biomarkers of maternal and fetal exposure to organochlorine pesticides measured in pregnant Hispanic women from Brownsville, Texas. 2013. *Int.J.EnvIRON.Res.Public Health* 10(1);237-248.
8. Sexton K, Salinas JJ, McDonald TJ, **Gowen RM**, Miller RP, McCormick JB, Fisher-Hoch SP. Polycyclic aromatic hydrocarbons in maternal and umbilical cord blood from pregnant Hispanic women living in Brownsville, Texas. (2011) *Int J Environ Res Public Health*. Aug;8(8):3365-79. Epub 2011 Aug 17.

Selected Published Abstracts

1. Funk, M., Lee, M., **Gowen, R.**, Rodriguez, A., & Reininger, B. (2015, May). Longitudinal re- sults of a Community-Based Weight Loss Challenge in South Texas. The American College of Sports Medicine – Annual Meeting. San Diego, CA *Medicine & Science in Sports & Exercise*: May 2015 - Volume 47 - Issue 5S - p 388–404 doi: 10.1249/01.mss.0000466062.73312.25

Personal Interests

Cycling
Sewing & Quilting Reading
Travel