

Biomedical Research Training at Texas State

Preparing Bobcats for doctoral programs in the biomedical sciences

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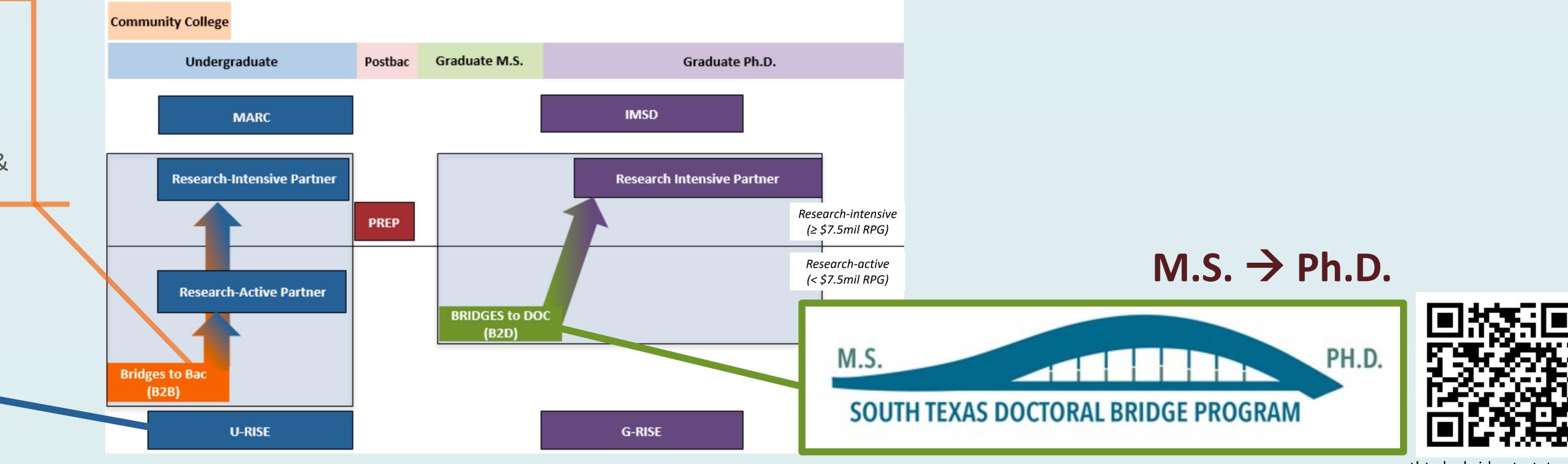


Bridges to the Baccalaureate, 1999–2003 Southwest Texas State & Alamo Community College (PI: Dana García)

Bridges to Biomedicine, 2013 – 2015 Texas State University, San Antonio College, & Northwest Vista College (PI: Ron Walter)







NIH – NIGMS Institutional Research Training Programs

southtxdocbridge.txstate.edu

urise.wp.txstate.edu **Texas State U-RISE**

> 2021 – 2026 (PI: Karen A. Lewis)

South Texas Doctoral Bridge Program 2013 – 2023

Texas State University & UT Health San Antonio (TxSt PI: Steve Whitten, formerly Ron Walter)

Multi-Year, Integrated Training Programs



2022 – 2023 TxSt Biomedical Research Scholars



10 U-RISE trainees over 2 years

> 25 PhD interview invitations

Class of 2022: 100% PhD acceptance

rate; 75% offered additional scholarships





STDBP Scholars

Alexandra Vernaza

Outcomes and Impact

Increased Workforce Diversity

U-RISE

- Scholars: 100% URM, 58% first-gen, 58% women
- 5 majors represented across 2 colleges

STDBP

- Scholars: 100% URM
- URM in Chem/Biochem M.S. nearly doubled from 2012 to 2020 (28% to 44%)



36 STDBP trainees over 10 years

- 5 in progress
- 24 completed
- 21 pursued PhD (4 now postdocs)

Texas State Research Culture

Fellowships = productivity

- 37 peer-reviewed publications
- > 100 conference presentations
- Support faculty research grants

National recognition

- 3 NIH F31 awards
- 2 NSF GRFP applications

Promote institutional success

- Reduced time to MS graduation by 10%
- Increased MS graduation rate to >80%

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