

Robert E. Salazar, MS, RDN, LDN

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EDUCATION

The University of Texas-Rio Grande Valley (UTRGV), Edinburg, TX

- Masters of Science in Health Science-Concentration in *Nutrition*
Graduation Date: August 2017

The University of Texas-Pan American (UTPA), Edinburg, TX

- Bachelors of Science in Dietetics
Graduation Date: May 2015

LICENSURE/CERTIFICATION

Registered Dietitian Nutritionist (RDN):

Spring 2017-Present

- Registration ID Number: 86049695
- License Number: DT84886

WORK EXPERIENCE

Supervisor/RDN, Hidalgo County-WIC Program:

Fall 2017-Present

- Supervisor and RDN of the Edinburg WIC Clinic

Online Lecturer, UTRGV:

Fall 2019-Present

- Educate and deliver online nutrition-related courses.

Writer, Prime Nutrition and Redcon1:

Summer 2017-Fall 2017

- Wrote about nutrition and supplementation

Research Assistant, UTRGV:

Fall 2013 – Spring 2017

- Participated in research in a lab environment on the therapeutic roles of alternative medicine and supplementation

TEACHING

Courses Taught, UTRGV:

Fall 2019-Present

- Intro to Clinical Nutrition
- Nutrition & Health
- Community Nutrition

PRESENTATIONS

UTRGV Student Interviews:

Spring 2021 and Fall 2022

- Topic The Pros and Cons of Popular Diets and Their Effects on Aerobic and Anaerobic Performance

Interprofessional Education

- Introduction to Healthcare Profession Programs in the COHP at UTRGV

Spring 2021

ACTIVITIES

Academy of Nutrition in Dietetics Member:

Spring 2017- Present

- Pediatric Nutrition (PNPG)
- Public Health/Community Nutrition (PHCNPG)

Acquire Texas WIC Agent:

Spring 2021-Present

Hidalgo County WIC Program

- Assist WIC Participants in obtaining WIC services via online video or chat

Quality Assurance Committee member:

Spring 2018-Present

Hidalgo County WIC Program

- Assist in Quality Assurance Reviews for Local Agency 012 in Texas.

Ideas42 Participant for the Texas WIC Program:

Fall 2018-Spring 2020

Hidalgo County WIC Program

- Implemented strategies based on behavioral science to WIC participants.

CONTINUING PROFESSIONAL EDUCATION

Texas WIC 2019 Nutrition And Breastfeeding Conference

Summer 2019

- Participated in an evidence-based nutrition and breastfeeding conference.

UTRGV

Summer 2017

- Courses: Nutrition Throughout the Life Cycle and Prevention and Treatment of Obesity

RESEARCH EXPERIENCE

Health and Biomedical Science Department at UTRGV, Dr. Banu:

Fall 2015-Spring 2017

- Graduate Research Assistant-MicroXCT-200 XRADIA bone analysis on the bone-protective properties of *Cissus quadrangularis* on ovariectomized rats with/without Parathyroid hormone injections
- Received Graduate Student Travel Award to present “Inhibition of bone metastasis by fish oil, *thymoquinone*, and *xanthone*” poster at Experimental Biology, San Diego, CA
- Research Assistant-MicroXCT-200 XRADIA bone analysis on the bone-protective properties of fish oils, *thymoquinone*, and *xanthon*es on athymic mice injected with MDA-MB-231 breast cancer cells
- Cell Culture research on MC3T3-E1 Subclone 4 cells and *Cissus quadrangularis*.
- Research co-mentor to Howard Hughes Medical Institute (HHMI) High School students enrolled in a summer research internship program.

Health Science Department at UTPA, Dr. Banu:

Fall 2013 – Summer 2015

- Received Undergraduate Research Initiative (URI) Grant (2015) to continue research on prevention and treatment of bone metastasis using nutritional supplementation and alternative medicine and attend Experimental Biology 2015 in Boston, MA
- UTPA MORE Health 2015 1st place research poster on “Anticancer properties of fish oils, thymoquinone, and xanthon
- Received Federation of American Societies for Experimental Biology Maximizing Access To Research Careers 2014 to attend Experimental Biology in San Diego, CA.
- Contributed to a study on the prevention of bone metastasis in mice with invasive breast cancer.

Plant-Based Study at UTPA, Dr. Faver:

Spring 2013

- Participated in a three-month study to increase plant-based foods and attend nutritional educational sessions.

PUBLICATIONS

- **Salazar RE** and Banu J. An insight into the role of vitamins other than vitamin D on bone. *Austin Journal of Nutrition and Metabolism*, 2015. 2:1024. *Review article*.

Summer 2015

ABSTRACTS

- *Cissus quadrangularis* modulates protein and gene expression related to anti-oxidation in osteoblast cells. Engaged Scholar Symposium, Edinburg, TX Department of Health and Biomedical Sciences, UTRGV (Co-presenter). Spring 2017
- Inhibition of bone metastasis by fish oil, *thymoquinone*, and *xanthone*. Experimental Biology, San Diego, CA. Department of Health and Biomedical Sciences, UTRGV (Presenter). Spring 2016
- Anticancer properties of fish oils, *thymoquinone*, and *xanthone* on bone metastases. MORE Health Conference, Research Day, College of Health Sciences and Human Services, UTPA (Presenter). Grand Prize winner. Spring 2015
- Supplementation and nutrition for endurance athletes-review. HHMI Summer High School Program Research Day, College of Health Sciences and Human Services, UTPA (Co-Presenter). Summer 2015

SKILLS

Languages: English and basic Spanish

Computer Skills: Microsoft Word, PowerPoint, Excel, Publisher, Prezi, Adobe Photoshop, Graph Pad Prism 6, HGTV Ultimate Home Design, Image J-bone analysis, Micro view bone analysis, MS-DOS, XCT 620 software, Peripheral Quantitative Computed Tomography, Micro-XCT bone analysis software, TRI/3D-Bon software, and TRI/3D-BON-BMD software.
