

Ms. Cherity Ann Ysquierdo

The University of Texas Rio Grande Valley
Department of Health and Biomedical Sciences

Email: cherity.ysquierdo@utrgv.edu

Education

MS, University of Saint Joseph, 2015

Major: Biology

Other, University of Saint Joseph, 2015

Major: Emerging Diseases

BS, University of Wisconsin, 2010

Major: Biology

Employment

Academic - Post-Secondary

Academic - Post-Secondary, Lecturer III, The University of Texas Rio Grande Valley, (2021)

Academic - Post-Secondary, Lecturer II, The University of Texas Rio Grande Valley, (2018)

Academic - Post-Secondary, Lecturer I, University of Texas Rio Grande Valley, (2015)

Professional

Professional, Faculty Associate, UT Health and Science Center, (2017 - 2017)

Professional, Laboratory Specialist, South Texas College, (2011 - 2015)

Professional, Nutrition Educator, Ho-chunk Nation, (2000 - 2005)

Licensures and Certifications Start

Health Science Technology Education Grades (8-12), TEA State Board for Educator Certification, (May 2014)

Certified Respiratory Therapist, NBRC, (August 2007)

Respiratory Care Practitioner, Texas Medical Board, (August 2007)

Publications

Journal Article, Academic Journal

Cherity Ysquierdo and Pia Olafson and Donald Thomas. Fungi isolated From House Flies (Diptera: Muscidae) on Panned Cattle in South Texas.: *Journal of Medical Entomology/Oxford University Press*. (February)

Awards and Honors

Partnership for Undergraduate Life Sciences Education (PULSE) recognition program . NSF (2021)

Certificate of Excellence-for most increase in enrollment in graduate programs . UTRGV (2019)

Merit award. UTRGV (December 2019)

Merit award. UTRGV (December 2018)

Certificate of Recognition-Project Sin Fronteras . UTRGV (2016)

MBRS-RISE Mentor Certificate of Recognition. UTRGV (2015)

Exceptional merit faculty award . UTB (2009)

Frances Rusteberg Faculty Fellowship. UTB (2008)

Outstanding journal article award. The Obesity Society (2008)

first rank holder, M.Sc, Marine Biology. Annamalai University (1985)

Statewide second rank holder, B.Sc, Zoology. Kerala University (1983)

Merit scholarship in HS . St. Joseph's HS (1977)

Leadership

Certificate of Achievement. Office of Sustainability (August 2016)

Mentoring

Certificate of Recognition. MBRS-RISE program (November 2016)

Scholarship/Research

Faculty Grant Award Incentive . Office of the EVP for Research (September 2020)

Genome scale statistical analysis workshop acceptance. Cold Spring Harbor Labs (2012)

Genomics Mentor/Mentee training award. NHGRI (2010)

Rusteberg fellowship. UTB (2008)

STAR fellow in Health Disparities. UNTHSC (2007)

IRTA Training Award. NIH (1992)

Teaching

Service Learning Honor. UTB (April 2014)

Presentations

Cherity Ann Ysquierdo and Suad Fayez Ghaddar."Games as a Learning Tool in the Online Environment: Evidence From an Introductory Epidemiology Course".College of Health Professions Health Forward Conference, UTRGV College of Health Professions, Brownsville. (April 11, 2024)

Cherity Ann Ysquierdo."Department of Health and Biomedical Science Programs".South Texas College DEMSA Students, UTRGV, Rio Grande City. (September 1, 2017)

Cherity A Ysquierdo and Pia U Olafson and Donald B Thomas."Fungi isolated from house flies(Diptera Muscidae) on penned cattle in South Texas with Comments on Bovine ringworm".Wyndham Garden Hotel Austin, Southwestern Branch of the Entomological Society of America, Austin, TX. (April 9, 2017)

Teaching

Teaching Experience

BMED 1101, Intro Med Biochem, 1 Course(s)

BMED 1103, Intro Cell Bio, 1 Course(s)

BMED 1104, Intro Molecular Bio, 1 Course(s)

BMED 2102, Molecules, Cells, Tissues, 1 Course(s)

HPRS 3309, Managing the Healthcare Team, 1 Course(s)

HPRS 3313, Phy. & Mental Health Lifespan, 3 Course(s)

HPRS 3316, Nutrition Concepts, 13 Course(s)

HPRS 4301, Intro Health Data Utilization, 3 Course(s)

HPRS 4302, Cont Quality Improvement, 1 Course(s)

HPRS 4305, Public Health, 8 Course(s)

HPRS 4309, Research Methods in Healthcare, 5 Course(s)

HPRS 4310, Epidemiology HS, 1 Course(s)

HPRS 4310, Intro Epidemiology Health Sci, 10 Course(s)

HPRS 4312, Applied Pathophysiology, 16 Course(s)

HPRS 4315, Health Disparities, 1 Course(s)

HPRS 4316, Applied Medical Microbiology, 10 Course(s)

HPRS 4320, Border Health, 12 Course(s)

HPRS 4334, Issues and Trends in Health, 18 Course(s)

Non-Credit Instruction

- Other, SOM, 50. (September 2015 - August 2018)

Directed Student Learning

Undergraduate Supervised Research,Neida Gutierrez and Maria Sanchez and Susan Guajardo and Luzeleste Flores and Zayda Morales. (January 2021)

Undergraduate Supervised Research,Noor Karkoutly and Michelle Covarrubias. Cytokines association with obesity in adolescents, Department of Biology. (June 2020)

Undergraduate Supervised Research,Paola Vidal. Effects of IL-6 on Mitochondrial biogenesis, Department of Health and Biomedical Sciences. (September 2017)

Undergraduate Supervised Research,Roman Sanchez. Effects of Melatonin on adipogenesis and brown adipocyte morphogenesis, Department of Health and Biomedical Sciences. (September 2016 - August 2021)

Undergraduate Supervised Research,Chinyere Agba. Effects of Melatonin and Cytokines on adipogenesis, Department of Biomedical Sciences. (September 2020 - May 2021)

Undergraduate Supervised Research,Neida Gutierrez and Natalie Marquez and Chinyere Agba. Independent Research, Department of Biomedical Sciences. (September 2019 - May 2020)

Undergraduate Supervised Research, Gonzalez Valeria. Effects of TNF alpha on Mitochondrial biogenesis, Department of Health and Biomedical Sciences. (January 2018 - May 2020)

Undergraduate Supervised Research, Tristan Cavazos. Effects of Melatonin on adipogenesis and brown adipocyte morphogenesis, Department of Health and Biomedical Sciences. (January 2018 - May 2020)

Undergraduate Supervised Research, Marysol Canales and Rebecca Trevino and Noe Trevino. Department of Biology. (June 2019 - August 2019)

Undergraduate Supervised Research, Eliud Reyna. Effects of TNF α and IL6 on adipogenesis, Department of Health and Biomedical Sciences. (September 2018 - August 2019)

Undergraduate Supervised Research, Lucas Montoya. Effects of Melatonin on adipogenesis and brown adipocyte morphogenesis, (June 2018 - May 2019)

Undergraduate Supervised Research, Adrian Maldonado. Effect of CCCP/cytokines on gene expression, Department of Health and Biomedical Sciences. (September 2017 - December 2018)

Undergraduate Supervised Research, Ednia Gutierrez. Effects of Melatonin on adipogenesis, Department of Biology. (January 2015 - August 2018)

Undergraduate Supervised Research, Sachin George and Paola Vidal and Adrian Maldonado. Department of Health and Biomedical Sciences. (September 2016 - December 2017)

Undergraduate Supervised Research, Ednia Gutierrez. Biological Sciences (UTB). (September 2015 - August 2017)

Undergraduate Supervised Research, Florentino Saenz. Department of Health and Biomedical Sciences. (September 2015 - August 2017)

Undergraduate Supervised Research, Kristen Gomez. Biological Sciences (UTB). (September 2015 - August 2017)

Undergraduate Supervised Research, Karla Boeta. Department of Biomedical Sciences. (September 2013 - August 2017)

Undergraduate Supervised Research, Cecilia Castro and Katellen Gomez. Department of Biomedical Sciences. (September 2014 - August 2015)

Undergraduate Supervised Research, Erika Espinosa and Erica DeLeon and Pedro Valdez. Department of Biomedical Sciences. (September 2013 - August 2015)

Undergraduate Supervised Research, Manti Ortiz and Diana Elizondo and Adelaeda Barrera and Yazmin Hernandez and . Department of Biology. (September 2011 - August 2013)

Dissertation Committee Chair, Nicole Ruiz. Neuroendocrine basis of Epilepsy related Obesity, Department of Biology. (September 2010 - August 2013)

Service

Department Service

Committee Member, Bachelors Degree Development (September 30, 2016)

Committee Co-Chair, Coordinate Program Surveys for SLO's (September 01, 2016)

Committee Co-Chair, Student Learning Outcomes(SLO) (September 15, 2015)

Participant, Recruitment (September 1, 2015)

Committee Chair, HABS Recruitment Committee (December 5, 2018 - September 22, 2022)

Committee Member, Part-time Lecturer Hiring Committee (June 1, 2022 - August 10, 2022)

Participant, TSC Recruitment Fair (April 27, 2022 - April 27, 2022)

Committee Member, Full-time Lecturer Hiring Committee (January 12, 2022 - April 15, 2022)

Participant, TSC Advisors Presentation (November 12, 2021 - November 12, 2021)

Other, BFRI Research Symposium (November 25, 2019 - November 25, 2019)

College Service

Committee Member, COHP Recruitment Committee (November 1, 2021)

Faculty Advisor, Health Professions Discover for COHP (November 13, 2021 - November 13, 2021)

Participant, Planning for Future Summit (March 22, 2019)

University Service

Task Force Chair, Virtual Vaquero Round up (August 13, 2020 - August 19, 2020)

Development Activities Attended

- Workshop, "Watermark Planning and Self Study Training", UTRGV (September 16, 2021 - September 16, 2021)
- Conference Attendance, "Excellence in Online Learning Elevating Instruction For the Digital Learner", COLTT (March 25, 2021 - March 26, 2021)

- Continuing Education Program, "Quality Matters Blueprinting", COLTT (July 1, 2020 - August 1, 2020)
- Continuing Education Program, "Certificate in Digital Marketing", University of Texas Rio Grande Valley60 (November 14, 2019 - December 14, 2019)
- , "Vaquero Round Up", University of Texas Rio Grande Valley (August 21, 2019 - August 21, 2019)
- Webinar, "Quality Matters Research Webinar", Quality Matters (April 11, 2019 - April 11, 2019)
- Conference Attendance, "Excellence in Online learning", COLTT (February 28, 2019 - March 1, 2019)
- Continuing Education Program, "Quality Matters Rubric Update Sixth Edition (RU)", (January 29, 2019)
- Workshop, "Interprofessional Practice and Education Team Development and Implementaion of IPE", UTRGV (December 07, 2018 - December 07, 2018)
- Webinar, "Sustainability Faculty Development Business Webinar Series(Webinar 1)", The Association for the Advancement of Sustainability in Higher Education (September 10, 2018 - September 10, 2018)
- Conference Attendance, "International Center for Sustainability Across the Curriculum", UTRGV (May 18, 2018 - May 19, 2018)
- Conference Attendance, "Excellence in Online Learning Sparking Innovation in Online and Hybrid Learning", UTRGV (March 02, 2018 - March 02, 2018)
- Workshop, "SOM IAMSE Competency-Based Education across the UME--GME Continuum", UTRGV SOM (February 08, 2018 - February 08, 2018)
- Workshop, "SOM IAMSE Continuity, LICs, and Competency-Based Education", UTRGV SOM (February 01, 2018 - February 01, 2018)
- Workshop, "Online Faculty Roundtable", UTRGV (October 6, 2017)
- Workshop, "Online Faculty Roundtable", UTRGV (August 24, 2017)
- Training Course, "ELISA Nimbus Robot", Hamilton (June 01, 2017 - June 06, 2017)
- Training Course, "QuantStudio Dx Instrument", ThermoFischer (May 16, 2017)
- Webinar, "Respondus Lockdown Browser", Respondus (December 15, 2016 - December 15, 2016)
- Conference Attendance, "One Health", Australian Health and Human Services (December 3, 2016 - December 7, 2016)

Professional Memberships

American Association for Respiratory Care , (AARC) (December 1, 2023 - November 30, 2024)