

Promoting Hispanic Involvement in Research & Education and Addressing Health Disparities: Texas Tech University Health Sciences Center (TTUHSC)-Reddy's Lab Initiatives and Achievements

At TTUHSC-Reddy lab, we are committed to encouraging Hispanic students' involvement in research and development. We welcome high school, undergraduate, graduate, and medical students to join our research ventures. In Summer 2023, we launched a student consortium for high school and undergraduate students to promote scientific writing. As a result of this consortium, we published five peer-reviewed manuscripts in reputable journals.

Beyond promoting Hispanic student participation in research activities at Dr. Reddy's lab, we have authored numerous articles addressing health disparities in Hispanic populations. We have also advocated for Hispanic caregivers, highlighting their need for support in managing their health and the health of their loved ones. We plan to provide high school students with hands-on research experience in a working lab focused on the study of healthy aging and dementia prevention, with a special emphasis on engaging Hispanic and female students.

Additionally, we organized the second "Healthy Aging and Dementia Research Symposium" on October 25-27, 2023, at Texas Tech University Health Sciences Center. During this three-day event, we discussed the healthcare needs and challenges faced by rural West Texans and their caregivers. Scientists from across the country, along with members of the Hispanic community and students, participated in our symposium.

Below is a list of our lab's recent publications on health disparities and the needs of the Hispanic community.

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- 40 Dtqy pgm"O0'Ugj ct."W0'Muj ktuci ct."U0"('Tgf f {"'ROJ 0*4246+0Is Effective Recruitment Strategy Critical to Assess Brain Cognitive Function of Super Agers in Rural West Texas. *Lqwt pcr'qhl'Crj j gko gt u'F kugcug'Tgr qt vu. : *3+:'777/77; 0*
- 50 Mj cp."J 0'Hctj cpc.'O0'Tchks.'C0'P k k.'GOY 0'Tc|| cs."T0i 0'Tgf f {"'ROJ 0*4246+0Comparative Study of Risk Factors Associated with Normal Cognition and Cognitive Impairment in Rural West Elderly Texans. *Lqwt pcr'qhl'Crj j gko gt u'F kugcug'Tgr qt vu0*
- 60 Tcy cv.'R0'Ugj ct."W0'Dkuj v.'L0'Tgf f {"'C0R0"('Tgf f {"'ROJ 0*4245+0Alzheimer's Disease and Alzheimer's Disease-Related Dementias in Hispanics: Identifying Influential Factors and Supporting Caregivers. *Ci gkpi 'Tgugctej 'Tgxky u."32439: 0*
- 70 Dcuw."W0'Ugm cp.'C0'Tgf f {"'C0R0"('Tgf f {"'ROJ 0*4245+0Current status of obesity: Protective role of catechins. *Cpvkqz'kf cpvu. 34*4+:'6960*
- 80 Dcuw."W0'Ugj ct."W0'Ugm cp.'C0'Tgf f {"'C0R0"('Tgf f {"'ROJ 0*4245.'O c {+0Support provided by caregivers for community-dwelling obese individuals: focus on elderly and Hispanics."k J gcnj ectg *Xqr033."P q032."r 03664+0O FRK0

