

Adolph ‘AJ’ Delgado

Generative AI Expert|Applied Statistician|Community-Centered Practitioner

Professional Summary

My research focuses on developing applied solutions to address urgent health needs among Latino populations in the United States. I examine the intersection of preventable chronic diseases and Non-Medical Drivers of Health (NMDOH), integrating generative AI, applied quantitative methods, and community engagement.

Education

- **PhD in Applied Demography**, University of Texas at San Antonio, 2023
- **MEd in Quantitative Methods**, University of Texas at Austin, 2019
- **MS in Health and Kinesiology**, University of Texas at San Antonio, 2014
- **BA in Psychology with Highest Honors**, University of Texas at San Antonio, 2010

Current Positions

Bridge to Faculty Postdoctoral Fellow

University of Texas at San Antonio, Public Health, 2024–Present

- Lead interdisciplinary public health research initiatives, employing advanced data analytics.
- Collaborate with faculty and community stakeholders.
- Disseminate findings at conferences and publications.
- Mentor undergraduate and graduate students.

Owner & Senior Data Scientist

Significant Results LLC, 2019–Present

- Analyze, and interpret data to inform and improve business operations. - Communicate technical analyses to nontechnical audiences.

Lecturer I

University of Texas at San Antonio, College for Health, Community and Policy, 2021–Present

- Teach courses in Database Management, Quantitative Analysis, and Public Health Messaging.

Previous Positions

- **Lecturer I**, Texas A&M University San Antonio, 2021–2023

- **Data Coordinator**, HOME, 2020
- **Director of Compliance**, Alamo Area Resource Center, 2018–2020
- **DSRIP Consultant**, 2017–2018
- **Lecturer I**, University of Texas at San Antonio, 2015–2018
- **Senior Programmatic Officer**, San Antonio AIDS Foundation, 2016–2017
- **Research Consultant**, Pearson, 2013–2016

Research Experience

In Preparation Manuscripts

- BeLue, R., Sosa, E. T., Howard, J. T., Vázquez-Otero, C., & Delgado, A. J. *Empowering Diverse Researchers to Shape Precision Medicine: Leveraging All of Us Data*. To be submitted February 2025.
- Delgado, A.J., Wolf, J.K., & Cossman, J.S. *COVID-19 Impact on Social Connectedness and Support Networks Among Lesbian, Gay, and Bisexual (LGB) Individuals: Insights from the 2021 CHAPS Survey*. To be submitted October 2024.
- Delgado, A.J., & BeLue, R. *Building Student Analytic Capacity: Thinking & Analyzing Administrative Data for Real World Decisions*. To be submitted October 2024.
- Delgado, A.J. & BeLue, R. *What R We Doing with Our Data: A Community-Academic Approach to Evaluate HIV Data using RStudio*. To be submitted November 2024.
- Souch, J., Schaefer, D., Delgado, A.J., & Cossman, J.S. *Does Childbearing Affect Cognitive Health in Later Life? Evidence From an Instrumental Variable Approach*. To be submitted December 2024.

Manuscripts Under Review

- Delgado, A.J., Cossman, J.S., & BeLue, R. *A Comparative Analysis of HIV Status by Sociodemographic and Sexual Behavior Characteristics among Men in Bexar County, Texas*. Submitted to *PLOS One*.
- BeLue, R., Gilbert, K., Southerland, P., Ho, B., Delgado, A.J., Anakwe, A., Noel-London, K., & Hooper-Boateng, E. *A Group-Based Participatory Approach to Examine Community Resilience and Trauma*. Submitted to *Community Health Equity Research & Policy*.
- Delgado, A.J., Martinez, R., & Cossman, J.S. *Attitudes Toward Homosexuality Among U.S. Veterans: Identifying Trends and Sociodemographic Associations Using the General Social Survey*. Submitted to *Journal of Homosexuality*.
- Newton, L., Hebdon, M., & Delgado, A.J. *United Front: Building Couples-Centered Support for Military Families Facing Breast Cancer*. Submitted to *Clinical Journal of Oncology Nursing*.

Completed Manuscripts

- Delgado, A.J. (2023). *The State of HIV: An Analysis of the End HIV Epidemic Initiative in the United States*. Doctoral dissertation, University of Texas at San Antonio. (Cited by 1)
- Schnarrs, P. W., Gordon, D., Martin-Valenzuela, R., Sunil, T., Delgado, A.J., Glidden, D., . . . & McAdams, J. (2018). *Perceived Social Norms About Oral PrEP Use: Differences Between African-American, Latino, and White Gay, Bisexual, and Other Men Who Have Sex with Men in Texas*. *AIDS and Behavior*, 22(11), 3588–3602. DOI: 10.1007/s10461-018-2076-7. (Cited by 45)

- Schnarrs, P.W., Rosenberger, J. G., Schick, V., Delgado, A.J., Briggs, L., Dodge, B., & Reece, M. (2017). *Difference in Condom Use Between Bear Concordant and Discordant Dyads During the Last Anal Sex Event*. *Journal of Homosexuality*, 64(2), 195–208. DOI: 10.1080/00918369.2016.1174024. (Cited by 17)
- Delgado, A.J., Gordon, D., & Schnarrs, P.W. (2016). *The Effect of Discrimination and Stress on Sexual and Behavioral Health among Sexual Minority Servicemen*. *Journal of Gay & Lesbian Mental Health*, 20(3), 258–279. DOI: 10.1080/19359705.2016.1141344. (Cited by 21)
- Delgado, A.J., Wardlow, L., McKnight, K., & O'Malley, K. (2015). *Educational Technology: A Review of the Integration, Resources, and Effectiveness of Technology in K–12 Classrooms*. *Journal of Information Technology Education: Research*, 14, 397–416. DOI: 10.28945/2298. (Cited by 475)

Research Reports & Briefs

- Saenz, R., Delgado, A.J., & Reyna, J. (2021). *In the Midst of the Delta Variant Surge: A Cautious Ray of Hope with the Decline of Latino COVID-19 Deaths*. Retrieved from *Latino Rebels*.

Research Presentations

- Delgado A.J., Martinez, R., & Cossman, J.S. (2025). *Sociodemographic Variations on Attitudes Toward Homosexuality Among U.S. Veterans*. Presented at TEXPOP, Austin, TX.
- Martinez, R. & Delgado A.J. (2025). *Generational Differences in Job Satisfaction and Social Engagement: The Lasting Impact of COVID-19*. Presented at TEXPOP, Austin, TX.
- Delgado, A.J. & Cossman, J.S. (2025). *COVID Mortality and Its Effect on Small-Area Mortality Trends Among Latino Populations: A Longitudinal Analysis*. Presented at Population Association of America Annual Meeting, Washington, DC.
- Delgado, A.J., Martinez, R., & Cossman, J.S. (2025). *Attitudes Toward Homosexuality Among U.S. Veterans*. Presented at First Annual HCAP Research Forum, San Antonio, TX.
- Delgado, A.J., Wolf, J.K., & Cossman, J.S. (2024). *COVID-19 Impact on Social Connectedness and Support Networks Among LGB Individuals*. Presented at UT System Postdoctoral Symposium.
- Delgado, A.J. & Cossman, J.S. (2024). *An Analysis of Syndemic Factors Within an EHE Targeted County: Bexar County, Texas*. Presented at Southern Demographic Annual Meeting, Savannah, GA.
- Delgado, A.J., & Cossman, J.S. (2024). *Acceptance and Tolerance Toward Homosexuality by U.S. Veterans and Non-Veterans*. Presented at AIM Health R&D Summit, San Antonio, TX.
- Delgado, A.J., Sáenz, R., & Sparks, J. (2023). *Examining Syndemic and Psychosocial Factors Impacting HIV Diagnoses Among Marginalized Communities*. Presented at Southern Demographic Association, San Antonio, TX.
- Delgado, A.J., & Huang, Y. (2021). *New HIV Infections Among Hispanic MSM in Bexar County, Texas*. Presented at American Public Health Association Virtual Conference.
- Reyna, J., Garcia-Villarreal, R., & Delgado, A.J. (2021). *Race-Based Support for the Death Penalty Using Religious Attendance as a Moderator*. Presented at Southern Sociological Society Virtual Conference.
- Reyna, J. & Delgado, A.J. (2021). *Sex-Based Race Support for Capital Punishment Across Racial Groups*. Presented at Southern Sociological Society Virtual Conference.
- Zuniga, V., Aguilar, J., & Delgado, A.J. (2016). *You're The Cure: An Interactive Approach to Teach STI/HIV Prevention*. Presented at St. David's Center Conference, University of Texas at Austin.
- Schnarrs, P.W., Gordon, D.G., Parson, J.T., Glidden, D., Sunil, T., & Delgado, A.J. (2016). *Intention to Use Pre-Exposure Prophylaxis Among Men Who Have Sex with Men in Central Texas: A Qualitative Analysis of Injectable PrEP Compared to Daily PrEP*. Presented at the American Public Health Association Annual Meeting & Expo, Denver, CO.
- Delgado, A.J., Wardlow, L., McKnight, K., & O'Malley, K. (2016). *Teaching in a Digital Age: The Role of Guided Feedback in Student Learning*. Presented at the AERA Annual Meeting, Washington, DC.

- Delgado, A.J., & Schnarrs, P.W. (2014). *The Effect of Discrimination and Stress on Sexual and Behavioral Health among Sexual Minority Service Members: A Syndemic Perspective*. Presented at the 27th Annual American Psychological Association Symposium, New York, NY.
- Delgado, A.J., & Schnarrs, P.W. (2013). *The Bear Community: Sexual Health, Behaviors, and Identity Concordance*. Presented at the Society for the Scientific Study of Sexuality, San Diego, CA.
- Schnarrs, P.W., Moskowitz, D., & Delgado, A.J. (2013). *Differences in Condom Use and Sexual Health Testing Latencies Among MSM With and Without Military Experience*. Presented at the Society for the Scientific Study of Sexuality, San Diego, CA.
- Delgado, A.J., & Schnarrs, P.W. (2013). *Perceptions of Body Image: An Exploration of Psychosexual Behaviors Among Latino Men*. Presented at the 8th Annual American Association of Hispanics in Higher Education Conference, San Antonio, TX.
- Delgado, A.J., & Schnarrs, P.W. (2013). *The Bear Community: A Descriptive Analysis of the Effects of Body Image on Condom Use*. Presented at the 25th Annual Association for Psychological Science Conference, Washington, DC.
- Delgado, A.J., Juarez, T., Gonzalez, A., & Lopez, S. (2011). *Patterns of Smoking and Tobacco Use Among Depressed Mexican American College-Aged Individuals*. Presented at the 23rd Annual American Psychological Association Symposium, Washington, DC.
- Delgado, A.J., & Lopez, S. (2011). *Patterns of Smoking and Tobacco Use Among Depressed Mexican American College-Aged Individuals*. Presented at the Southwestern Psychological Association Convention, San Antonio, TX.

Guest Lectures & Invited Presentations

- **Delgado, A.J. & Rhonda BeLue. (2025). Unlocking the Power of Generative Artificial Intelligence (AI): A Foundational Workshop.**
 - Delivered a foundational workshop introducing the principles, applications, and ethical considerations of generative AI technologies, including ChatGPT and DALL · E, for public service innovation.
 - Led interactive exercises where participants practiced creating AI-generated text, images, and custom chatbots to enhance problem-solving and public communication efforts.
- **Escamilla, E.S. & Delgado, A.J. (2024). San Antonio Hispanic Health & Social Regional Meeting.**
 - Co-moderated the regional meeting, facilitating discussions on preventative health strategies for Hispanic populations in Texas.
 - Engaged with participants to gather insights and recommendations during the data presentation, promoting an interactive dialogue.
 - Organized a pre-discussion with partners to ensure alignment and effective outcomes.
- **Delgado, A.J. (2024). Empowering Social Work: Integrating ChatGPT for Advanced Practice and Innovation.**
 - Provided an overview of ChatGPT, its capabilities, and potential applications in academic and personal contexts.
 - Demonstrated practical examples of how ChatGPT can assist with research, writing, and problem-solving.
 - Facilitated a Q&A session to address specific concerns and interests of students.
- **Delgado, A.J. (2024). Navigating the Future & Harnessing the Power of AI: ChatGPT for Academic Excellence.**
 - Provided an overview of basic features and functions of ChatGPT.
 - Explored prompt development and structuring techniques.
 - Reviewed the steps involved in designing and building chatbots using ChatGPT.

- Addressed the importance of ethical practices in AI.
- **Delgado, A.J. & Gordon, D.R. (2024). Marijuana Policy Development & Implementation: U.S. History of Buds, Bigotry, & Barriers.**
 - Delivered a detailed discussion on the evolution of marijuana policies in the U.S., highlighting the interplay of societal attitudes and legal frameworks.
- **Delgado, A.J. (2022). PrEP Platica.**
 - Led a deep conversation on how PrEP can be used to reduce HIV risk among the Latino community.
- **Delgado, A.J. Introduction to Statistics; University of Texas at San Antonio.**
 - Developed and conducted a workshop for McNair Scholars on statistical theory and application.
 - Introduced topics such as data normalization and transformation.
 - Discussed resources like “The Table of Statistical Tests” and “A Decision-Making Tree” for selecting appropriate statistical tools for research questions.
- **Delgado, A.J. Introduction to SPSS Syntax; St. Mary’s University (Master’s in Public Administration).**
 - Developed and delivered lessons on SPSS syntax, including data management, variable transformation, and automated analysis.
 - Guided students through practical exercises to build SPSS scripting proficiency.
 - Provided personalized support to ensure efficient and accurate data analysis.
- **Delgado, A.J. Etiquette Skills 101; University of Texas at San Antonio.**
 - Introduced students to dining etiquette and formal academic settings.
 - Organized a mock etiquette dinner to practice professional interactions.
- **Delgado, A.J. Scientific Writing; University of Texas at San Antonio.**
 - Created and delivered grammar-focused lesson plans, SAT/ACT test preparation, and quizzes.
 - Organized class lectures for over 35 high school students.
 - Guided students on scholarship essays and college application processes.
- **Delgado, A.J. Psychology 101; University of Texas at San Antonio.**
 - Introduced students to major psychological schools of thought.
 - Discussed ethical and unethical research practices.
 - Designed interactive activities on classical conditioning and social schemas.
- **Delgado, A.J. Taking Charge of Your Training to Maximize Your Future; University of Texas at San Antonio.**
 - Addressed the importance of research involvement for McNair Scholars.
 - Reviewed PhD preparation, lab ethics, and academic professionalism.

Grants

- **CO-PI**, submitted **\$1,497,435** to PCORI.
Project Title: Evaluating the Role of Participatory Cultural Practices in the Science of Engagement for Diabetes Research: *Usando el Arte para Sanar y Construir Comunidad* (2024).
- **PI**, awarded **\$5,000** by the Institute for Integration of Medicine and Science’s (IIMS) Community Engagement Clinical Translational Science Award (CTSA) Program.
Project Title: What R We Doing with Our Data: A Community-Academic Approach to Assessing HIV Data using RStudio (2024).

- **CO-PI**, submitted **\$150,000** to NEH.
Project Title: Botánicas as a Source of Care and Community During the COVID-19 Pandemic (2024).
- **PI**, awarded **\$40,000** from MAC AIDS Fund.
Private Grant for AIDS-related projects (2019).
- **PI**, awarded **\$60,000** from AIDS United.
Private Grant for AIDS-related projects (2019).
- **PI**, awarded **\$622,925** from DSHS Prevention.
Federal Grant for AIDS prevention and outreach (2019).
- **PI**, awarded **\$1,000** from University of Texas at San Antonio.
Federal Mini-Grant for research support (2018).
- **PI**, awarded **\$3,000** from UT Austin.
Private Grant for AIDS research (2016).
- **PI**, awarded **\$85,000** from Cornyation.
Local Donation for community health projects (2016).
- **PI**, awarded **\$5,000** from MAC AIDS Fund.
Private Grant for AIDS research (2016).
- **PI**, awarded **\$40,669** from FEMA (Phase 33).
Federal Grant for emergency management (2016).
- **PI**, awarded **\$319,731** from HOPWA.
Federal Grant for housing opportunities for persons with AIDS (2016).
- **PI**, awarded **\$95,900** from HOPWA.
Federal Grant for housing opportunities for persons with AIDS (2016).
- **PI**, awarded **\$130,915** from HOPWA.
Federal Grant for housing opportunities for persons with AIDS (2016).
- **PI**, awarded **\$1,000** from San Antonio Junior Forum.
Private Grant for community health projects (2016).
- **PI**, awarded **\$10,000** from USAA.
Private Grant for community health projects (2016).
- **PI**, awarded **\$25,000** from MAC AIDS Fund.
Private Grant for AIDS research (2016).
- **PI**, awarded **\$7,485** from Baptist Health Foundation of San Antonio.
Private Grant for health research (2016).
- **PI**, awarded **\$1,500** from University of Texas at San Antonio.
Federal Mini-Grant for research support (2016).
- **PI**, awarded **\$179,483** from San Antonio/Bexar County Continuum of Care (CoC).
Federal Grant for community health and housing support (2016).

Pre-Submission Reviews

- BeLue, R. *Tampons: A Small Hygiene Tool with a Complex History.*
- Taylor, K.D., Elewonibi, B.R., Manu, S., Lockett, C., BeLue, R. *An Exploratory Study Assessing the Influence of Acculturation on Mental Health Among African Immigrant and Refugee Adolescents.*
- Schaefer, D., Wolf, J.K., Cossman, L., Swisher, R. *Subjective Life Expectancy and County Characteristics.*
- BeLue, R., Gilbert, K., Southerland, P., Delgado, A.J., Anakwe, A., Noel-London, K., Ho, B., Salah, S., Mohamed, S., Sosa, E. *A Group-Based Participatory Approach to Examine Community Resilience and Trauma.*
- Wolf, J.K., Cossman, L. *Stress, Psychological Distress, Suicide Ideation, and Physical Health by Sexual Orientation.*
- Souch, J., Cossman, L. *Does Childbearing Affect Cognitive Health in Later Life? Evidence From an Instrumental Variable Approach.*
- BeLue, R., Howard, S., Sosa, E., Vazquez-Otero, I., Ramirez, A. (consultant), Jacob, C. *All of Us.*
- Garcia, E., Bradford, N., Rios, F., Delgado, A.J. *Exploring First-Generation Students' Perceptions of What Facilitates Health or Acts as a Barrier to Health in the Community: A Photovoice Study.* (Role: Audio Transcriber; To submit April)
- Wolf, J.K. *Access and Use of Green and Blue Spaces for Memory and Physical Health.*
- Souch, J., Cossman, L. *Overburdening of Abortion Clinics in Post-Roe America: Problems of Access and Allocation.*
- Schaefer, D., Souch, J.M., Wolf, J.K., Cossman, J.S. *Race and Place: Uncovering Spatial Disparities Through Population Weighted Centers of Population.*

Manuscript Reviews

- Delgado, A.J. *Where is the Diversity in this Facility? – Experiences of Emergency Care Among Visible Minority Individuals.*
Manuscript ID CETH-2024-0091, reviewed for *Ethnicity and Health* (2024).

Service

Leadership

- SATGA Comprehensive Integrated Plan Stakeholder
- Co-Chair for Bexar County HIV/STD Task Force (Ryan White Program)
- Co-Chair for Universal Health System Quality Management Committee
- Co-Chair for Ryan White QM Committee, San Antonio
- Alumni Officer for Psychology Club, University of Texas at San Antonio
- President for Psychology Club, University of Texas at San Antonio
- Campus Representative for APPSC, University of Texas at San Antonio

Panelist & Reviewer

- Judge for Graduate School Research Symposium, University of Texas at San Antonio
- Panelist for Public Health Week First-Gen Panel, University of Texas at San Antonio
- Conference Abstract Reviewer for Division 5, APA
- Student Research Reviewer for APA, Washington, D.C.
- Selection Panelist for McNair Program Manager
- Honors Panelist for Lonestar Colleges

- Scholarship Reviewer for Honors College, University of Texas at San Antonio
- Grant and Scholarship Reviewer for APSSC, Washington, D.C.
- Advisory Board Member for Honors College, University of Texas at San Antonio

Fellowships, Awards, & Scholarships

- Semifinalist, 2025 University Excellence Awards
- Outstanding Graduate Teaching Award, University of Texas at San Antonio
- McNair Fellowship, University of Texas at Austin
- William Powers Jr. Endowed Scholarship, University of Texas at Austin
- McNair Scholars Program, University of Texas at San Antonio
- Graduate Student Professional Development Award, University of Texas at San Antonio
- Alvarez Graduate Excellence Travel Grant, University of Texas at San Antonio
- 2nd Place, COEHD Research Symposium, University of Texas at San Antonio
- AAHHE Conference Travel Grant, 2013
- 3rd Place, COLFA Research Conference, University of Texas at San Antonio
- COEHD Presidential Scholarship, University of Texas at San Antonio
- Texas Association for Health, Physical Education, Recreation, and Dance (TAHPERD) Award, 2013
- Alumni Association Scholarship, University of Texas at San Antonio (2013)
- Great Conversations Scholarship, University of Texas at San Antonio (2013)
- Who's Who Recipient, University of Texas at San Antonio (2010)
- Presidential Scholarship, University of Texas at San Antonio (2010)
- Presidential Scholarship, University of Texas at San Antonio (2009)

Professional Memberships

- Mayor's Fitness Council: Public Policy Committee
- Association for Psychological Science (APS)
- Texas Association for Health, Physical Education, Recreation, and Dance (TAHPERD)
- Society for the Scientific Study of Sexuality (SSSS)