

Troy Quast

University of South Florida
College of Public Health
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1. Education

Ph.D., Economics, University of Florida, 2006
M.S., Economics, University of Texas (Austin), 1999
B.S., Economics, George Washington University, 1995

2. Employment

Professor (2020 – present) / Associate Professor (2015 – 2020)

[University of South Florida](#)
[College of Public Health](#)
[Department of Health Policy and Systems Management](#)
Tampa, FL

Associate Professor (2012-2015) / Assistant Professor (2006-2012)

[Sam Houston State University](#)
[College of Business Administration](#)
[Department of Economics and International Business](#)
Huntsville, TX

Senior Analyst (1995-1997, 1999-2001)

[National Economic Research Associates](#)
Washington, DC

3. Affiliations

Board Member (USF Representative), [Consortium for Medical Marijuana Clinical Outcomes Research](#) (2025-present)

Research Affiliate, [CHERISH \(Center for Health Economics of Treatment Interventions for Substance Use Disorder, HCV, and HIV\)](#) (2023-present)

Collaborator Member, [Department of Health Outcomes and Behavior, Moffitt Cancer Center](#) (2019-present)

Collaborator, [USF Cognitive Aging Lab](#) (2018-present)

Courtesy Faculty, [University of South Florida, Department of Economics](#) (2016-present)

Research Associate (Intergovernmental Personnel Act appointment), [James A. Haley Veterans Administration Hospital, Center of Innovation on Disability and Rehabilitation Research \(CINDRR\)](#) (2017-2021)

Associate Fellow, [Robert Wood Johnson Foundation Center for Health Policy at the University of New Mexico](#) (2009-2012)

4. Publications

4a. Book chapters

Zgibor J., Bakour, C., Wang W., O'Rourke K., **Quast T.**, Venkatachalam H.V. (2018) [Evidence-Based Approaches to Public Health](#). In K. Liller, J. Corvin (Eds). [Certified in Public Health: Exam Review Guide](#). Washington, DC: American Public Health Association.

4b. Refereed journal articles

(* Publication in journal in which authors are listed alphabetically; ** Student mentee)

Cheng JS, Held JB, Murphy CG, Onyeka OC, Guzick AG, Riddle DB, Berry LN, Goin-Kochel RP, Messerli M, Carter J, Vazquez M, Trent ES, Boedker PJ, **Quast T.**, Storch, EA. (forthcoming). Development and pilot testing of internet-delivered cognitive behavioral therapy for anxiety and obsessive-compulsive disorders in autistic adolescents. *Journal of Cognitive Psychotherapy*.

Iovannone R, Crosland K, Baton E, Fuller A, Dreiss A, Fleming Z, Ferron J, **Quast T.** (2025). [Empowering Educators: A Pilot Study of a Modular-Based Class-Wide Intervention to Support Teachers of Students with Emotional Disturbance](#). *Education and Treatment of Children*.

Quast T., Anthony T**, Kim E, Suldo S, Rote W, Barbre S, Storch E. (2025). [Remote Instruction During the COVID-19 Pandemic and School Suspensions](#). *Education Economics*. 1–21.

Cowart K, **Quast T.**, Carris N. (2025). [Real-World Comparative Evaluation of Clinical and Economic Outcomes of Fixed-Ratio GLP-1 Receptor Agonist and Basal Insulin Combinations](#). *Diabetes Technology and Obesity Medicine*.1(1):355-360.

Colon-Lopez V, Sanchez-Cabrea Y, Soto-Salgado M, Ortiz-Ortiz K, **Quast T.**, Fernandez M. (2025) [‘More stressful than cancer’: treatment experiences lived during Hurricane Maria among breast and colorectal cancer patients in Puerto Rico](#). *BMC Public Health*. 25:1703.

Chavez M, Ortiz-Ortiz K, Trejos R, Sanabria G, **Quast T.**, Martinez Tyson D. (2025) [Opioid Prescription and Usage Disparities Among Puerto Rican Breast Cancer Survivors: Findings from the Puerto Rico Central Cancer Registry-Health Insurance Linkage Database \(PRCCR-HILD\)](#). *Cancer Causes & Control*. Forthcoming

Anthony T**, Warren S, **Quast T.** (2024). [Cost-Effectiveness Analysis: Automated Auditory Brainstem Response \(aABR\) diagnostic test compared to Transient Evoked Otoacoustic Emission screening \(TEOAE\) for universal newborn hearing screenings \(UNHS\) in high-risk neonates](#). *Journal of Early Hearing Detection and Intervention*.

9(1):1-53.

DeRidder LB, Hare KA, Lopes A, Jenkins J, Fitzgerald N, MacPherson E, Fabian N, Morimoto J, Chu JN, Kirtane AR, Madani W, Ishida K, Kuosmanen JLP, Zecharias N, Colangelo CM, Huang HW, Chilekwa M, Lal NB, Srinivasan SS, Hayward AM, Wolpin BM, Trumper D, **Quast T**, Rubinson DA, Langer R, & Traverso G. (2024) [Closed-loop automated drug infusion regulator: A clinically translatable, closed-loop drug delivery system for personalized drug dosing](#). *Med*. 5(7):780-796.

Guzick AG, Schneider SC, Kook M, Iacono JR, Weinzimmer SA, **Quast T**, Olsen SM, Hughes KR, Jellinek-Russo E, Perozo Garcia AM, Candelari A, Berry L, Goin-Kochel RP, Goodman WK, & Storch EA. (2024) [Parent-led cognitive behavioral teletherapy for anxiety in autistic youth: A randomized trial comparing two levels of therapist support](#). *Behavior Therapy*. 55(3):499-512.

Storch EA, Schneider SC, Olsen SM, Ramirez AC, Berry LN, Goin-Kochel RP, McNeel M, Candelari AE, Guzick AG, Cepeda SL, Weinzimmer S, Voigt RG, **Quast T**, Goodman WK, & Salloum A. (2024) [Stepped-Care Cognitive Behavioral Therapy in Children on the Autism Spectrum with Co-occurring Anxiety](#). *J Autism Dev Disord*. 54(1):93-108.

Salloum A, Yuanyuan L, Ali O, Chen H, Salomon K, Cohen JA, Scheeringa MS, **Quast T**, & Storch EA. (2024) [Exploring treatment response predictors of a parent-led therapist-assisted treatment for childhood trauma](#). *Research on Social Work Practice*. 34(1):3-16.

Stroupbauer ER, Morris OJ, Soileau KJ, Wiese AD, **Quast T**, Goodman WK, Sheth SA, Wojcik KD, Guzick AG, & Storch EA. (2023) [Economic Analyses of Obsessive-Compulsive Disorder Interventions: A Systematic Review](#). *Pharmacoeconomics*. 41:499-527.

De Nadai A, **Quast T**, Little TB, Westerberg K, Patyk K, Monahan M, Storch E, & Gregory S. (2022). [Intervention cost-effectiveness for pediatric anxiety and OCD: A systematic review and integrated database model](#). *Journal of Affective Disorders*. 298(A):110-118.

Salloum A, Lu Y, Chen H, **Quast T**, Cohen J, Scheeringa M, Salomon K, Storch E. (2022) [Stepped Care versus Standard Care for Children after Trauma: A Randomized Non-inferiority Clinical Trial](#). *Journal of the American Academy of Child and Adolescent Psychiatry*. 61(8):1010-1022.

Quast T, Andel R, Gregory S, Storch E. (2022) [Years of Life Lost Associated with COVID-19 Deaths in the United States During the First Two Years of the Pandemic](#). *Journal of Public Health*. Volume 44(3):e353–e358.

Select media coverage:

[The High Costs of Biden's Price-Controlled Drugs](#). Reason. 2021-08-31.

* Gonzalez F, **Quast T**. (2022) [The Relationship between Abortion Rates and Economic Fluctuations](#). *Economics and Human Biology*. 44:101120.

Parasher P, Gliksman M, Segarra D, Lin T, Rudmik R, **Quast T**. (2022) [Economic Evaluation of Dupilumab versus Endoscopic Sinus Surgery for the Treatment of Chronic](#)

[Rhin sinusitis with Nasal Polyps.](#) *International Forum of Allergy & Rhinology*. 12(6):813-820.

Quast T, Andel R, Gregory S, Storch E. (2022) [Years of Life Lost Associated with COVID-19 Deaths in the USA During the First Year of the Pandemic.](#) *Journal of Public Health*. 44(1):e20-e25.

Select media coverage:

[Covid Pandemic Has Cost U.S. 3.9 Million ‘Years Of Life’ In Past Year, Study Finds.](#) *Forbes*. 2021-03-08.

[Covid-19 took lives a decade too soon. How much human potential has been lost?](#) *Vox*. 2021-03-17.

[The Years We’ve Lost to Covid.](#) *New York Times*. 2021-04-21.

[The Pandemic: How bad is it really?](#) *Statistical Modeling, Causal Inference, and Social Science* (blog). 2021-04-26.

[The Most Important Number of the Week is 6.4%.](#) *Bloomberg*. 2021-05-01.

[How Did this Many Deaths Become Normal?](#) *The Atlantic*. 2022-03-08.

[The Final Pandemic Betrayal.](#) *The Atlantic*. 2022-04-13.

[COVID Emergency Over, but Hundreds Are Still Dying Weekly.](#) *WebMD*. 2023-05-17.

Quast T, Andel R. (2021) [Excess mortality associated with COVID-19 by demographic group: Evidence from Florida and Ohio.](#) *Public Health Reports*. 136(6):782-790.

Select media coverage:

[Researchers say coronavirus deaths likely under-reported.](#) *West Palm CW34 TV*. 2020-07-10.

Rugs D, Need N, **Quast T**, Hyacinthe M, Hall K, Powell-Cope G. (2020) [An evaluation of the Veterans Health Administration National Nursing Education Initiative.](#) *Nursing Outlook*. 69(2):193-201.

Quast T, Andel R, Gregory S, Storch E. (2020) [Years of Life Lost Associated with COVID-19 Deaths in the United States.](#) *Journal of Public Health*. 42(4):717-722.

Select media coverage:

[The U.S. May Have Lost 2 Million ‘Years Of Life’ From Early Deaths Due To Coronavirus.](#) *Forbes*. 2020-09-28.

[USF research shows impact of lives lost from coronavirus.](#) *Tampa Bay Times*. 2020-09-28.

[Years of Life Lost During the Coronavirus Pandemic.](#) *Bay News 9 TV*. 2020-10-08.

[Tucker Carlson doesn’t know how life expectancy works.](#) *Washington Post*. 2021-07-07.

Quast T. (2020) [Potential Undercounting of Overdose Deaths Caused by Specific Drugs in Vital Statistics Data: An Analysis of Florida.](#) *Drug and Alcohol Dependence.* 207:107807.

Select media coverage:

[Here's Why Florida Knows More About its Drug-Overdose Deaths than the Feds.](#) *Miami Herald.* 2020-01-08.

[Thousands of opioid deaths are never counted by feds, USF study says.](#) *Tampa Bay Times.* 2020-01-09, A1.

[CDC Data May Be Underreporting Scope of Overdose Deaths.](#) *Physician's Weekly.* 2020-01-07.

[Study Finds Federal Overdose Data Under-Reports which Drugs Caused Deaths.](#) *Health News Florida.* 2020-01-23.

* Gonzalez F, **Quast T.** (2020) [Factors Associated with the Timing of Abortions.](#) *Health Economics.* 29(2):223-233.

Quast T, Sadhu A, Andel R. (2019). [The Long-Term Effects of Disasters on Seniors with Diabetes: Evidence from Hurricanes Katrina and Rita.](#) *Diabetes Care.* 42(11):2090-2097.

Select media coverage:

[Adverse Health Effects from Hurricanes may be Long-Lasting.](#) *Reuters.* 2019-09-24.

[Hurricanes Up Mortality Risk for Seniors with Diabetes.](#) *drugs.com.* 2019-09-24.

[Hurricanes and Diabetes.](#) *Beyond the News* (podcast). 2019-09-24.

[Hurricanes Raise Death Risk for Older Diabetics, Even Years Later.](#) *US News & World Report.* 2019-10-11.

Quast T, Feng, L. (2019). [Long-Term Effects of Disasters on Health Care Utilization: Hurricane Katrina and Older Individuals with Diabetes.](#) *Disaster Medicine and Public Health Preparedness.* 13(4):724-731.

Quast T. (2019). [Emergency Department Visits by and Hospitalizations of Senior Diabetics in the Three Years Following Hurricanes Katrina and Rita.](#) *Economics of Disasters and Climate Change.* 3(2):151-160.

Coffman J, Tran T, **Quast T,** Berlowitz M, Chae S.H. (2019). [Cost Conscious Care: Preoperative Evaluation by a Cardiologist Before Low Risk Procedures.](#) *BMJ Open Quality.* 8(2).

Quast T, Bright M, Delcher C. (2019). [The Relationship Between Foster Care Entries and High-Dose Opioid Prescribing and Buprenorphine Treatment.](#) *Addictive Behaviors.* 93:52-58.

Quast T. (2018). [State-Level Variation in the Relationship between Child Removals and Opioid Prescriptions.](#) *Child Abuse & Neglect.* 86:306-313.

Select media coverage:

[4 Ways Opioids Affect Children in Different States](#). *Becker's Hospital Review*. 2018-11-08.

[Opioid Prescriptions and Child Removal Rates with Troy Quast](#). *The Daily Beat* (podcast). 2018-11-08 & 2018-11-09.

[We're a Long Way from Understanding the Opioid Epidemic and this Study Proves it](#). *Scientific Inquirer*. 2019-01-23.

Gregory S, Hall K, **Quast T**, Gatto A, Bleck J, DeBate R. (2018). [Hormonal Contraception, Depression, and Academic Performance among Females Attending College in the United States](#). *Psychiatry Research*. 270:111-116.

Pruitt Z, Emechebe N, **Quast T**, Taylor P, Bryant K**. (2018) [Expenditure Reductions Associated with a Social Service Referral Program](#). *Population Health Management*. 21(6):469-476.

Select media coverage:

[WellCare and USF Team Up for Study on Social Services Patients](#). *Tampa Bay Business Journal* (online). 2018-05-23.

[Health Care Looks Beyond Medicine to Social Factors](#). *The Wall Street Journal*. 2018-09-17.

Storch E, Gregory S, Salloum A, **Quast T**. (2018) [Psychopharmacology Utilization Among Children with Anxiety and Obsessive-Compulsive and Related Disorders Following Hurricane Katrina](#). *Child Psychiatry & Human Development*. 49(4):632-642.

Quast T, Gregory, S, Storch, E. (2018) [Utilization of mental Health Services by Children Displaced by Hurricane Katrina](#). *Psychiatric Services*. 69(5):580-586.

Gregory, S, Kay, B, Smith, J, Hall, K, De Nadai, A, **Quast, T**, Riemann, B, Storch, E. (2018) [Treatment-Refractory Obsessive-Compulsive Disorder in Adults: A Cost-Effectiveness Analysis of Treatment Strategies](#). *Journal of Clinical Psychiatry*. 79(2).

Quast T. (2018) [Healthcare Utilization by Children with Asthma Displaced by Hurricane Katrina](#). *Journal of Asthma*. 55(4):416-423.

Quast T, Storch, E, Yampolskaya S. (2018) [Opioid Prescription Rates And Child Removals: Evidence From Florida](#). *Health Affairs*. 37(1):134-139.

Select media coverage:

[Pasco County opioid survivors, family members speak out as 1 in 5 overdoses are now fatal](#). *ABC Action News (Tampa)*. 2023-01-23.

[Opioid Crisis Herds Kids to Foster Care](#). *Tampa Bay Times*. 2018-01-08, A1.

[The Opioid Crisis' Hidden Victims: Children in Foster Care](#). *US News & World Report* (online). 2018-01-09.

[Increase in Number of Kids in Foster Care Linked to Opioids](#). Fox13 Television (Tampa, FL). 2018-01-09.

[Study: Opioid Woes a Strain on Foster Care](#). *Orlando Sentinel*, 2018-01-11, A1.

[Interview with Dimitri Sotis](#). WTOP Radio (Washington, DC). 2018-01-12.

[Opioid Crisis and Florida Foster Care](#). *The Daily Beat* (podcast). 2018-01-22 & 2018-01-23.

[Opioid Crisis is the Deadliest Drug Crisis in US History](#). Fox Business News: *Making Money with Charles Payne*. 2018-02-07.

[USF Researchers Find Link Between Opioid Prescriptions, Parental Neglect](#). WUSF Radio. 2018-03-29.

Quast T, Gonzalez F. (2017) [Sex Work Regulation and Sexually Transmitted Infections in Tijuana, Mexico](#). *Health Economics*. 26(5):656-670.

Quast T, Gonzalez F, Ziemba R.** (2017) [Abortion Facility Closings and Abortion Rates in Texas](#). *Inquiry*. 54.

Select media coverage:

[What can economic research tell us about the effect of abortion access on women's lives?](#) Brookings Institution. 2021-11-30.

Legal brief citations:

[Thomas E. Dobbs, et al, v Jackson Women's Health Organization on Behalf of Itself and its Patients: Brief of Amici Curiae Economists in Support of Respondents](#). U.S. Supreme Court. 2021-09-20.

[Oklahoma Call for Reproductive Justice, et al, v John O'Connor, Oklahoma Attorney General, et al: Plaintiff's Petition](#). District Court of Oklahoma County. 2021-09-02.

* Gonzalez F, **Quast T.** (2016) [Macroeconomic fluctuations and sexually transmitted infections in Mexico by level of state development](#). *Journal of Developing Areas*. 50(3):221-239.

Quast T, Mortensen K. (2015) [Diabetes care provided to children displaced by Hurricane Katrina](#). *Disaster Medicine and Public Health Preparedness*. 9(5):480-483.

Quast T. (2015) [Quality of Care and Relative Resource use for Patients with Diabetes](#). *American Journal of Managed Care*. 21(6):452-459.

* Gonzalez F, **Quast T.** (2015) [Non-Linearities in the Relationship between Aggregate Income and Mortality Rates](#). *Eastern Economic Journal*. 41:51-69.

Quast T, Gonzalez F. (2014) [Economic Cycles and Heart Disease in Mexico](#). *Social Science and Medicine*. 109:19-25.

Quast T. (2013) [The Patient Protection and Affordable Care Act's Provisions Regarding Medical Loss Ratios and Quality: Evidence from Texas](#). *Journal of Health Care Finance*. 40(1):1-10.

Quast T, Mortensen K. (2013) [Enrollment Patterns in the Texas Medicaid Emergency Waiver Following Hurricane Katrina](#). *Journal of Public Health Management & Practice*. 19(5):S91-S92.

- * Fontenla M, Gonzalez F, **Quast T.** (2012) [A City-Level Analysis of Mortality and the Business Cycle Across Racial and Ethnic Groups](#). *Economics Bulletin*. 32(3):2511-2521.
- Quast T,** Mortensen K. (2012) [Emergency Department Utilization Under the Hurricane Katrina TexKat Emergency Medicaid Waiver](#). *Medicare & Medicaid Research Review* (formerly *Health Care Financing Review*). 2(1):E1-E16.
- * Gonzalez F, **Quast T.** (2011) [Macroeconomic Changes and Mortality in Mexico](#). *Empirical Economics*. 40(2):305-319.
- * Fontenla M, Gonzalez F, **Quast T.** (2011) [Are Recessions Good for Everyone's Health? The Association Between Mortality and the Business Cycle by Race/Ethnicity in the U.S.](#) *Applied Economics Letters*. 18(3):207-212.
- Gonzalez F, **Quast T.** (2010) [Mortality and Business Cycles by Level of Development: Evidence from Mexico](#). *Social Science and Medicine*. 71:2066-2073.
- Quast T.** (2008) [Did Federal Regulation Discourage Facilities-Based Entry into U.S. Local Telecommunications Markets?](#) *Telecommunications Policy*. 32(8):572-581.
- Quast T.** (2008) [Do Elected Public Utility Commissioners Behave More Politically than Appointed Ones?](#) *Journal of Regulatory Economics*. 33(3):318-337.
- Quast T,** Sappington DE, Shenkman E. (2008) [Does the Quality of Care in Medicaid MCOs Vary with the Form of Physician Compensation?](#) *Health Economics*. 17(4):545-550.

5. Funded Grants

5a. External

Co-Investigator. William T. Grant Foundation. [Utilizing Discrete Event Simulation \(DES\) to Improve the Use and Relevance of Research Evidence to Inform School Mental Health Services](#). 2024-2027. \$950,000.

Co-Investigator. Institute of Education Sciences. [Development and Pilot Testing of a Virtual Prevent-Teach-Reinforce Coaching Model \(ePTR Coach\) for Children with or At Risk for Disabilities](#). R324A230118, 2023-2027. \$1,999,017.

Co-Investigator. National Institutes of Health – National Institute on Drug Abuse. [CADENCE - Continuous And Data-drivEN CarE](#). 1R61DA057667-01, 2022-2024. \$678,481

Co-Investigator. Institute of Education Sciences. [Efficacy of Story Friends Vocabulary and Comprehension Curriculum Targeting Preschoolers At-risk for Language and Literacy Difficulties](#). R324A200179, 2020-2025. \$3,298,903.

Co-Investigator. Institute of Education Sciences. [Efficacy of a Selective Intervention to Improve Middle School Students' Subjective Well-Being](#). R305A200035, 2020-2025. \$2,459,918.

Co-Investigator. Institute of Education Sciences. [Modular Approach for Autism Programs in Schools \(MAAPS\)](#). R324A200154, 2020-2024. \$3,299,999.

Co-Investigator. Institute of Education Sciences. [Development and Pilot Testing of Modular-Based Consultation Using Evidence-Based Practices for Teachers of Students With Emotional Disturbance \(MOTIVATED\)](#). R324A200022, 2020-2023. \$1,397,919.

Consultant. Texas Higher Education Coordinating Board Autism Grant Program. Internet-Delivered Cognitive Behavioral Therapy (iCBT) for Anxiety in Youth ASD: A Novel Model to Improve Access to Treatment. 2020-2022.

Principal Investigator. Hillsborough County Health Care Plan. Assessment of Specialist Care. 2020-2021.

Consultant. Office of the State Courts Administrator (USF subcontract). 2018-2019 Early Childhood Court Evaluation Plan. 2018-2019.

Consultant. National Institutes of Health – National Cancer Institute. [A Mixed Methods Study to Explore the Effect of Hurricanes Irma and Maria on Cancer Care in Puerto Rico](#). 2018-2020.

Co-Investigator. National Institutes of Health – National Institute on Aging. [Identifying Novel Predictors of Dementia, Nursing Home Admissions, and Associated Cost](#). 1R21AG059121-01, 2018-2022. \$224,250.

Principal Investigator. National Institutes of Health – National Institute on Aging. [Short- and Long-Term Effects of Disasters on Seniors with Chronic Conditions](#). 5R03AG050065-02, 2016-2018. \$149,500.

Principal Investigator. Healthy Start Momcare Network. Billing Codes and Cost Analysis. 2017. \$15,654.

Principal Investigator. National Institutes of Health – Eunice Kennedy Shriver National Institute of Child Health and Human Development. [Treatment of Displaced, Low Income Children with Chronic Conditions](#).

Initial grant at SHSU: 1R03HD079758-01, 2014-2015. \$77,577

Transferred grant at USF: 7R03HD079758-02. 2015-2017. \$85,440.

Co-Investigator. University of Maryland, Maryland Population Research Center. [The Effects of a Natural Disaster on Health Care Utilization: An Evaluation of the Hurricane Katrina TexKat Medicaid Waivers](#). University of Maryland, Maryland Population Research Center. 2009-2010. \$15,000.

Co-Investigator. Robert Wood Johnson Foundation Center for Health Policy at the University of New Mexico. Do Vulnerable Populations Enjoy Improved Health During Periods of Economic Growth? 2009-2010. \$10,000.

Co-Investigator. Robert Wood Johnson Foundation Center for Health Policy at the University of New Mexico. Analysis of the Relationship between Changes in Income and Mortality for Vulnerable Populations in the U.S. \$10,000. 2008-2009.

5b. Internal

Senior Mentor. Interdisciplinary Team Award. University of South Florida, College of Public Health. Exploring Opioid Prescription Among Latino Cancer Survivors. 2019.

Principal Investigator. Sam Houston State University, College of Business

Administration. Analysis of Memorial Hermann Texas Medicaid Waiver Projects. \$8000. 2014.

Principal Investigator. Sam Houston State University, College of Business Administration. An Analysis of Health Care Quality and Costs. \$8000. 2013.

Principal Investigator. Sam Houston State University, College of Business Administration. Health Care Provided to Hurricane Katrina Evacuees: The TexKat Medicaid Emergency Waiver. \$3000. 2012.

Principal Investigator. Sam Houston State University, Faculty Research Council. Health Care Provided to Hurricane Katrina Evacuees: The TexKat Medicaid Emergency Waiver. \$5000. 2012-2013.

Principal Investigator. Sam Houston State University, Faculty Research Council. Do HMO Profits Influence their Quality of Care? \$5000. 2010-2011.

Principal Investigator. Sam Houston State University, Faculty Research Council. Recessions and Hispanic Mortality: The Case of Mexico. \$18,000. 2009-2010.

Principal Investigator. Sam Houston State University, Faculty Research Council. Does the Financial Performance of Medicaid Managed Care Organizations Influence the Quality of Care They Provide? \$5000. 2007-2008.

6. Honors and Awards

Kelsey Research Foundation 13th Annual Health Services and Outcomes Research Conference. Poster Presentation Competition. 2nd place in “Efficiency” category. 2012.

Kelsey Research Foundation 12th Annual Health Services and Outcomes Research Conference. Poster Presentation Competition. 2nd place in “Equity” category. 2011.

Faculty recognition. Sam Houston State University, Alpha Chi honor society. 2008.

Zabel Award (awarded to graduate student for best dissertation research). University of Florida, Department of Economic. 2005.

Walter-Lanzillotti Dissertation Fellowship. University of Florida, Public Policy Research Center. 2004.

Graduate Student Paper Competition – 2nd Place. Telecommunications Policy Research Conference. 2005.

7. Professional Development

TreeAge Software Training. Healthcare Modeling. Las Vegas, NV. 2018.

Professional Development in Higher Education Leadership Training Program. University of South Florida. 2016-2017. (Competitively-selected program; Nominated by Dean.)

TreeAge Software Training. Healthcare Modeling & Discrete Event Simulation Modeling. Washington, DC. 2016.

National Institutes of Health. Regional Seminar on Program Funding and Grants Administration. Las Vegas. 2009.

Research Data Assistance Center (ResDAC). CMS 102: Conducting Research with Medicaid Claims Data. University of Minnesota. 2008.

8. Presentations

8a. Invited

Quast T. “[Economic Evaluation in Pediatric Healthcare.](#)” University of South Florida, College of Medicine, Department of Pediatrics. Pediatric Grand Rounds. 2025-01-16.

Quast T. “The Short-Term Association between COVID-19 and Dementia: An Analysis of OneFlorida Data.” University of Florida, College of Public Health and Health Professions, Department of Health Services Research, Management, and Policy. Spring Scholar Series. 2023-01-20.

Quast T. Using Large, Administrative Datasets to Conduct Health Services Research. Moffitt Cancer Center, Health Outcomes and Behavior program meeting. 2019-08-01.

Quast T, Storch, E, Yampolskaya S. [Opioid Prescription Rates and Child Removals: Evidence from Florida.](#) Presentation to the Florida Drug Policy Advisory Committee. Tallahassee, FL. 2018-07-19.

Quast T. The Effects of Hurricane Katrina on Child and Senior Health. University of Puerto Rico Centro Comprehensivo de Cancer. 2018-05-17.

Quast T, Gonzalez F, Venanzi A. Factors Associated with the Timing of Abortions. Sam Houston State University. 2018-04-19.

Quast T, Mortensen K. Diabetes Care Provided to Children Displaced by Hurricane Katrina. University of Central Florida, College of Health and Public Affairs. 2015-01-23.

Quast T, Mortensen K. Diabetes Care Provided to Children Displaced by Hurricane Katrina. University of South Florida, College of Public Health. 2014-12-05.

Quast T, Mortensen K. Enrollment and Utilization in the Hurricane Katrina TexKat Emergency Medicaid Waiver. University of Florida, School of Public Health and Health Professions. 2014-10-22.

Quast T, Mortensen K. Enrollment and Utilization in the Hurricane Katrina TexKat Emergency Medicaid Waiver. University of North Texas Health Science Center, School of Public Health. 2014-10-02.

Fontenla M, Gonzalez F, **Quast T.** Are Recessions Good for Everyone’s Health? The Association Between Mortality and Income by Race. University of New Mexico. 2009-12.

Gonzalez F, **Quast T.** Does the Relationship Between Mortality and the Business Cycle Vary by the Level of Economic Development? Evidence from Mexico. University of Houston - Center for Public Policy. 2009-09.

Gonzalez F, **Quast T.** Do Changes in Income Affect Mortality? The Case of Mexico. Mexican National Institute of Public Health. 2008-10.

8.b. Conference

8.b.i. International

Quast T. The Use of Artificial Intelligence in Hospitals. Health Systems Global, Regional Pre-Conference on Research in Health Systems and Services, Panama City, Panama. 2026-02. (Podium)

Quast T, Feng, L. Health Care Utilization by Senior Diabetics after Hurricane Katrina. Western Economic Association Annual Conference. Newcastle, Australia. 2018-01. (Podium)

Gonzalez F, **Quast T.** The Mortality Kuznets Curve: Evidence from Mexico, International Health Economics Association 8th World Congress. Toronto, Canada. 2011-07. (Podium)

Quast T. Is There a Relationship between HMO Quality of Care and Financial Performance? Evidence from Texas HMOs. International Health Economics Association 8th World Congress. Toronto, Canada. 2011-07. (Podium)

Fontenla M, Gonzalez F, **Quast T.** Are Recessions Good for Everyone's Health? The Association Between Mortality and Income by Race. European Conference on Health Economics. Helsinki, Finland. 2010-07. (Poster)

Fontenla M, Gonzalez F, **Quast T.** Are Recessions Good for Everyone's Health? The Association Between Mortality and Income by Race. Western Economic Association Annual Conference. Vancouver, Canada. 2009-07. (Podium)

8.b.i. National

Crowder S., Hoogland A., **Quast T.**, Turner K., Irizarry-Arroyo N., Rodriguez Y., Logue J., Locke F., Jim H. Financial Toxicity Among Chimeric Antigen Receptor T-Cell Therapy (CAR-T) Patients. American Psychosocial Oncology Society 2021. Virtual. 2020-03. (Podium)

Gonzalez F, **Quast T.** Factors Associated with the Timing of Abortions. Southern Economic Association Meetings. Fort Lauderdale, FL. 2019-11. (Podium)

Quast T, Gonzalez F, Ziemba R. Factors Associated with the Timing of Abortions. American Society of Health Economists. Atlanta, GA. 2018-06. (Podium)

Quast T, Gonzalez F, Ziemba R. Abortion Facility Closings and Abortion Rates in Texas. International Health Economics Association 11th World Congress. Boston, MA. 2017-07. (Podium)

Quast T. Improving Child Health in the Aftermath of a Disaster: Medicaid Emergency Waivers. Preparedness Summit. Atlanta, GA. 2017-04. (Poster)

Quast T. Sex Work Regulation and Sexually Transmitted Infections in Tijuana, Mexico. American Society of Health Economists. Philadelphia, PA. 2016-06. (Poster)

Quast T, Mortensen K. Emergency Department Utilization in the Texas Medicaid Emergency Waiver Following Hurricane Katrina. Dynamics of Preparedness: A Public Health Systems Conference. University of Pittsburgh - MIDAS National Center of Excellence. 2012-10. (Podium)

Quast T. Is There a Relationship Between HMO Quality of Care and Profits? Evidence from Texas HMOs. AcademyHealth Annual Research Meeting: Health Economics Interest Group. Orlando, FL. 2012-11. (Poster)

Gonzalez F, **Quast T.** The Relationship between Morbidity and the Business Cycle in Mexico. American Society of Health Economists. University of Minnesota. 2012-06. (Podium)

Quast T. The Relationship Between Quality and Profits for Commercial HMOs.” American Society of Health Economists. Cornell University. 2010-06. (Podium)

Fontenla M, Gonzalez F, **Quast T.** Are Recessions Good for Everyone’s Health? The Association Between Mortality and Income by Race. Western Social Science Association Annual Conference. Albuquerque, NM. 2009-04. (Podium)

Gonzalez F, **Quast T.** Do Changes in Income Affect Mortality? The Case of Mexico, American Society of Health Economists Biennial Conference. Durham, NC. 2008-06. (Podium)

Quast T. Do Changes in Profits Influence the Quality of Care Provided by Medicaid MCOs? American Society of Health Economists Biennial Conference. Durham, NC. 2008-06. (Podium)

Quast T. Do Changes in Profits Influence the Quality of Care Provided by Medicaid MCOs? AcademyHealth Annual Research Meeting. Washington, DC. 2008-06. (Podium)

Quast T. Do Changes in Profits Influence the Quality of Care Provided by Medicaid MCOs? International Industrial Organization Conference. Washington, DC. 2008-05. (Podium)

Gonzalez F, **Quast T.** Do Changes in Income Affect Mortality? The Case of Mexico. Southern Economic Association Meetings. New Orleans, LA. 2007-11. (Podium)

Quast T. Did UNE-P Kill the UNE-L Star? An Analysis of U.S. Regulation of Local Telecommunications Markets. International Industrial Organization Conference. Savannah, GA. 2007-04. (Podium)

Quast T. Are Elected Regulators More Political than Appointed Regulators? American Economic Association Annual Meeting. Chicago, IL. 2007-01. (Podium)

Quast T. An Analysis of the Extent and Means of Entry into Local Telecommunications Markets. International Industrial Organization Conference, Boston, MA. 2006-04. (Podium)

Quast T. An Analysis of the Extent and Means of Entry into Local Telecommunications Markets. Federal Communications Commission Economics Seminar Series. Washington, DC. 2005-11. (Podium)

Quast T. How State Governments Implement Federal Policies: The Telecommunications Act of 1996. Telecommunications Policy Research Conference. Washington, DC. 2005-09. (Podium)

Quast T. How State Governments Implement Federal Policies: The Telecommunications Act of 1996. International Industrial Organization Conference. Atlanta, GA. 2005-03. (Podium)

8.b.ii. Regional

Quast T. Quality of Care and Relative Resource Use for Patients with Diabetes, Florida Association for Healthcare Quality, Tampa, FL, 2016-10. (Poster)

Quast T. Is There a Relationship Between HMO Quality of Care and Profits? Evidence from Texas HMOs, Kelsey Research Foundation 13th Annual Health Services and Outcomes Research Conference, Houston, TX, 2012-11. (Poster)

Quast T, Mortensen K. Emergency Department Usage Under the Hurricane Katrina TexKat Emergency Medicaid Waiver, Kelsey Research Foundation 12th Annual Health Services and Outcomes Research Conference, Houston, TX, 2011-11. (Poster)

Quast T, Sappington DE, Shenkman E. Does the Form of Doctor Compensation Affect the Quality of Care in Medicaid HMOs? Southeastern Health Economics Study Group Annual Meeting, Miami, FL, 2006-10. (Podium)

8c. Other

[Methodological Considerations for Estimating Excess Mortality and Morbidity](#). Webinar hosted by the National Academies of Science, Engineering, & Medicine, Committee on Best Practices in Assessing Mortality and Significant Morbidity Following Large-Scale Disasters. Panelist. 2020-02-20.

[Annual USF Health Interprofessional Education Day: Opioid Crisis – An Interprofessional Approach](#). Panelist. 2019-11-13.

[The Health Effects of Disasters on Children and Seniors: Evidence from Hurricane Katrina](#). Florida Health Grand Rounds webinar series. Sole presenter. 2019-09-10.

[The Relationship Between Opioid Prescriptions and Child Removals](#). Webinar hosted by the North Central Regional Center for Rural Development. Michigan State University. Sole presenter. 2019-05-09.

[Addressing the Impact of the Opioid Epidemic: A Trauma-Informed Cross-Sector Approach](#). National Press Club, Washington, DC. Panelist. 2019-03-19.

[Opioid Prescription Rates and Child Removals: Evidence from Florida](#). Webinar hosted by the Prescription Drug Monitoring Program Training and Technical Assistance Center. Brandeis University. Sole presenter. 2018-02-27.

[Unraveling the Affordable Care Act](#). Expert panel hosted by the Greater Houston Builders Association. The Woodlands, TX. Panelist. 2014-01.

9. Service

9.a. Professional

9.a.i. Editorial Board

[Annals of Public Health and Research](#). 2014 – 2022.

[*Bulletin of the Menninger Clinic*](#). 2018 – present.

[*Journal of Asthma*](#). 2019 – present.

[*Journal of Business Strategies*](#). 2013-present.

9.a.ii. Editorial Review Board

[*Inquiry: The Journal of Health Care Organization, Provision, and Financing*](#). 2017 – 2019.

9.a.iii. Funding Proposal Review

[The Netherlands Organization for Health Research and Development, COVID-19 Research Program](#), 2023.

U.S. Department of Education, Institute of Education Sciences, Research Grant Peer Reviewer, 2021, 2024.

U.S. Department of Justice, Bureau of Justice Assistance. Office of Justice Programs Peer Reviewer. 2019 – present.

Robert Wood Johnson Foundation. Health Data for Action. 2019, 2021, 2024.

Morgan State University, ASCEND Center for Biomedical Research. Proposal Review: Health-Related Community-Based Participatory Research Small Grants Program. 2017.

9.a.iii. Promotion and Tenure Review

University of Central Florida, College of Community Innovation and Education. 2022.

University of Central Florida, College of Community Innovation and Education. 2019.

University of New Mexico, College of Arts and Sciences. 2018.

Florida International University, Robert Stempel College of Public Health & Social Work. 2018.

University of Pittsburgh, Graduate School of Public Health. 2016.

9.a.v. Abstract Review

AcademyHealth Annual Research Meeting. 2017.

American Society of Health Economists (ASHEcon) Annual Meeting. 2019.

International Health Economics Association World Congress. 2011, 2013, 2017, 2019, 2021, 2023, 2025.

9.a.vi. Other

[Mentor – International Health Economics Association](#)

Lola Ibraimova (University of Alberta). 2022-2023.

[AcademyHealth Health Economics Interest Group](#) Advisory Committee. 2019 – 2020.

[Florida Healthy Start MomCare Network](#) Advisory Group. 2019 – 2021.

Robert Wood Johnson Foundation, [National Health Security Preparedness Index](#), Analytic Methodology and Model Design Workgroup. 2017 – present.

Delphi panelist. 2018-02.

Invited participant. Think Tank on Index Measures for Local Jurisdictions, Washington, DC. 2018-03-20.

Invited participant. Local Index Advisory Panel, San Antonio, TX. 2019-01-24.

9.a.vii. Journal Ad Hoc Reviewer

Addiction. 2020.

American Journal of Managed Care. 2013.

American Journal of Public Health. 2017, 2020.

Applied Economics Letters. 2024.

B.E. Journal of Economic Analysis & Policy. 2013.

BMC Health Services Research. 2014.

BMC Public Health. 2026.

Children and Youth Services Review. 2020.

Contemporary Economic Policy. 2010, 2019

Current Diabetes Reviews. 2017.

Diabetes Care. 2019, 2020, 2021, 2022, 2023.

Drug and Alcohol Dependence. 2020.

Drug and Alcohol Dependence Reports. 2023.

Economics and Human Biology. 2018, 2022.

Health Affairs. 2019, 2020, 2021, 2022.

Health Economics. 2007, 2013, 2014, 2017, 2018, 2022, 2023, 2024.

Health Services Research. 2019, 2021.

Inquiry. 2014.

International Journal of Disaster Risk Reduction. 2020.

International Journal of Public Health. 2024.

JAMA Health Forum. 2021.

JAMA Network Open. 2023, 2026.

Journal of Aging & Health. 2023.

Journal of Applied Economics & Policy. 2011, 2017.

Journal of Asthma. 2017, 2018, 2019, 2021, 2022.

Journal of Business Strategies. 2013.
Journal of Emergency Nursing. 2015.
Journal of Media Economics. 2010.
Journal of Economic Management and Strategy. 2009
Journal of Pain Research. 2019.
Journal of Policy Analysis and Management. 2021.
Journal of Public Health Management and Practice. 2018
Journal of Racial & Ethnic Disparities. 2022.
Journal of Regulatory Economics. 2008, 2011, 2012.
Medicare & Medicaid Research Review. 2012, 2014.
Migration Studies. 2012.
Oxford Economic Papers. 2008.
PeerJ – Life & Environment. 2024.
PLOS One. 2018, 2021.
Public Health Reports. 2014.
Regulation & Governance. 2011.
Review of Economics of the Household. 2015.
Review of Industrial Organization. 2013.
Review of Network Economics. 2010.
School Mental Health. 2022, 2023.
Social Service Review. 2020.
Telecommunications Policy. 2007, 2008.

9.b. University

9.b.i. University of South Florida

Judge. USF Health Research Day. 2023, 2025.

Reviewer. Charles Mahan Student Paper Competition. 2022, 2023, 2024, 2025.

Member. MPH (Health Policies & Programs & Health Care Organizations concentrations) Admissions Committee. 2018-present.

Chair. Search Committee. College of Public Health, Department of Health Policy and Management. 2018.

Member. USF Tampa Strategic Planning Team. 2017-2018.

At-Large Member. College of Public Health Faculty Affairs Committee. 2017-2018.

Member. Public Health (Health Services Research concentration) PhD Admissions Committee. 2016-present.

Historian. College of Public Health Faculty Assembly. 2016-2018.

Chair. Ad Hoc Committee on 21st Century Teaching Technologies. College of Public Health. 2015-2016.

9.b.ii. Sam Houston State University

Outside Faculty Member. Search Committee for Professor of Health. 2014.

Chair. Excellence in Research Award Committee. 2013.

Member. Faculty Research Council. 2012-2015.

Faculty Sponsor. MBA Student Association. 2012-2014.

Chair. Program Review Committee for the General Business Major. College of Business. 2012-2013.

Member. Departmental Hiring Committee. Department of Economics and International Business. 2010, 2011, 2013.

10. Teaching

10.a. University

10.a.i. University of South Florida

Graduate courses

Economic Evaluation of Programs and Medical Care. Hybrid.

Quantitative Analysis in Health Care Management. Face-to-face.

Research Methods in Public Health Programs. Face-to-face.

Undergraduate courses

Introduction to Epidemiology. Face-to-face.

Public Health in London. Face-to-face.

Doctoral committee

Major Professor

Joseph Smith (COPH - Health Services Research). 2016-2018.

Amy Gatto (COPH - Health Services Research). 2016-2024.

Teresa Anthony (COPH - Health Services Research). 2022-2025.

Member

Olga Patrova (Economics). 2015-2017.

Jessica Ryan (COPH - Health Services Research). 2015-2017.

Joseph Coleman (Economics). 2016-2018.

Ghadyani Samaneh (Economics). 2017-2019.

Minglu Sun (Economics). 2017-2021.

John Martin (Child & Family Studies). 2019-2025.

Andrew Fiscella (Aging). 2020-2023.

Shafayet Hossain (Big Data Analytics). 2021-2024.

Jingxin Nie (Economics). 2021-2025.

Caroline Mierzwa (Education). 2025-present.
Mohammad Abdullah Al Faisal (Economics). 2025-present.

DrPh committee

Major professor

Justin Doan. 2017-2020.
Julie Ritter. 2021-2024.
Wei Ning Chin. 2023-2025.

Honors thesis advisor

Niharika Baviriseaty. 2017.
Rory Noonan. 2017.
Alexander Venanzi. 2018.
Maria Deng. 2024.

Guest lecturer

DrPH Summer Institute. 2018, 2019, 2020, 2021, 2022, 2023, 2024.
Evaluation and Research Methods. 2019.
Policy and Advocacy. 2019, 2021, 2023.
Population Assessment 2. 2018, 2019, 2020, 2021, 2022, 2023, 2024.
Grant Writing Seminar (MHS 7927). 2023, 2024.

10.a.ii. Sam Houston State University

Graduate courses

Managerial Economics. Face-to-face.
Techniques of Statistical Analysis. Face-to-face.

Undergraduate courses

Health Economics. Face-to-face.
Intermediate Microeconomics. Face-to-face.
Managerial Economics. Face-to-face & Online.
Introductory Business Analysis. Face-to-face.
Intermediate Business Analysis. Face-to-face & Online.

Supervised independent study

Eric Mingle. Undergraduate. 2009.
Jake Moore. Graduate. 2011.
Alejandro Villegas. Graduate. 2012.
Eleonora Kuruc. Graduate. 2012.

Portfolio committee

Member. Valerie Mahfood (Criminal Justice). 2010.

10.b. Professional

Tampa General Hospital. "Analytics Academy". Tampa, FL, 2025-05, 2025-10

Public Utility Research Center / World Bank International Training Program on Utility Regulation and Strategy. Gainesville, FL. 2006.

11. Not Elsewhere Classified

11.a. Other Media Appearances

[Changing Marijuana to Schedule III](#). Spectrum News Tampa . 2025-12-18.

[Cannabis Policy Shift: Dr. Troy Quast on Trump, Marijuana & Public Health](#). NewsRadio 610 WIOD Miami. 2025-12-18.

[Last-minute deal between BayCare, Florida Blue allows 200k to keep doctors – but not everyone is included](#). Fox 13 Tampa News. 2025-10-07.