

# Theodoros V. Giannouchos

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## Professional Appointments

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| 2021-Present | <b>Assistant Professor</b><br>Department of Health Services Policy & Management<br>Arnold School of Public Health, University of South Carolina, Columbia, SC   |
| 2021-Present | <b>Research Faculty/Investigator</b><br>South Carolina Rural and Minority Health Research Center, Columbia, SC  |
| 2021-Present | <b>Adjunct Assistant Professor</b><br>Department of Health Policy & Management<br>School of Public Health, Texas A&M University, College Station, TX  |
| 2020-2021    | <b>Postdoctoral Fellow – Pharmacoeconomics and Outcomes Research</b><br>Pharmacotherapy Outcomes Research Center, L.S. Skaggs Pharmacy Institute<br>College of Pharmacy, University of Utah, Salt Lake City, UT |

## Education

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| 2017-2020 | <b>PhD in Health Services Research - Health Economics concentration</b><br>Department of Health Policy and Management, School of Public Health<br>Texas A&M University, College Station, TX                                     |
| 2015-2017 | <b>MSc in Health Economics and Health Management</b> (summa cum laude - 1 <sup>st</sup> of class)<br>Department of Economics, School of Economics, Business and International Studies<br>University of Piraeus, Piraeus, Greece |
| 2006-2013 | <b>Master in Pharmacy</b> (PharmD equivalent)<br>Department of Pharmacy, School of Health Sciences<br>University of Patras, Patras, Greece  |

## Peer-reviewed Publications

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1. Souliotis, K., Peppou, L., **Giannouchos, T.**, Samara, M., Economou, M., Maltezou, E. Associations between COVID-19 vaccine and mental health outcomes: evidence from a nationwide cross-sectional survey in Greece. *Vaccines*. 2022 Aug. (online, ahead of print)
2. Steletou, E. \*, **Giannouchos, T.**, Karatza, A., Sinopidis, X., Vervenioti, A., Souliotis, K., Dimitriou, G., Gkentzi, D. Parental and pediatricians' attitudes towards COVID-19 vaccination for children: results from nationwide samples in Greece. *Children*. 2022 Aug. (online, ahead of print)
3. **Giannouchos, T.**, Ukert, B., Andrews, C. The Effect of Medicaid Expansion on Emergency Department Visits by Medical Urgency. *JAMA Network Open*. 2022;5(6):e221613.
4. Miliordos, K. \*, **Giannouchos, T.**, Steletou, E., Sanidas, G., Karkania, A., Dimitriou, G., Gkentzi, D. Parental attitudes towards vaccination against COVID-19 of children 5 to 11 years old in Greece. *Journal of Evaluation in Clinical Practice*. 2022 May. (online, ahead of print)
5. Anyatonwu, S. \*, **Giannouchos, T.**, Washburn, D., Gary, J., Ohsfeldt, R., Kum, H.-C. Predictors of Pediatric Frequent Emergency Department Use Among 7.6 million Pediatric Patients in New York. *Academic Pediatrics*. 2022 Aug;22(6):1073-1080.
6. **Giannouchos, T.**, Lumbreras-Gomez, A., Malone, D. Risk of tizanidine-induced adverse events after concomitant exposure to ciprofloxacin: a cohort study in the U.S. *American Journal of Emergency Medicine*. 2022 May;55(5):147-151.

7. Souliotis, K., Peppou, L., Samara, M., **Giannouchos, T.**, Nimatoudis, I., Papageorgiou, C., Leucht, S., Economou, M. The knowledge, perception and mental health impact of the COVID-19 pandemic in the Greek general population. *Archives of Hellenic Medicine*. 2022;39(3):354-365.
8. **Giannouchos, T.**, Brooks, J., Andreyeva, E., Ukert, B. Frequency and Factors Associated with Foregone and Delayed Medical Care due to COVID-19 among Non-Elderly US Adults from August to December 2020. *Journal of Evaluation in Clinical Practice*. 2022 Feb;28(1):33-42.
9. **Giannouchos, T.** Bridging science and policy toward a more responsive health care system beyond the COVID-19 pandemic. *American Journal of Public Health*. 2022 Feb;112(2):197-198.
10. Souliotis, K., **Giannouchos, T.**, Golna, C., Liberopoulos, E. Assessing forgetfulness and polypharmacy and their impact on health-related quality of life amongst patients with hypertension and dyslipidemia in Greece during the COVID-19 pandemic. *Quality of Life Research*. 2022 Jan;31(1):193-204.
11. Maltezou, H., Panagopoulos, P., Sourri, F., **Giannouchos, T.**, Raftopoulos, V., Gamaletsou, M., Karapanou, A., Koukou, DM, Koutsidou, A., Peskelidou, E., Papanastasiou, K., Souliotis, K., Lourida, A., Sipsas, N., Hatzigeorgiou, D. COVID-19 vaccination significantly reduces morbidity and absenteeism of healthcare personnel: a prospective, multicenter, observational study. *Vaccine*. 2021 Oct;39(48):7021-7027.
12. Souliotis, K., Peppou, L., **Giannouchos, T.**, Samara, M., Nimatoudis, I., Papageorgiou, C., Leucht, S., Economou, M. Psychological status, knowledge and perceptions of healthcare professional during the COVID-19 pandemic in Greece: a nationwide cross-sectional study. *Psychiatriki*. 2021 Dec;32(4):271-281.
13. **Giannouchos, T.**, Kum, H.-C., Gary, J., Ohsfeldt, R., Morrisey, M. The effect of the Affordable Care Act Medicaid expansion on frequent emergency department use in New York. *Journal of Emergency Medicine*. 2021 Dec;61(6):479-762.
14. **Giannouchos, T.**, Steletou, E., Saridi, M., Souliotis, K. Should vaccination be mandated? Individuals' perceptions on mandatory vaccination in Greece. *Journal of Evaluation in Clinical Practice*. 2021 Oct; 27(5):1104-1111.
15. **Giannouchos, T.**, Steletou, E., Saridi, M., Souliotis, K. Mandatory vaccination support and intentions to get vaccinated for COVID-19: results from a nationally representative general population survey in October 2020 in Greece. *Journal of Evaluation in Clinical Practice*. 2021 July;27:996-1003.
16. Schmit, C., **Giannouchos, T.**, Ramezani, M., Zheng, Q., Ajayi, K.\*, Kum, H.-C., Morrisey, M. US privacy laws go against public preferences, impeding public health and research. *Journal of Medical Internet Research*. 2021 July;23(7):e25266.
17. Souliotis, K., **Giannouchos, T.**, Peppou, L., Samara, M., Nimatoudis, I., Papageorgiou, C., Economou, M. Public behavior during the COVID-19 pandemic in Greece: a nationwide cross-sectional study. *Inquiry*. 2021 May;58:1-11.
18. **Giannouchos, T.**, Kum, H.-C., Gary, J., Morrisey, M., Ohsfeldt, R. The Effect of Expanded Insurance Coverage under the Affordable Care Act on Emergency Department Utilization in New York. *American Journal of Emergency Medicine*. 2021 October;(48):183-190.
19. Maltezou, H., **Giannouchos, T.**, Dedoukou, X., Tsonou, P., Papadima, K., Mouratidou, E., Hatzigeorgiou, D., Sipsas, N., Souliotis, K. Costs associated with COVID-19 in healthcare personnel in Greece: a cost-of-illness analysis. *Journal of Hospital Infection*. 2021 Aug;114(8):126-133.
20. Beverly, J.\*, **Giannouchos, T.**, Callaghan, T. Examining frequent Emergency Department use among children and adolescents with Autism Spectrum Disorder. *Autism*. 2021 Jul;25(5):1382-1394.
21. **Giannouchos, T.**, Ferdinand, A., Ilangovan, G., Ragan, E., Nowell, B., Kum, H.-C., Schmit, C. Identifying and Prioritizing Benefits and Risks of using Privacy-Enhancing Software: A Nominal Group Technique Study with Patients Living with Chronic Conditions. *Journal of the American Medical Informatics Association*. 2021 Jul; 28(8):1746-1755.
22. **Giannouchos, T.**, Ukert, B., Vozikis, A., Steletou, E., Souliotis, K. Informal out-of-pocket payments experience and individuals' willingness-to-pay for healthcare services in Greece. *Health Policy*. 2021 June;125(6):693-700.
23. **Giannouchos, T.**, Gary, J., Anyatonwu, S.\*, Kum, H.-C. Emergency Department utilization by adolescents experiencing homelessness in Massachusetts. *Medical Care*. 2021 Apr;59(4): S187-S194.
24. **Giannouchos, T.**, Biskupiak, J., Moss, M., Brixner, D., Andreyeva, E., Ukert, B. Trends in Outpatient Emergency Department Visits during the COVID-19 pandemic at a Large, Urban, Academic Hospital System. *American Journal of Emergency Medicine*. 2021 Feb;40(2):20-26.
25. **Giannouchos, T.**, Washburn, D., Gary, J., Foster, M. Frequent Emergency Department use in the pediatric population: a systematic literature review. *Journal of Evaluation in Clinical Practice*. 2021 Feb;27(1):193-203.

26. Farsalinos, K., Bagos, P., **Giannouchos, T.**, Niaura, R., Barbouni, A., Poulas, K. Smoking prevalence among hospitalized COVID-19 patients and its association with disease severity and mortality: an expanded re-analysis of a recent publication. *Harm Reduction Journal*. 2021 Jan;18(9).
27. Farsalinos, K., Poulas, K., Kouretas, D., Vantarakis, A., Docea, A.O., Kostoff, R., Gerotziapas, G., Antoniou, M., Polosa, R., Carvalho, F., Domingo, J., **Giannouchos, T.**, Hartung, T., Tutelyan, V., Aschner, M., Barbouni, A., Yiakoumaki, V., Tsatsakis, A. Improved strategies to counter the COVID-19 pandemic: role of primary and community healthcare. *Toxicology Reports*. 2021;8:1-9.
28. Schmit, C., Ajayi, K.\*, Ferdinand, A., **Giannouchos, T.**, Ilangovan, G., Nowell, B., Kum, H.-C. Communicating to Patients about Software for Enhancing Privacy in Secondary Database Research Involving Record Linkage: A Delphi Study. *Journal of Medical Internet Research*. 2020 Dec;22(12):1-14.
29. **Giannouchos, T.**, Vozikis, A., Koufopoulou, P., Fawkes, L.\*, Souliotis, K. Informal out-of-pocket payments for healthcare services in Greece. *Health Policy*. 2020 Jul;124(7):758-764.
30. **Giannouchos, T.**, Washburn, D., Kum, H.-C., Sage, W., Ohsfeldt, R. Predictors of multiple Emergency Department utilization among frequent Emergency Department users in three States. *Medical Care*. 2020 Feb;58(2):137-145.
31. **Giannouchos, T.**, Mitsikostas, D., Ohsfeldt, R., Vozikis, A., Koufopoulou, P. Cost-effectiveness analysis of Erenumab versus OnabotulinumtoxinA for patients with chronic migraine attacks in Greece. *Clinical Drug Investigation*. 2019 Oct;39(10):979-990.
32. **Giannouchos, T.**, Kum, H.-C., Foster, M., Ohsfeldt, R. Characteristics and predictors of adult frequent Emergency Departments' users in the United States: a systematic literature review. *Journal of Evaluation in Clinical Practice*. 2019 Jun;25(3):420-433.

(\* Indicates mentored student/ MD resident authors)

## Under review Publications

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33. Ukert, B., **Giannouchos, T.** The ACA's Impact on Racial and Ethnic Disparities in Emergency Department Utilization.
34. **Giannouchos, T.**, Pirralo, R., Ukert, B. Evidence on factors associated with persistent multi-year frequent emergency department use in 3 US states.
35. **Giannouchos, T.**, Beverly, J., Christodoulou, I., Callaghan, T. Association between Autism Spectrum Disorder and Suicide-Related Emergency Department Visits.
36. Taleb, I., Kyriakopoulos, C., Koliopoulou, A., Ijaz, N., Demertzis, Z., Peruri, A., Shah, K., Kemeyou, L., Richins, T., Dranow, E., **Giannouchos, T.**, Tang, D., Nemeh, H., Stehlik, J., Fang, J., Selzman, C., Alharethi, R., Caine, W., Cowger, J., Shah, P., Drakos, S. A Multicenter Development and Validation of a Machine Learning Risk Model to Predict Right Ventricular Failure Following Mechanical Circulatory Support: The STOP-RVF score.
37. **Giannouchos, T.**, Crouch, E., Merrell, M., Pearson, W., Brown, M., Harrison S. Rural-Urban and Racial Disparities in Sexually Transmitted Infections in South Carolina.
38. Christodoulou, I.\*, Ukert, B., Vavuranakis, M.\*, Kum, H.C., **Giannouchos, T.** Emergency Department Utilization among Adults with Cancer in Maryland and New York.

## Work in Progress

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1. Panchal, R., **Giannouchos, T.**, Lumbreras-Gomez, A., Brixner, D. Real-world evidence outcomes in the use of trastuzumab in breast cancer: a scoping review.
2. Griffith, K., **Giannouchos, T.**, Garrido, M., Pizer, S., Kolachalama, V., Jack, B., Bor, J. Responses to readmissions penalties: What can we learn about hospital behavior?
3. **Giannouchos, T.**, Ukert, B. Changes in Emergency Department Utilization Among New Health Insurance Coverage Beneficiaries.
4. Souliotis, K., Peppou, L., **Giannouchos, T.**, Samara, M., Economou, M., Maltezos, E. Factors associated with increased compliance to COVID-19 public-health measures in 2021 in Greece.
5. Nwadu, I.\*, **Giannouchos, T.**, Olatosi, B., Ahuja, D. Evaluation of COVID-19 Pandemic on Screening and Positivity Rates of Sexually Transmitted Infections in South Carolina.
6. Steletou, E.\*, **Giannouchos, T.** Diagnostic Value of YKL-40 in Neonatal Infections.

7. Panchal, R., Nguyen, D., Ghule, P., Li, N., **Giannouchos, T.**, Pan, R., Biskupiak, J., Britton, L., Nohavec, R., Slager, S., Ngorsuraches, S., Brixner, D. Understanding Patient Cost-Sharing Thresholds for High and Low-Value Care Towards the Development of a Value-Based Formulary.
8. **Giannouchos, T.**, Pirrallo, R., Olatosi, B., Dietrich, A. Determinants of persistent multi-year frequent emergency department use among children: a retrospective, multistate, hospital-wide, longitudinal study.
9. Gomez-Lumbreras, A., Ghule, P., Panchal, R., **Giannouchos, T.**, Lockhart, C., Brixner, D. Real-world evidence and outcomes in the use of bevacizumab in Age-Related Macular Degeneration (ArMD): a scoping review.
10. Christodoulou, I.\*, Dietrich, A., Steletou, E., Pirrallo, R., **Giannouchos, T.** Emergency Department Utilization among Children with Cancer in Maryland and New York.
11. Maltezou, H., Gamaletsou, M., Koukou, D.M., **Giannouchos, T.**, Sourri, F., Syrimi, N., Karapanou, A., Lemonakis, N., Peskelidou, E., Papanastasiou, K., Panagopoulos, P., Souliotis, K., Lourida, A., Hatzigeorgiou, D., Sipsas, N. Association between COVID-19 vaccination status, time elapsed since the last vaccine dose, morbidity, and absenteeism among healthcare personnel: a prospective, multicenter study.
12. Figas, K., **Giannouchos, T.**, Crouch, E. Child and Adolescent Internalizing Problems Prior to and During the COVID-19 Pandemic.

### Peer-reviewed Abstracts and Posters

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1. **Giannouchos, T.**, Goodwin, M., Kyriakopoulos, C., Drakos, S. Factors Associated with Device-related Readmissions in Advanced Heart Failure Patients on Mechanical Circulatory Support. *American Public Health Association (APHA) Annual Meeting & Expo*, 6-9 November 2022. Boston, MA.
2. Li, N., Panchal, R., **Giannouchos, T.**, Pan, R., Nguyen, D., Nohavec, R., Britton, L., Biskupiak, J., Brixner, D. The Impact of a Statewide Insulin Co-Pay Cap Legislation for Patients with Diabetes in Utah. *Academy of Managed Care Pharmacy, Nexus National Summit*, 11-14 October 2022. National Harbor, MD.
3. Goodwin, M., Kyriakopoulos, C., **Giannouchos, T.**, Mylavarapu, R., Elmer, A., Vance, N., Lawson, S., Selzman, C., Drakos, S. Factors Associated with Readmissions in Advanced Heart Failure Patients and Durable LVAD Support. *3<sup>rd</sup> Rumel Research Symposium*. 31 May 2022. Salt Lake City, UT.
4. Kyriakopoulos, C., Taleb, I., Koliopoulou, A., Ijaz, N., Demertzis, Z., Peruri, A., Shah, K., Kemeyou, L., Richins, T., Hanff, T., Dranow, E., **Giannouchos, T.**, Tang, D., Neme, H., Stehlik, J., Fang, J., Selzman, C., Alharethi, R., Caine, W., Cowger, J., Shah, P., Drakos, S. Multicenter Development and Validation of a Machine Learning Risk Model to Predict Right Ventricular Failure Following Mechanical Circulatory Support: The STOP-RVF score. *U-CARS 2022 10th Annual Utah Cardiac Recovery Symposium*, 24-25 March 2022. Salt Lake City, UT.
5. **Giannouchos, T.**, Merrell, M., Crouch, E. Rural-Urban and Racial Disparities in Sexually Transmitted Infections in South Carolina. *Annual Rural Health Conference*, 10-13 May 2022. Albuquerque, NM.
6. Panchal, R., Li, N., **Giannouchos, T.**, Pan, R., Nguyen, D., Ghule, P., Ngorsuraches, S., Biskupiak, J., Britton, L., Nohavec, R., Slager, S., Brixner, D. Patient and Provider Preferences for Diabetic Medication Attributes in support of a Discrete Choice Experiment to Capture Patient versus Health Plan Value Frameworks. *Academy of Managed Care Pharmacy National Meeting*, 29 March – 1 April 2022. Chicago, IL.  
\* Platinum Medal Poster Award, top 1%
7. Panchal, R., **Giannouchos, T.**, Gomez-Lumbreras, A., Ghule, P., Lockhart, C., Brixner, D. A Scoping Review of Real-World Evidence and Outcomes for Trastuzumab in Breast Cancer. *Academy of Managed Care Pharmacy, Nexus National Summit*, 18-21 October 2021. Denver, CO.
8. Gomez-Lumbreras, A., Ghule, P., Panchal, R., **Giannouchos, T.**, Lockhart, C., Brixner, D. A Scoping Review of Real-World Evidence and Outcomes for Trastuzumab in Breast Cancer. *Academy of Managed Care Pharmacy, Nexus National Summit*, 18-21 October 2021. Denver, CO.
9. **Giannouchos, T.**, Ukert, B. Heterogeneity Among Frequent Emergency Department Users: Evidence on Characteristics and Factors Associated with Persistent and Multi-Year Frequent Emergency Department Use in New York. *AcademyHealth Virtual Annual Research Meeting*, 14-17 June 2021.
10. Anyatonwu, S.\*, **Giannouchos, T.**, Washburn, D., Gary, J., Kum, H.-C., Ohsfeldt, R. Characteristics and Factors Associated with Pediatric Frequent ED Use: An Analysis of 7.6 Million Pediatric ED Patients in New York. *AcademyHealth Virtual Annual Research Meeting*, 14-17 June 2021.

11. Samara, M., Peppou, L., **Giannouchos, T.**, Economou, M., Paschali, A., Souliotis, L. The impact of the COVID-19 pandemic on paramedics' mental health in Greece. *29th European Congress of Psychiatry (EPA Virtual)*, 10-13 April 2021.
12. Peppou, L., **Giannouchos, T.**, Samara, M., Nimatoudis, G., Papageorgiou, C., Economou, M., Souliotis, K. "Young people are not invincible": What drives young people's health behaviours during the COVID-19 pandemic in Greece? *29th European Congress of Psychiatry (EPA Virtual)*. 10-13 April 2021.
13. Ajayi, K.\*, **Giannouchos, T.**, Oniorode, K., Panjwani, S., Barerra, A. Health Information Technology use among women in the United States: implications for the prevention of depression. *72<sup>nd</sup> Annual Conference of the Society for Public Health Education*, 2021.
14. **Giannouchos T.**, Kum, H.-C., Ohsfeldt, R., Gary, J., Morrissey, M. Medicaid Expansion Resulted in Decreased Odds of Frequent Emergency Department Use Among Medicaid Beneficiaries and the Uninsured in New York. *Health Services Research*. August 2020.;55:77.
15. Ajayi, K.\*, **Giannouchos T.**, Ma, P. Age differences in the association between pregnancy and depression among reproductive-aged women. *American Public Health Association (APHA) Annual Meeting & Expo*, 2020, San Francisco, CA.
16. **Giannouchos T.**, Kum, H.-C., Ohsfeldt, R., Gary, J., Morrissey, M. Medicaid Expansion Resulted in Decreased Odds of Frequent Emergency Department Use Among Medicaid Beneficiaries and the Uninsured in New York. *AcademyHealth Virtual Annual Research Meeting*, 2020.
17. **Giannouchos, T.**, Ohsfeldt, R. Cost-effectiveness analysis of erenumab versus topiramate for patients with chronic migraines to identify the cost-effective price threshold in Greece. *Value in Health*. 2019 May;22:S277
18. **Giannouchos, T.**, Ohsfeldt, R. Cost-effectiveness analysis of Erenumab versus Topiramate for patients with chronic migraines to identify the cost-effective price threshold in Greece. *International Society for Pharmacoeconomics and Outcomes Research (ISPOR) Conference*, 2019, New Orleans, LA.
19. **Giannouchos T.** Erenumab in chronic migraines: better outcomes at high cost. *PharmacoEconomics & Outcomes News*. 2019 Jul;833(1):20.
20. **Giannouchos, T.**, Kum, H.-C., Ohsfeldt, R., Morrissey, M. Longitudinal Analysis of the Impact of Medicaid Expansion on Non-Emergent Emergency Department (ED) Use Among Uninsured Frequent ED Users in New York. *AcademyHealth Annual Research Meeting, 2019, Washington, DC*.
21. Kum, H.-C., Ragan, E., **Giannouchos, T.**, Schmit, C., Ilangovan, G., Li, Q. Enhancing Privacy in Record Linkage Studies By Meeting the Minimum Necessary Standard. *AcademyHealth Annual Research Meeting*, 2019, Washington, DC.
22. Olowolaju, S.\*, **Giannouchos, T.**, Kum, H.-C. Demographic and Clinical Characteristics of Frequent Pediatric Emergency Department Users: A Systematic Review and Policy Direction. *AcademyHealth Annual Research Meeting*, 2019, Washington, DC.
23. Koufopoulou, P., **Giannouchos, T.**, Vozikis, A., Steletou, E., Ithakisios, D., Souliotis, K. Informal transactions in the healthcare sector in Greece: results from a quantitative study. Oral presentation. *2<sup>nd</sup> Panhellenic Conference in Technology, Economics and Administration. The development of the Greek healthcare sector: New Applications, Policies, & Challenges*, 2018, Piraeus, Greece.
24. **Giannouchos, T.**, Kum, H.-C., Ferdinand, A., Schmit, C., Ilangovan, G., Ragan, E. Patients' and Stakeholders' Perceptions of Risk and Benefits of the Privacy-Preserving Interactive Record Linkage (PPIRL) Framework. *Advanced Ethical Research (AER) Conference*, 2018, San Diego, CA.
25. Schmit, C., Kum, H.-C., Ragan, E., Ferdinand, A., **Giannouchos, T.** Trusted Third-Party Software Approach to Facilitate Data Disclosures Governed by "Minimum Necessary" Legal Standards in Record Linkage Studies. Round table discussion at the *American Public Health Association (APHA) Annual Meeting & Expo*, 2018, San Diego, CA.
26. Kum, H.-C., **Giannouchos, T.**, Washburn, D., Sage, W., Ohsfeldt, R. Emergency Department Patients who Frequently Visit Three or More Different Hospitals in One Year. *AcademyHealth Annual Research Meeting*, 2018, Seattle, WA.
27. **Giannouchos, T.**, Kum H.-C., Ferdinand, A., Ilangovan, G., Ragan, E. Patients' and Stakeholders' Perceptions of Risk and Benefits of the Privacy-Preserving Interactive Record Linkage (PPIRL) Framework. *AcademyHealth Annual Research Meeting*, 2018, Seattle, WA.
28. Kum H.-C., Schmit, C., **Giannouchos, T.** Understanding the full continuum of identifiable to de-identifiable data in the world of big data to minimize privacy risk in database studies. *Advanced Ethical Research (AER) Conference*, 2017, San Antonio, TX.

29. Kum, H.-C., Schmit, C., Ferdinand, A., **Giannouchos, T.** Controlling privacy risk in database studies for human subject protection (HSP) via a privacy budgeting system. *Advanced Ethical Research (AER) Conference*, 2017, San Antonio, TX.

## Other Publications

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1. Figas, K., **Giannouchos, T.**, Crouch, E. Rural-Urban Differences in Child and Adolescent Access to and Receipt of Mental Health Care Prior to and During the COVID-19 Pandemic: Results from the National Survey of Children's Health. *Rural and Minority Health Research Center Policy Brief*. UoSC. June 2022.
2. **Giannouchos, T.**, Sussman, R., Mier, J.M., Poulas, K., Farsalinos, K. Characteristics and risk factors for COVID-19 diagnosis and adverse outcomes in Mexico: an analysis of 89,756 laboratory-confirmed COVID-19 cases. *medRxiv*. 2020.
3. **Giannouchos, T.**, Giannouchos, A., Christodoulou, I., Steletou, E., Souliotis, K. Shelter in place contained COVID-19 growth rate in Greece. *medRxiv*. 2020 June 9.
4. **Giannouchos, T.**, Kum, H.-C., Foster, M., Ohsfeldt, R. Characteristics and predictors of adult frequent emergency departments users in the United States: a systematic literature review. *PROSPERO*. 2018-CRD42018105014.
5. **Giannouchos, T.**, Washburn, D., Gary, J., Foster, M. Pediatric frequent emergency department users in the US. *PROSPERO*. 2020- CRD42020141483
6. **Giannouchos, T.** Comparative Analysis of Pharmaceutical Expenditure in Greece and the countries of the Eurozone the years 2005-2016. MS Thesis, 2017. Published online (in Greek).

## Media Appearances and Discussion of Research

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1. "Study finds reduction in emergency room visits for non-urgent conditions after Medicaid eligibility expansion". 2022 News. Arnold School of Public Health, University of South Carolina. USA. September 6, 2022. [https://www.sc.edu/study/colleges\\_schools/public\\_health/about/news/2022/ed\\_visits\\_medicaid\\_expansion\\_giannouchos\\_andrews.php#.YxdCVXZBxD8](https://www.sc.edu/study/colleges_schools/public_health/about/news/2022/ed_visits_medicaid_expansion_giannouchos_andrews.php#.YxdCVXZBxD8)
2. "Early in the COVID-19 pandemic, many adults chose to delay or forego medical care". Texas A&M Today. USA. March 14, 2022. <https://today.tamu.edu/2022/03/14/early-in-the-covid-19-pandemic-many-adults-chose-to-delay-or-forego-medical-care/>
3. "Texas A&M study finds about one-third of adults 18-64 put off medical care during early pandemic stages". KBTX3, USA. March 29, 2022. <https://www.kbtx.com/2022/03/30/texas-am-study-finds-about-one-third-adults-18-64-put-off-medical-care-during-early-pandemic-stages>
4. "The pandemic's fingerprint on mental health". LIFO: The Health Book. Special Edition No 1. Greece. March 2022.
5. "Emergency Department Utilization by Adolescents Experiencing Homelessness in Massachusetts". Center of Health Information and Analysis (CHIA). DataMatters. USA. July 2021. <https://www.chiamass.gov/datamatters-july-2021-edition>
6. "More than 7 out of 10 Greek citizens support mandatory vaccination." Athinaiko – Makedoniko Praktoreio Eidiseon. Greece. June 13, 2021. <https://www.amna.gr/home/article/561134/Perissoteri-7-stous-10-Ellines-uper-tou-upochreotikou-emboliasmou>
7. "Emergency Department visits reportedly down during pandemic, including parts of the Brazos Valley." KRHD25, USA. June 01, 2021. <https://www.kxxv.com/brazos/emergency-department-visits-reportedly-down-during-pandemic-including-across-the-brazos-valley>
8. "Vanishing Visitors". VitalRecord News. USA. May 27, 2021. <https://vitalrecord.tamhsc.edu/vanishing-visitors/>
9. "85% YES, vaccination should be mandated." Healthview. Greece. March 31, 2021. <https://www.healthview.gr/95508/85-nai-ston-ypochreotiko-emboliasmo>
10. "Analyzing the use of multiple emergency departments by frequent users." Association of Schools & Programs of Public Health. USA. February 12, 2020. <https://www.aspph.org/texas-am-analyzing-use-of-multiple-emergency-departments-by-frequent-users/>

## Invited talks and Presentations

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1. **Giannouchos, T.** Applied Methodological Frameworks for Health Policy Evaluation. *Master of Science in "Health Economics, Management, and Policy"*, University of Peloponnese. May 2022, Corinth, Greece.
2. **Giannouchos, T.** Evidence-based decision making in health policy: Results and implications from large-scale studies on healthcare utilization during the COVID-19 pandemic in the United States. *47<sup>th</sup> Annual Panhellenic Medical Conference*. May 2021, Athens, Greece.
3. **Giannouchos, T.** The path and transition from Pharmacy to Academia. *Walk Your Career Path, Greek Pharmaceutical Students' Federation*. April 24, 2021.
4. Peppou, L., **Giannouchos, T.**, Samara, M., Nimatoudis, G., Papageorgiou, C., Economou, M., Souliotis, K. "Young people are not invincible": What drives young people's health behaviours during the COVID-19 pandemic in Greece? *29<sup>th</sup> European Congress of Psychiatry (EPA Virtual)*. 10-13 April 2021.
5. **Giannouchos, T.** Dissertating: Identifying, designing, drafting, and successfully defending a doctoral dissertation. *Seminar for Doctoral students, Department of Health Policy & Management, School of Public Health, Texas A&M University*. February 2021.
6. **Giannouchos, T.**, Kum, H.-C., Gary, J., Morrisey, M., Ohsfeldt, R. Medicaid Expansion Resulted in Decreased Odds of Frequent Emergency Department Use Among Medicaid Beneficiaries and the Uninsured in New York. *AcademyHealth Virtual Annual Research Meeting, 2020*.
7. **Giannouchos, T.**, Mitsikostas, D., Ohsfeldt, R., Vozikis, A., Koufopoulou, P. Cost-effectiveness analysis of erenumab as a second-line treatment option for patients with chronic migraines in Greece. *13<sup>th</sup> European Headache Congress*. May 2019, Athens, Greece.
8. **Giannouchos, T.** Applying cost-effectiveness analysis to identify "value-for-money" prices for pharmaceuticals in Greece: an example of alternative preventive treatments for chronic migraines. *Presentation at the MS program in Health Economics & Health Management, Department of Economics, University of Piraeus*. November 2018, Piraeus, Greece.
9. **Giannouchos, T.** The partnership between the healthcare sector and academia. *2<sup>nd</sup> Panhellenic Conference in Technology, Economics and Administration*. The development of the Greek healthcare sector: New Applications, Policies, & Challenges, November 2018, Piraeus, Greece.

## Teaching Activities

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### Courses Taught

#### **Arnold School of Public Health, University of South Carolina**

- 2022, 2023 (Spring)     **Instructor**, Health Economics (HSPM 712-001, Graduate)  
                                 **Instructor**, Health Economics (HSPM 712-J50, Graduate)  
                                 **Instructor**, Health Economics (HSPM 712, MHA professional track)

#### **School of Public Health, Texas A&M University**

- 2018-2020 (Spring)     **Teaching Assistant**, Health Information Management Systems (PHPM 631, Graduate)  
2019 (Fall)             **Co-Instructor**, Introduction to Health Economics (PHPM 661, Graduate)  
2018 (Fall)             **Teaching Assistant**, Introduction to Health Economics (PHPM 661, Graduate)

### Guest Lectures

1. **Giannouchos, T.** Applied Methodological Frameworks for Health Policy Evaluation. *Master of Science in "Health Economics, Management, and Policy"*, University of Peloponnese. May 2022, Corinth, Greece.
2. **Giannouchos, T.** An overview of health policy. *"Foundations of Patient-Centered Care – Pharm 5140"*, PharmD curriculum, College of Pharmacy, University of Utah. November 2020, Utah, USA.

## Grants, Contracts & Funded Research

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|-----------|--|
| 2022-2024 | Rural Health Research Grant Program Cooperative Agreement: Changes in Medicare Fee-for-Services Health Care Expenditures in Rural and Urban Communities after Passage of the Affordable Care Act<br>Funded by: Health Resources & Services Administration (HRSA)/HHS<br>Total Funding: \$2,700,000, Role: Co-Principal Investigator (20.0% Effort) (PI: Elizabeth Crouch)                          |
| 2022-2023 | Big Data Analytics of HIV Treatment Gaps in South Carolina: Identification and Prediction<br>Funded by: National Institute of Allergy & Infectious Diseases (NIAID)/NIH R01<br>Total Funding: \$2,801,299, Role: Co-Investigator (10.0% Effort) (PI: Xiaoming Li)  |
| 2022      | Medicaid Health Home Design on Buprenorphine Receipt<br>Funded by: National Institute on Drug Abuse (NIDA)<br>Total Funding: \$675,093, Role: Co-Investigator (5.0% Effort) (PI: Christina Andrews)  |
| 2021-2022 | Improving STD Prevention and Care Through Partnerships<br>Funded by: Center for Disease and Control (CDC), Department of Health and Human Services<br>Total Funding: \$308,750, Role: Co-Investigator (32.0% Effort) (PI: Elizabeth Crouch)  |
| 2020-2021 | Understanding Patient Cost-Sharing Thresholds for High and Low-Value Care Towards Development of a Value-Based Formulary<br>Funded by: PhRMA Foundation<br>Total Funding: \$100,000, Role: Investigator (PI: Diana Brixner, University of Utah)  |
| 2020-2021 | An Assessment of a Value-Based Model: The Impact of a Statewide Insulin Co-Pay Cap Legislation for Patients with Diabetes in Utah<br>Funded by: Schmidt Futures Foundation's Alliance for the American Dream<br>Total Funding: \$1,000,000, Role: Investigator (PI: Diana Brixner, University of Utah)   |
| 2020-2021 | Development and Validation of a Biosimilar Transition Tool to Assess the Clinical and Economic Impact of Conversion from Originators to Biosimilars in Metastatic HER2 Positive Breast Cancer to Optimize Efficiency across Oncology Practice<br>Funded by: National Comprehensive Cancer Network & Pfizer<br>Total Funding: \$250,000, Role: Investigator (PI: Diana Brixner, University of Utah) |
| 2020-2021 | Association of Clinical Characteristics and Genetic Alterations with NTRK Fusion and NTRK Inhibitor Use<br>Funded by: Bayer Pharmaceuticals, Role: Investigator (PI: Diana Brixner, University of Utah)  |
| 2020-2021 | Real World US Healthcare Burden in Epidermal Growth Factor Receptor (EGFR) Mutation-positive Early-stage Non-Small Cell Lung Cancer<br>Funded by: Astra Zeneca, Role: Investigator (PI: Diana Brixner, University of Utah)   |
| 2020-2021 | Coronavirus disease 2019 (COVID-19) related mental health outcomes and behaviors among the Greek population<br>Funded by: Health Policy Institute of Greece<br>Role: Co-Principal Investigator (PI: Kyriakos Souliotis, University of Peloponnese)   |
| 2020-2021 | Medication adherence and quality-of-life of patients with hypertension and/or dyslipidemia<br>Funded by: Health Policy Institute of Greece & Servier Laboratories<br>Role: Co-Principal Investigator (PI: Kyriakos Souliotis, University of Peloponnese)   |
| 2020-2021 | The Effect of the Affordable Care Act on Racial Disparities in Emergency Department Use<br>Funded by: Study of Free Enterprise (ISFE), University of Kentucky, Summer Research Grant<br>Total Funding: \$15,000, Role: Co-Principal Investigator (PI: Benjamin Ukert, Texas A&M)   |
| 2017-2020 | Privacy Preserving Interactive Record Linkage (PPIRL) via Information Suppression<br>Funded by: Patient-Centered Outcomes Research Institute (PCORI)<br>Total Funding: \$1,020,734, Role: Graduate Research Assistant (PI: H.-C. Kum, Texas A&M)   |



## Mentoring and Advising

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### Graduate

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|-----------|---|
| 2022-2026 | Mehmood Ghassan, PhD Student, Health Services Policy & Management<br>Primary advisor & Mentor, Arnold School of Public Health, University of South Carolina   |
| 2022-2023 | Shamika Jones, PhD Candidate, Health Services Policy & Management<br>Dissertation Committee Member, Arnold School of Public Health, University of South Carolina  |
| 2022      | Landyn Hartford, MHA Candidate, Health Services Policy & Management<br>Second Reader, Arnold School of Public Health, University of South Carolina<br>Michaela Williams, MHA Candidate, Health Services Policy & Management<br>Second Reader, Arnold School of Public Health, University of South Carolina<br>Beth Hayes, MPH Candidate, Health Services Policy & Management<br>Second Reader, Arnold School of Public Health, University of South Carolina<br>Chris Adrian, MPH Candidate, Health Services Policy & Management<br>Second Reader, Arnold School of Public Health, University of South Carolina<br>Briana Thompson Ford, MPH Candidate, Health Services Policy & Management<br>Second Reader, Arnold School of Public Health, University of South Carolina |
| 2021      | Sophia Anyatonwu, PhD Candidate, Health Services Research<br>Dissertation Committee Member, School of Public Health, Texas A&M University   |

### Undergraduate

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| 2022-2023 | Jessica Goddard, Undergraduate Honor Thesis<br>Thesis Director, University of South Carolina |
| 2022      | Andrew Hensing, Undergraduate Honor Thesis<br>Second Reader, University of South Carolina    |

## Professional Service

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### University Services

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|-----------|---|
| 2022-2023 | <b>MHA Admission Committee Member</b><br>Arnold School of Public Health, University of South Carolina   |
| 2021-2022 | <b>Diversity, Equity, and Inclusion Committee Faculty Member</b><br>Arnold School of Public Health, University of South Carolina  |
| 2021-2022 | <b>MPH Admission Committee Member</b><br>Arnold School of Public Health, University of South Carolina   |
| 2018-2020 | <b>Department Head Search Committee Member</b> (student member, appointed by the Dean)<br>Texas A&M Department of Health Policy & Management search for a new department head   |
| 2008-2012 | <b>Co-founder &amp; President at the Greek Pharmaceutical Students' Federation</b><br>Department of Pharmacy, School of Health Sciences<br>University of Patras, Patras, Greece |

### Reviewer Services

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|--------------|---|
| 2020-Present | <i>Medical Care, Health Services Research, European Journal of Public Health, Pediatrics, American Journal of Public Health, Journal of the American Medical Association Network Open, American Journal of Preventive Medicine, The American Journal of Emergency Medicine, The Journal of Headache and Pain, Patient Preference and Adherence, BMC Health Services Research, Health Policy, Journal of Health Services Research &amp; Policy, Inquiry, Canadian Medical Association Journal, BMJ Evidence-Based Medicine, ClinicoEconomics and Outcomes Research, Quality of Life Research, Journal of Evaluation in Clinical Practice, Journal of Medical Economics, Global Health Research and Policy, BMJ Open Quality, BMC Geriatrics, International Journal for Equity in Health, The European Journal of General Practice, American Society of Health Economists (ASHecon), American Public Health Association (APHA), International Society for Pharmacoeconomics and Outcomes Research</i> |
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## Honors & Awards

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|-------------|---|
| 2022        | <b>Platinum Medal Poster Award</b> , Academy of Managed Care Pharmacy National Meeting              |
| 2020        | <b>Dean's Award for Excellence in Public Health</b> , Texas A&M University, School of Public Health |
| 2020        | <b>SPH Award for Excellence in Research</b> , Texas A&M University, School of Public Health         |
| 2020        | <b>The Honor Society of Phi Kappa Phi</b> , Texas A&M University                                    |
| 2017 - 2020 | <b>Full PhD scholarship</b> , Texas A&M University, School of Public Health                         |
| 2019        | <b>PhD travel award</b> , Texas A&M University, School of Public Health                             |
| 2019        | <b>PhD travel scholarship</b> , Texas A&M University, School of Public Health                       |
| 2016        | <b>Top-of-class Scholarship of Academic Excellence</b> , University of Piraeus                      |
| 2011        | <b>Erasmus Program Scholarship, Study Abroad</b> , University of Patras                             |
| 2010        | <b>Travel &amp; Training Award</b> , International Pharmaceutical Students Federation (IPSF)        |

## Other Professional & Research Experience

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|--------------|---|
| 2022-Present | <b>External Research Associate</b><br>Laboratory for Health Policy, Technology, and Behavior Assessment<br>School of Social and Political Sciences, University of Peloponnese, Greece |
| 2021-Present | <b>Research Officer, Health – Greek Chapter</b><br>89 Initiative: the first European think-do tank<br>Brussels, Belgium   |
| 2020-Present | <b>Academic Board Member</b><br>Laboratory of Health Economics and Management (LabHEM)<br>Department of Economics, University of Piraeus, Piraeus, Greece                             |
| 2019-Present | <b>External Consultant</b><br>National Organization for Medicines (EOF)<br>Ministry of Health, Athens, Greece   |
| 2017-2020    | <b>Doctoral Research Assistant</b><br>Population Informatics Lab<br>Department of Health Policy and Management, School of Public Health<br>Texas A&M University, College Station, TX  |
| 2014-2017    | <b>Head Pharmacist</b><br>Community Pharmacies, Athens, Greece  |
| 2014         | <b>Volunteer Pharmacist</b><br>Community Clinic for homeless & below poverty patients (NGO), at Helliniko, Athens, Greece   |
| 2013-2014    | <b>Military Pharmacist</b> (mandatory service)<br>N.I.M.T.Σ. Military Hospital, Athens, Greece  |

## Professional Memberships & Affiliations

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American Society of Health Economists  
International Society for Pharmacoeconomics and Outcomes Research (ISPOR)  
AcademyHealth

## Miscellaneous

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Software: Stata (Primary), SAS (Primary), Tableau, SQL, SPSS, HLM, Qualtrics, Conjoint.ly, REDCap  
Languages: English, German, Greek (Native)