

Chinedum Onyinyechi Ojinnaka
Biomedical Informatics Program
College of Health Solutions
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EDUCATION

- 2016 Ph.D. in Health Services Research, School of Public Health, Dept. of Health Policy and Management, Texas A&M University
- 2013 MPH with an emphasis in Health Policy and Management, School of Rural Public Health, Dept. of Health Policy and Management, Texas A&M University
- 2008 MBBS (MD equivalent in the U.S), College of Medicine, University of Nigeria

CERTIFICATION

- 2016 Certificate in Education & Social Sciences Advanced Research Methods, Texas A&M University
- 2020 The Association of College and University Educators and the American Council on Education Certificate in Effective College Instruction

EMPLOYMENT

- 2018-present Assistant Professor, Biomedical Informatics Program, College of Health Solutions, Arizona State University
- 2016-2018 Postdoctoral Research Associate, Department of Health Sciences, School of Health Professions and Truman School of Public Affairs, University of Missouri
- 2012-2016 Graduate Research Assistant, Southwest Rural Health Research Center, Department of Health Policy and Management, Texas A&M University
- 2010-2011 Medical Officer (General Practitioner), Onne Primary Health Center, Eleme, Rivers State, Nigeria
- 2010 Medical Officer (General Practitioner), Balm of Gilead Specialist Hospital, Maryland, Enugu State, Nigeria
- 2009-2010 House officer (Intern), University of Port-Harcourt Teaching Hospital, Rivers State, Nigeria

PEER-REVIEWED PUBLICATIONS

*Underlined names are graduate students

*Underlined and italicized names are undergraduate students

1. Akinlotan MA, Bolin JN, Weston C, **Ojinnaka CO**, Helduser J, Lichorad A. Mammography screening beliefs and knowledge among a multi-ethnic sample of low income, uninsured women. *Journal of Healthcare for the Poor and Underserved*. In press.
2. Adepoju OE, **Ojinnaka CO**. County-Level Determinants of COVID-19 Testing and Cases: Are there Racial/Ethnic Disparities in Texas? *Population Health Management*. In press.

3. Adepoju O, Liaw W, Chae M, **Ojinnaka CO**, Britton E, Reves S, Etz R. COVID-19 and Telehealth Operations in Texas Primary Care Clinics: Disparities in Medically Underserved Area Clinics. *Journal of Healthcare for the Poor and Underserved*. In press.
4. **Ojinnaka CO**, Adepoju OE, Burgess AV, Woodard L. Factors Associated with COVID-19 related Mortality: The Case of Texas. *J Racial Ethn Health Disparities*. 2020 Nov 9;1-6. doi: 10.1007/s40615-020-00913-5. Online ahead of print.
5. **Ojinnaka CO**, Suri Y. The Role of Medicaid Expansion on Healthcare Access for Individuals living with Chronic Diseases. *Am J Prev Med*. 2020 Aug;59(2):149-156.
6. Heflin C, Hodges L, **Ojinnaka CO**. Administrative Churn in Supplemental Nutrition Assistance Program and Healthcare Utilization Patterns. *Med Care*. 2020 Jan;58(1):33-37.
7. **Ojinnaka CO**, Heflin C. Supplemental Nutrition Assistance Program Size and Timing And Hypertension-Related Emergency Department Claims Among Medicaid Enrollees. *Journal of American Society of Hypertension*. *J Am Soc Hypertens*. 2018 Oct 12
8. Weston C, Akinlotan M, Lichorad A, McClellan D, Helduser J, **Ojinnaka C**, Holland B, Bolin JN. The Impact of Interprofessional Education on Family Medicine Residents' and Family Nurse Practitioners' Knowledge and Confidence in Screening for Breast and Cervical Cancer. *J Am Assoc Nurse Pract*. 2018 Sep;30(9):511-518.
9. Akinlotan M, Bolin JN, Helduser JW, **Ojinnaka CO**, Lichorad A, McClellan DA. Cervical cancer screening barriers and risk factor knowledge among uninsured women. *J Community Health*. *J Community Health*. 2017 Aug;42(4):770-778.
10. **Ojinnaka CO**, McClellan DA, Weston C, Pekarek K, Helduser JW, Bolin JN. Determinants of HPV Vaccine Awareness among Females: Opportunities for Interventions. *Prev Med Rep*. 2017 Jan 16;5:257-262.
11. **Ojinnaka CO**, Luo W, Ory MG, McMaughan, D, Bolin JN. Disparities in Surgical Treatment of Early-Stage Breast Cancer among Female Residents of Texas: The Role of Racial Residential Segregation. *Clin Breast Cancer*. 2017 Apr;17(2):e43-e52.
12. McClellan DA, **Ojinnaka CO**, Pope R, Simmons J, Fuller K, Richardson A, Helduser JW, Nash P, Ory MG, Bolin JN. Expanding Access to Colorectal Cancer Screening: Benchmarking Quality Indicators in a Primary Care Colonoscopy Program. *J Am Board Fam Med*. 2015 Nov-Dec;28(6):713-21.
13. **Ojinnaka C**, Vuong A, Helduser J, Nash P, Ory MG, McClellan DA, Bolin JN. Determinants of Variations in Self-Reported Barriers to Colonoscopy among Uninsured Patients in a Primary Care Setting. *J Community Health*. 2015 Apr;40(2):260-70.

14. **Ojinnaka CO**, Choi Y, Kum H, Bolin JN. Predictors of Colorectal Cancer Does Rurality play a role? *J Rural Health*. 2015 Summer;31(3):254-68.
15. **Ojinnaka CO**, Bolin JN, McClellan D., Helduser JW, Nash P., Ory MG. The role of health literacy and communication habits on previous colorectal cancer screening among low-income and uninsured patients. *Preventive Medicine Reports* 2015 (2), 158-163.

BOOK CHAPTERS

1. Bolin JN, Bellamy G, Ferdinand AO, **Ojinnaka CO**. Volume 1 chapter: Rural Access to Quality Health Insurance. In: eds. *Rural Healthy People 2020: Volume 1*. College Station, TX: Texas A&M University Health Science Center, School of Public Health, Southwest Rural Health Research Center; 2015.
2. **Ojinnaka CO**, Bolin JN, Helduser JW, Nash P, Ory MG, McClellan DA. Volume 2 chapter: Cancer. In: eds. *Rural Healthy People 2020: Volume 1*. College Station, TX: Texas A&M University Health Science Center, School of Public Health, Southwest Rural Health Research Center; 2015.

PAPERS SUBMITTED

1. **Ojinnaka CO**, Christ J, Bruening M. Is there a Relationship between County-Level Food Insecurity Rates and Breast Cancer Stage at Diagnosis. *Nutrition and Cancer*.

PAPERS IN PROGRESS

1. **Ojinnaka CO**, Adepoju OE, Christ J, Burgess V. Persistent Income-related Disparities in Healthcare Access among Individuals Living with Chronic Disease: 2011-2018.
2. Royer MF, **Ojinnaka CO**, Bruening M. Food Insecurity is Related to Disordered Eating Behaviors among College Students.
3. Heflin C, Hodges L, **Ojinnaka C**, Arteaga I. The Population-level Prevalence of Chronic Disease in an older adult SNAP Population.
4. **Ojinnaka CO**, **Bruening M**. Black-White Racial Disparities in Healthcare Utilization and Self-reported Health among Cancer Survivors: the Role of Food Insecurity. *Journal of Cancer Survivorship*.

CONFERENCE PRESENTATIONS

Oral presentation

1. **Ojinnaka CO**, Ballesteros J. Persistent Income-related Disparities in Healthcare Access: the Role of Residence. Paper presented at the 2020 American Public Health Association Annual Meeting and Exposition, Virtual.

2. **Ojinnaka CO, Suri Y.** The Role of Medicaid Expansion on Healthcare Access for Individuals living with Chronic Diseases. Paper presented at the 2019 American Public Health Association Annual Meeting and Exposition, Philadelphia, PA.
3. **Ojinnaka CO, Luo W, McClellan DA, Bolin JN, Ory M.** Hispanic-White Residential Segregation and Stage at Diagnosis among Female Residents of Texas, 2007-2014. Paper presented at the 2018 American Public Health Association Annual Meeting and Exposition, San Diego, CA.
4. **Ojinnaka CO, Luo W, Bolin JN.** Hispanic-White Residential Segregation and Surgical Treatment of Early-Stage Breast Cancer among Female Residents of Texas, 2007-2014. (November 2017). Paper presented at the 2017 American Public Health Association Annual Meeting and Exposition, Atlanta, GA.
5. **Ojinnaka CO, Luo W, Bolin JN.** Hispanic-White Residential Segregation and Surgical Treatment of Early-Stage Breast Cancer among Female Residents of Texas, 1995-2012. (November 2017). Paper presented at the 2017 American Public Health Association Annual Meeting and Exposition, Atlanta, GA.
6. **Ojinnaka CO, Luo W, Ory MG, McMaughan D, Bolin JN.** (November 2016). Disparities in Late-Stage Breast Cancer Diagnosis among Older Female Residents of Texas: Does Travel Distance to Primary Care Providers Matter? Paper presented at the 2016 American Public Health Association Annual Meeting and Exposition, Denver, CO.
7. **Ojinnaka CO, Bolin JN.** (November 2016). Increasing incidence of late-stage cervical cancer diagnosis: Persistent disparities. Paper presented at the 2016 American Public Health Association Annual Meeting and Exposition, Denver, CO.
8. **Ojinnaka CO, Bolin JN.** (November 2015). Predictors of late stage breast cancer diagnosis: A multilevel approach. Paper presented at the 2015 American Public Health Association Annual Meeting and Exposition, Chicago, IL.

Poster presentation

1. Adepoju OE, **Ojinnaka CO.** (October 2020). County-Level Determinants of COVID-19 Testing and Cases: Are there Racial/Ethnic Disparities in Texas? American Public Health Association Annual Meeting and Exposition, Virtual.
2. **Ojinnaka CO, Adepoju OE, Burgess AV, Woodard L.** (October 2020). Factors Associated with COVID-19 related Mortality: The Case of Texas. American Public Health Association Annual Meeting and Exposition, Virtual
3. **Ojinnaka CO, Luo W, Ory MG, Bolin JN.** (September 2019). Hispanic-White Residential Segregation and Breast Cancer Stage at Diagnosis among Female Residents of Texas, 2007-2014. American Association of Cancer Researchers Cancer Health Disparities Conference, San Francisco, California.

4. **Ojinnaka CO**, Cheak-Zamora N. (November 2017). Disparities in Access and Utilization in Healthcare Services for Children with and without Special Needs. Health Sciences Research Day 2017, University of Missouri School of Medicine. (Received the Dean's Award for the School of Health Professions).
5. **Ojinnaka CO**, Luo W, Ory MG, McMaughan D, Bolin JN. (June 2017). Disparities in Surgical Treatment of Early-Stage Breast Cancer among Female Residents of Texas: The Role of Racial Residential Segregation. AcademyHealth Annual Research Meeting, New Orleans, LA.
6. Bolin JN, Lichorad A, McClellan DA, Pekarek K, **Ojinnaka CO**, Weston C, Helduser JW. (November 2016). Innovative partnerships enhance access to breast and cervical cancer among underserved women. American Public Health Association Annual Meeting and Exposition, Denver, CO.
7. **Ojinnaka CO**, Bolin JN. (June 2016). Late stage cervical cancer diagnosis: determinants and trends, 1990-2011. AcademyHealth Annual Research Meeting, Boston, MA.
8. **Ojinnaka CO**, Luo W, McMaughan D, Ory MG, McClellan DA, Horel S, Bolin JN. (June 2016). Rural-Urban Disparities in Stage at Diagnosis of Breast Cancer among Female Residents of Texas: The Place of Other Geographical Characteristics. AcademyHealth Annual Research Meeting, Boston, MA.
9. Bolin JN, McClellan DA, Pope R, Simmons J, **Ojinnaka CO**, Helduser JW, Fuller K, Richardson A, Ory MG. Improving Access to Colorectal Cancer Screening through Innovative Partnerships: a case for primary care endoscopy. AcademyHealth Annual Research Meeting, Boston, MA.
10. McClellan DA, **Ojinnaka CO**, Pope R, Simmons J, Fuller K, Richardson A, Helduser JW, Nash P, Ory MG, Bolin JN. Expanding Access to Colorectal Cancer Screening Services: A Case for Primary Care Endoscopy. (November 2015). Innovations in Cancer Research and Prevention Conference. Austin, TX.
11. **Ojinnaka CO**, Bolin JN. (November 2015). Late stage cervical cancer diagnosis: determinants and trends, 1990-2011. American Public Health Association Annual Meeting and Exposition, Chicago, IL.
12. **Ojinnaka CO**, Bolin JN. (November 2015). Disparities in surgical treatment of breast cancer: the influence of socio-demographic and tumor characteristics. American Public Health Association Annual Meeting and Exposition, Chicago, IL.
13. Bolin J, McClellan D, Helduser JW, **Ojinnaka C**, Nash, BSc P, Vuong A. (December 2013). Colorectal cancer screening for the uninsured/underinsured: Are we reaching rural residents? National Rural Health Association's 19th Annual Rural Multiracial & Multicultural Health Conference in San Antonio, T.

14. **Ojinnaka C**, Bolin J, McClellan D, Helduser J, Nash P. (November 2013). Factors associated with self-reported barriers to colonoscopy among low-income/ underserved patients in a family care setting. 2013 Delta Omega poster session, American Public Health Association 141st Annual Meeting and Exposition, Boston, MA.
15. **Ojinnaka C**, Bolin J, McClellan D, Helduser J, Nash P. (April 2013). Factors associated with self-reported barriers to colonoscopy among low-income/ underserved patients in a family care setting. 8th Annual School of Rural Public Health Research Week – Student Poster Competition, College Station, TX (3rd Position)
16. Bolin J, McClellan D, Ory M, Helduser J, Pinones C, Washington S, **Ojinnaka C**, St. John J. (October 2012). Integrating Community Health Workers into a Colon Cancer Screening Program. Innovations in Cancer Research and Prevention Conference. Austin, TX.
17. Bolin J, McClellan D, Ory M, Helduser J, Pinones C, Washington S, **Ojinnaka C**, St. John J. (October 2012). Integrating Community Health Workers into a Colon Cancer Screening Program. Cancer Prevention and Control Research Network Fall Meeting. Houston, TX.

SPONSORED RESEARCH SUPPORT

Ongoing:

1. **Source:** University of Kentucky Center for Poverty Research
Title: Food Insecurity and Chronic Diseases in Low-income Older Americans: The Role of SNAP Receipt in Medication Underuse
Period: 03/2020-03/2022
Total Cost: \$250,000
Principal Investigator: Arteaga, I
Role: Co-investigator
Cost recognition to Ojinnaka: \$24,000
2. **Source:** Arizona State University Institute for Social Science Research
Title: Ambulatory Care Sensitive Conditions and Food Insecurity among Individuals Living with Chronic Diseases
Period: 06/2020-06/2021
Total Cost: \$7,894
Role: Principal investigator

Completed:

1. **Source:** Equality Health Foundation
Title: Reducing Health Disparities with a Culturally-based Care Model for Medicaid Recipients

Period: 05/2019-05/2020

Total Cost: \$103,267

Role: Principal Investigator

TEACHING

Population Health Informatics, College of Health Solutions, Arizona State University
(Fall 2020)

Introduction to Population Health Management and Analytics, Arizona State University
(Spring 2019, Spring 2020, Spring 2021)

Public Health Informatics, College of Health Solutions, Arizona State University
(Fall 2018, Fall 2019)

Research Methods and Inquiry in Public Affairs, Truman School of Public Affairs, University of
Missouri
(Fall 2017)

STUDENT MENTORING

January 2020- Present Michael Sauer. Biomedical Informatics
Volunteer Undergraduate Research Experience

January 2020- December 2020 Jaelyn Christ. Biomedical Informatics
Volunteer Graduate Research Experience
Class Project

August 2019-May 2020 Jorge Ballesteros. Counselling Psychology.
Graduate Research Assistant.

May 2019-May 2020 Andrew Johnson. Biomedical Informatics.
Graduate Research Assistant.

March 2019-August 2019 Brianna Brevet. Biomedical Informatics.
Class project

January 2019-May 2019 Yash Suri. School of Science for Health Care Delivery.
Graduate Student Assistant

January 2019-May 2019 Meghan Nandan. Biomedical Informatics.
Class project

AWARDS AND RECOGNITION

- Inductee, Alpha Tau chapter of Delta Omega Honorary Society in Public Health (2019)
- Invitee, Robert Wood Johnson Foundation Sharing Knowledge to Build a Culture of Health conference (2019)
- Dean’s Award for the School of Health Professions. Annual University of Missouri School of Medicine Health Sciences Research Day (2017)
- Award for Excellence in Research, Doctoral Level. Texas A&M Health Science Center School of Public Health (2016)
- The Inaugural Dean’s Student Best Paper Award. Texas A&M Health Science Center School of Public Health (2016)
- First place, Health, Nutrition, Kinesiology and Physiology category (Oral), Texas A&M University Student Research Week (2016)
- One of three finalists, student research competition. American Public Health Association, Applied Public Health Statistics Section (2015)
- Texas A&M Health Science Center School of Public Health Research Committee travel award \$1,000 (2015)
- American Public Health Association, Delta Omega Honorary Society Student Poster Session (2013)
- Third Place. Texas A& M School of Rural Public Health Annual Poster Contest (2013)

PROFESSIONAL MEMBERSHIP AND AFFILIATIONS

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| Nigerian Medical Association, member | 2000-2018 |
| American Public Health Association, member | 2013-Present |
| AcademyHealth, member | 2017-2018 |