

UNAI MIGUEL ANDRES, AICP

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<https://unaimiguelandres.org/>

EDUCATION

Indiana University 2020-Present

PhD in Geography

Ball State University May 2017

Master of Urban and Regional Planning

Master of Science in Natural Resources and Environmental Management Dual Master

Thesis: *"Discovering a Biophilic Seoul"*

Lake Superior State University May 2015

B.S. Environmental Science - Policy and Management

Minors: Society and Environment; Geographic Information Systems (GIS)

Senior Research project: *"Drought Impacts on Wheat Productions on the Canadian Prairies"*

PROFESSIONAL EXPERIENCE

**Division of Children's Health Services Research, IU School of Medicine
& Community Health Partnerships (CHeP), Indiana CTSI**

Indianapolis, IN

Data Analyst

December 2021 – Present

- Develop novel analytical methodologies integrating administrative, clinical, geospatial, justice, and social service data to support multidisciplinary population health research.
- Design reproducible data linkage, cohort construction, and longitudinal analytical frameworks that enable rigorous investigation of cardiovascular disease, autism, HIV, trauma, maternal health, homelessness, and food insecurity.
- Lead methodological development for federally funded, state-funded, and foundation-supported research initiatives by designing analytical strategies that transform complex administrative data into scientifically valid research resources.
- Direct data integration, quality assurance, and feasibility assessments for complex research projects and grant proposals involving Medicaid claims, electronic health records, public health surveillance systems, and other administrative data sources.
- Develop geospatial indicators, neighborhood measures, household identification methodologies, and automated GIS workflows supporting analyses of social determinants of health and health disparities.
- Prepare peer-reviewed manuscripts, technical reports, grant applications, scientific presentations, maps, dashboards, and data visualizations for academic, governmental, healthcare, and community partners.
- Collaborate with multidisciplinary investigators, clinicians, governmental agencies, and community organizations to translate complex population data into evidence supporting research, public health practice, and policy development.
- Reviewed competitive research proposals for the Indiana CTSI Trailblazer Award Program (2023–2025) and the Indiana University Indianapolis Chancellor's Community Fellowship and Scholar Awards (2020–2021).

The Polis Center, IUPUI

Indianapolis, IN

GIS & Data Analyst

September 2017 – December 2021

- Developed community trend reports using demographic, socioeconomic, and spatial data.
- Developed partnerships with local and statewide organizations to support research projects.
- Assisted with project proposal development, data identification, and feasibility assessment.
- Led the Food Security and Transportation chapters of the *State of Aging in Central Indiana* report.
- Developed over 24 statewide spatial food access and food security indicators.

- Integrated and maintained updated public, administrative, and third-party datasets using standardized ETL and quality assurance procedures.
- Developed spatial indicators and composite indices for research, planning, and community reports.
- Developed automated GIS workflows for geocoding, geoaggregation, spatial data integration, data validation, and analysis.
- Conducted GIS analyses and developed mapping products for Multi-Hazard Mitigation Plans across 11 Indiana counties.
- Prepared maps, charts, graphics, and data visualizations for public and academic audiences.
- Co-developed nine data literacy training modules for the SAVI program.
- Delivered GIS and data literacy trainings to more than 1,000 faculty, students, and community partners.
- Presented research findings and spatial analyses to community and government organizations.
- Developed standardized data processing workflows, metadata and technical documentation, and quality assurance procedures for recurring statewide spatial datasets.

Community Informatics GIS Technician

June 2017 – September 2017

- Supported the SAVI Community Information System using GIS and database technologies.
- Provided geospatial technology support to community groups.
- Integrated and analyzed spatial datasets for community research projects.

O'Neill School of Public and Environmental Affairs, IUPUI

Indianapolis, IN

Associate Faculty

August 2019 – May 2020

- Co-Instructor for SPEA-V 473 Management, Leadership and Policy (Public Affairs Capstone) Fall 2019 (41 students) and Spring 2020 (48 students)
- Developed and delivered lectures.
- Mentored and guided 9-10 student teams each semester through the steps for conducting community-based projects.
- Developed community partnerships and acquire projects for student teams prior to the beginning of the course with non-profit organizations, local government agencies, & university departments.

Muncie Food Hub Partnership, Ball State University

Muncie, IN

Food Hub Development Assistant

June 2017 – December 2017

- Led the development of the Delaware County Food Security Assessment.
- Represented the organization at various food security community meetings and created relationships with key food resources stakeholders.

Department of Urban Planning, Ball State University

Muncie, IN

Dr. John H. West's Graduate Teaching Assistant

January 2016 – May 2017

- Teaching assistant for PLAN 100 "Intro to Urban Planning" in Spring 2016 (60 students), Fall 2016 (93 students) & Spring 2017 (64 students), PLAN 220 "History & Theory of Planning I" in Fall 2016 (33 students), and PLAN 221 "History & Theory of Planning II" in Spring 2017 (18 students).
- Assisted with coursework development, creation of assignment descriptions, grading rubrics, and class presentations.
- Graded discussion boards, groups assignments and term projects.

Dr. Sanglim Yoo's Summer Research Assistant

May 2016 – August 2016

- Researched the physical aspects of Urban Heat Islands and how to identify them through satellite imagery.
- Identified ways to extract building density through satellite imagery.

Dr. Eric D. Kelly's Graduate Assistant

August 2015 – May 2016

Institute of Public Affairs, Yonsei University

Seoul, Korea

SELECTED PUBLICATIONS

Peer-Reviewed Publications

Published

- Basile, P.; **Miguel Andres, U.**; Cuellar, T.; et al. (2026). Tenant navigation as a critical infrastructure of care. *Urban Geography*, 1–23. <https://doi.org/10.1080/02723638.2026.2622652>
- Wolff, G. S.; Tsoggerel, A.; Hoji, A.; Ross, S.E.; Colbert, J.; **Miguel Andres, U.** et al. (2026) Early Life Food Desert Status Is Associated With Alpha and Gamma-Tocopherol Levels and Infant Lung Function. *Pediatric Pulmonology* 16: 1-7, <https://doi.org/10.1002/ppul.71479>.
- Wiehe, S.E.; Nelson, T.N.; Hawryluk, B.; **Miguel Andres, U.** et al. (2024). Unlocking Success: Community Engagement for Enhanced HIV Care Outcomes. *Research Involvement and Engagement*, 10(1), 127. <https://doi.org/10.1186/s40900-024-00657-0>
- **Miguel Andres, U.**; Mansker, B.; Suttles, S.; Naramore, S. (2024). Understanding the relationship between limited neighbourhood food access and health outcomes of children with obesity. *Pediatric Obesity*, 19(10) <https://doi.org/10.1111/ijpo.13151>

Submitted Under Review

- **Miguel Andres, U.**; McCaskill, T.L.; Wiehe, S; Gharb, S. Eviction Proceedings, Forced Mobility, and HIV Care Continuity. *HIV Medicine*.
- Wiehe, S; **Miguel Andres, U.**; McCaskill, T.L.; et. al. Association of Residential Mobility and HIV Care Engagement and Outcomes in Central Indiana: 2010-2022. *Journal of Acquired Immune Deficiency Syndromes*.
- Wiehe, S.E; McCaskill, T.L.; Aalsma, M.C.; Gharbi, S.; **Miguel Andres, U.**;et al. Healthcare on Hold: Assessing the Effects of Medicaid Enrollment Disruption on HIV Care Outcomes. *BMC Public Health*.

Technical Reports:

- **Miguel Andres, U.**; McNally Keehn, R.; Munn, E.; Gharbi, S.; Ciccarelli, M.; Wiehe, S. (June 2026). *Autism prevalence in Indiana Medicaid-eligible children from 2010-2023*. Report prepared for the Indiana Autism & Developmental Disabilities Monitoring Network Team at the Indiana Department of Health.
- Wiehe, S.; Blackburn, J; **Miguel Andres, U.**; Inderstrod, J; et al. (May 2025). *Indiana Pregnancy Promise Program Evaluation*. https://www.in.gov/fssa/promise/files/WISE-Indiana-TO-049-IPPP-Evaluation-Final-Report_Final.pdf
- Seymour, R., & **Miguel Andres, U.** (April 2025). Food security and resilience among older adults in Central Indiana. *State of Aging in Central Indiana Research Brief*. <https://centralindiana.stateofaging.org/wp-content/uploads/2025/04/SOAR-Food-Security-Research-Brief-COMPLIANT.pdf>
- **Miguel Andres, U.**, McGuire, C., Wynns, W., Bow, B., Guevara, T., Van Allen, E. J., & Thakur, M. (October 2024). Decision 2024 Your Voices, Your Future: Indiana's Healthcare Challenges. *Center for Civic Literacy at IU*. <https://scholarworks.indianapolis.iu.edu/server/api/core/bitstreams/4c4d389f-3443-46c7-b8c8-6c6b5ebf2e7a/content>
- Nannery, R.; Steiner, E.; Smith, S.; **Miguel Andres, U.**; Colbert, J.; Nowlin, M. (November 2021). Equity in Criminal Justice: The Cradle to Prison pipeline in Indianapolis. *SAVI Community Trends; Fall 2021*. <https://savi.org/wp-content/uploads/2024/01/Equity-and-Criminal-Justice-COMPLIANT.pdf>

- Steiner, E.; Nowlin, M.; Townsley, J.; Nannery, R.; **Miguel Andres, U.**; Kandris, S. (March 2021). Equity in Economic Opportunity: How Race, Place, and Class Impact Economic Mobility in Indianapolis. *SAVI Community Trends; Spring 2021*. <https://www.savi.org/wp-content/uploads/2021/03/Equity-in-Economic-Opportunity-Online-PDF.pdf>
- **Miguel Andres, U.**; Nowlin, M.; Tepe, R. (November 2019). Getting Groceries: Food Access Across Groups, Neighborhoods, and Time. *SAVI Community Trends; Fall 2019*. <https://savi.org/wp-content/uploads/2024/01/SAVI-Talks-2019-Final-Draft-Digital-COMPLIANT.pdf>
- Nowlin, M.; **Miguel Andres, U.**; & Davila, K. (June 2019). The Changing Landscape of Poverty. *SAVI Community Trends; Summer 2019*. <https://savi.org/wp-content/uploads/2024/01/The-Changing-Landscape-of-Poverty-reduced-size-COMPLIANT.pdf>
- Davila, K.; Nowlin, M.; & **Miguel Andres, U.** November 2018. Where schools are changing: Regional and neighborhood dynamics from 2010 to 2016. *SAVI Community Trends; Fall 2018*. <https://savi.org/wp-content/uploads/2024/02/Where-Are-Schools-Changing-COMPLIANT-UPDATED.pdf>
- Davila, K.; Nowlin, M.; & **Miguel Andres, U.** June 2018. Neighborhood Change Since 1970: Suburbanization, Gentrification, and Suburban Redevelopment. *SAVI Community Trends; Summer 2018*. <https://savi.org/wp-content/uploads/2024/02/Neighborhood-Change-SAVI-Community-Trends-COMPLIANT.pdf>
- Davila, K.; Nowlin, M.; **Miguel Andres, U.**; & Hollon, D. September 2017. Who Rides the Bus: Examining Transit Ridership in Marion County. *SAVI Community Trends; Fall 2017*. <https://unaimiguelandres.org/wp-content/uploads/2023/10/who-rides-the-bus-savi.pdf>

Research Blogs

- Townsley, J.; **Miguel Andres, U.**; & Nowlin, M. (June 24, 2021). The lasting impacts of segregation and redlining. SAVI. <https://web.archive.org/web/20210729000709/https://www.savi.org/2021/06/24/lasting-impacts-of-segregation/>
- Nowlin, M.; **Miguel Andres, U.**; & Townsley, J. (July 29, 2020). Police Used Force on 1.3 Percent of Black Residents Since 2015. SAVI. <https://web.archive.org/web/20200811154439/http://www.savi.org/2020/07/29/police-use-of-force-doubled-since-2015/>
- **Miguel Andres, U.** (November 29, 2018). Estimated 200,000 Indy Residents Live in Food Deserts. SAVI. <https://web.archive.org/web/20190213054056/http://www.savi.org/2018/11/29/estimated-200000-indy-residents-live-in-food-deserts/>
- **Miguel Andres, U.** (August 22, 2018). With New Park Planned in Fishers, How Do Parks Relate to Property Value?. SAVI. <https://web.archive.org/web/20180907163749/http://www.savi.org/2018/08/22/parks-central-indiana/>
- **Miguel Andres, U.** (June 29, 2018). Turnout, Absentee Ballots Up In Primary Election. SAVI. <https://web.archive.org/web/20180907203854/http://www.savi.org/2018/06/29/turnout-absentee-ballots-up-in-primary-election/>

MEDIA EXPERT MENTIONS & INTERVIEWS

- Radio/Print: Frank, S. (2024, December 30). *Gem City Market needs the community's help to be sustainable*. WYSO. Recording and article: <https://www.wyso.org/news/2024-12-30/gem-city-market-needs-the-communitys-help-to-be-sustainable>
- Radio/Print: Gabriel, E. (2024, December 13). *Big box grocers dominate some markets. That impacts small grocers and food deserts*. Side Effects Public Media. ***Broadcasted through the side effects**

network in at least 5 states.

<https://web.archive.org/web/20250121180643/https://www.sideeffectspublicmedia.org/inequities/2024-12-13/big-box-grocers-dominate-some-markets-heres-how-it-squeezes-out-independent-grocers>

- **Podcast:** Indiana Minority Health Coalition. (2023, May 13). *IMHC Intern - Jacob Heintzelman - Food Deserts*. Minority Health Matters. <https://open.spotify.com/episode/3rPayWefhAiq1Ohzo7BoCa?autoplay=true>
- **Print:** Cheang, K. (2021, October 18). *Old National Bank preventing loan access to Black borrowers could be illegal, expert says*. IndyStar. <https://www.indystar.com/story/news/real-estate/2021/10/18/indiana-old-national-bank-racism-black-borrowers-redlining-discrimination-not-intentional-mortgage/6103101001>
- **Print:** (2021, May 13). *Local universities work to address food insecurity in higher education*. FOX59: <https://fox59.com/news/local-universities-work-to-address-food-insecurity-in-higher-education/>
- **Print:** Cooper, B. (2021, July 1). *Hunger in the heartland*. Indianapolis Recorder. <https://indianapolisrecorder.com/hunger-in-the-heartland/>
- **Print:** Yousry, F. (2021, March 25). *Breaking The Cycle: Why Poverty Can Be A Closed Loop With Few Chances For Escape*. Side Effects Public Media. **also published at Indianapolis Recorder:* <https://web.archive.org/web/20250323180414/https://www.sideeffectspublicmedia.org/community-health/2021-03-25/breaking-the-cycle-why-poverty-can-be-a-closed-loop-with-few-chances-for-escape>
- **Radio/Print:** Yousry, F. (2021, February 25). *With Telemedicine On The Rise, Black Americans Risk Being Left Behind*. Side Effects Public Media. ***Broadcasted through the side effects network at multiple stations:** <https://web.archive.org/web/20251212160842/https://www.sideeffectspublicmedia.org/access-to-healthcare/2021-02-26/with-telemedicine-on-the-rise-black-americans-risk-being-left-behind>
- **Print:** Powell, H. (2021, January 29). *More Than A Quarter of Black Hoosiers Stranded in Food Deserts*. Side Effects Public Media ***Broadcasted through the side effects network at multiple stations:** <https://web.archive.org/web/20260122080949/https://www.sideeffectspublicmedia.org/community-health/2021-01-29/more-than-a-quarter-of-black-hoosiers-stranded-in-food-deserts>
- **Print:** Pak-Harvey, A. (2021, January 28). 'We've been neglected for years': Indianapolis battles food deserts with new food division. <https://www.indystar.com/story/news/local/marion-county/2021/01/28/food-insecurity-indianapolis-launches-division-battle-food-deserts/4213464001/>
- **Radio:** Sheridan, J. (2021, January 12). *Root Causes of Violent Crimes*. WFYI – All IN: <https://www.wfyi.org/programs/all-in/radio/The-Root-Causes-Of-Violent-Crime>
- **Radio/Print:** Yousry, F. (2020, December 29). *New Program Helps People With Diabetes Eat Healthy*. Side Effects Media. Media ***Broadcasted through the side effects network at multiple stations:** <https://web.archive.org/web/20260310010232/https://www.sideeffectspublicmedia.org/personal-health/2020-12-29/new-program-helps-people-with-diabetes-eat-healthy>
- **Print:** Sheridan, J. (2020, November 20). *Pandemic Fuels Increasing Food Insecurity In Indianapolis*. WFYI: <https://www.wfyi.org/news/articles/pandemic-fuels-increasing-food-insecurity-in-indianapolis>
- **TV video & Print:** (2020, April 10). *Hoosiers receiving help to buy groceries lack no-contact options, state exploring possibilities*. Fox59: <https://fox59.com/news/hoosiers-receiving-snap-benefits-for-groceries-lack-no-contact-options-state-exploring-possibilities/>
- **Podcast:** Across the Aisle. (2020, March 13). *A Spaniard takes the Food Desserts and Gentrification of Indy*. <https://open.spotify.com/episode/60hkvhTxzpPL1cTX73SYKS>

- Radio/Print: Benson, D. (2019, November 27). *New Report Shows 208,000 Indianapolis Residents Live In Food Deserts* WFYI - <https://www.wfyi.org/wfyi-news/2019-11-27/new-report-shows-208000-indianapolis-residents-live-in-food-deserts>
- Radio/Print: Benson, D. (2019, November 5). *Nearly 200,000 Residents in Marion County Are Hungry. What's The Solution?* WFYI - <https://www.wfyi.org/news/articles/nearly-200000-residents--in-marion-county-are-hungry-whats-the-solution>
- TV video & Print: Crash, M. (2019, January 31). *Research finds an estimated 200,000 Indy residents live in food deserts.* FOX59: <https://fox59.com/news/research-finds-an-estimated-200000-indy-residents-live-in-food-deserts/>

SELECTED PRESENTATIONS & TALKS

- Presenter, (2026 March 5) *Tackling Heart Disease: A Multi-Faceted Approach in Indianapolis.* Recording: <https://centralindiana.stateofaging.org/2024/09/27/food-security-and-older-adults/>
- Presenter, (2024 November 14) *Building Resilience: Food Security and Community Support for Older Adults in Central Indiana.* Recording: <https://centralindiana.stateofaging.org/2024/09/27/food-security-and-older-adults/>
- Invited Presenter. (2024 April 19) *Developing Inequality: The Role of gentrification and Redlining in Shaping Food Access Across Indiana.* Ostrom Workshop's Food and Agrarian Systems Seminar.
- Invited Presenter. (December 8, 2022). *Faith, Hope, & Love 87th Table Talk.* Recording: <https://www.youtube.com/watch?v=n7U7VTpV6bw>
- Invited Panel Discussant. (2021, April 6). *Poverty & Wealth: Outlook on Poverty in Indianapolis.* Leadership in Indianapolis.
- Invited Panel Discussant. (2021, May 13). *Faith, Hope, & Love 68th Table Talk: Hunger in Education.* Recording: <https://www.youtube.com/watch?v=wjrmVaxcOHs>
- Invited Presenter. (2020, November 12). *Faith, Hope, & Love 62nd Table Talk: Practical and Spiritual Aspects of Hunger.* Recording: <https://www.youtube.com/watch?v=vwdOvipD8So>
- Invited Presenter & Panel Discussant. (2020, September 29). *Living the Legacy – Making it Local.* Recording: https://www.youtube.com/watch?v=__g-phpvBCK
- Invited Presenter. (2020 April 9). *Faith, Hope, & Love 55th Table Talk: Inspire your Generation.* Recording: <https://www.youtube.com/watch?v=jBL7AXEck5Y>
- Invited Presenter & Panelist. (2020, February 17). *Faith, Hope, & Love 53rd Table Talk: Hunger in Education.* Summary recording: <https://www.youtube.com/watch?v=xUqUmMdbAso>
- Invited Presenter & Panelist. (2019, May 10). *When Business and Science Meet: The Impact on our Plate and Healthcare.* Kelley School's Center for the Business of Life Sciences' Intersection of Food, Diet and Healthcare conference, Indianapolis, IN.
- Invited Presenter. (2019, January 30). *Mapping Food Deserts.* Indy Food Council System Shift Series, Indianapolis, IN.

SERVICE

Tabletop Gaymers Inc.

Board of Directors, Director of Engagement
Gen Con

National
February 2023 – Present
February 2023 – Present

American Planning Association, ENRE Division

Secretary/Treasurer
Communications chair

National
January 2021 – April 2023
November 2017 – December 2020

Muncie-Delaware Clean & Beautiful

Board of Directors Member

Muncie, IN
October 2016 – November 2017

Ball State University College of Architecture & Planning IT Committee

Muncie, IN

Member

BSU Urban Planning Chair's Advisory Board

1st year Master Student Representative

LSSU Student Government

Representative | Discretionary Funding Committee

LSSU Curriculum Committee

Student Representative

LSSU General Education Committee

Student Representative

Sep 2015 – May 2016

Muncie, IN

Sep 2015 – May 2016

Sault Ste. Marie, MI

Jan 2013 – April 2015

Sault Ste. Marie, MI

Mar 2013 – April 2015

Sault Ste. Marie, MI

Sep 2013 – April 2015

HONORS & AWARDS

- September 2025. Deb Cowley Staff Leadership Award. Indiana University School of Medicine.
- Fall 2023-Summer 2024. Irsay Fellow. IU Irsay Institute.
- November 2019. Annual Meeting Enrichment Fund Award. American Association of Geographers (\$495).
- Spring 2017. 2016-2017 Outstanding Graduate Assistant Award. BSU, Department of Urban Planning.
- Fall 2016. Travel Fund. BSU, Department of Urban Planning. (\$150)
- Spring 2016. Student Grant. APA International Division. (\$1,000).
- Spring 2016. ASPIRE Student Research Grant. BSU, Sponsored Projects Administration. (\$450).
- Fall 2015- Spring 2017. Graduate Assistantship, Ball State University Department of Urban Planning.

SOFTWARE SKILLS

- GIS software including ArcGIS Desktop, ArcGIS Pro, ArcGIS online, and spatial interoperability tools including FME & model builder.
- Microsoft technology tools including processing tools (Access, Visual Studio) analysis tools (Tableau, PowerBI, Excel) and project management (Teams, Project, Forms)
- Statistical analysis software (STATA, R).
- Graphics software packages including Adobe Photoshop, Illustrator, and InDesign.

PROFESSIONAL MEMBERSHIPS

- American Association of Geographers (2019-Present)
- American Planning Association (APA) (2015-Present)
 - a. APA Food Division (2020-present)
 - b. APA Natural Resources Division (2016 -Present)
 - c. APA Hazard Mitigation & Disaster Recovery Division (2017-Present)
 - d. APA International Division (2015- 2019)
 - e. APA Indiana Chapter (2015-Present)

PROFESSIONAL CERTIFICATIONS

- AICP (January 2024 – Present)