

# Prasad B. Bhoite

## CONTACT INFORMATION

*Green Family Foundation NeighborhoodHELP,*  
Herbert Wertheim College of Medicine  
Florida International University  
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## EDUCATION

M.S.	<i>Data Science and Artificial Intelligence</i> School of Computing and Information Sciences Florida International University, Miami, FL	2022
M.P.H.	<i>Epidemiology</i> Robert Stempel College of Public Health and Social Work Florida International University, Miami, FL	2016
M.B.A.	<i>Healthcare Administration</i> School of Healthcare Administration, Pune, India	2014
B.H.M.S.	<i>Bachelor of Homoeopathic Medicine and Surgery</i> L.M.F.'s Homoeopathic Medical College, Pune, India	2009

## ACADEMIC POSITIONS/EMPLOYMENT

06/2016 – present	<i>Data Scientist</i> <i>Green Family Foundation NeighborhoodHELP,</i> Herbert Wertheim College of Medicine, Florida International University, Miami, FL.
04/2015 – 06/2016	<i>Graduate Assistant</i> Office of Analysis and Information Management, Florida International University, Miami, FL.
10/2014 – 04/2015	<i>Student Assistant</i> Herbert Wertheim College of Medicine, Florida International University, Miami, FL
05/2009 – 07/2014	<i>Clinical Assistant</i> 'PRAYAS' NGO Amrita Clinic, Pune, India
01/2009 – 12/2009	<i>Resident</i> Mankar Pediatric Hospital, Pune, India
07/2008 – 12/2008	<i>Resident</i> Madhukar General Hospital, Pune, India

## **ADDITIONAL TRAINING/CONTINUING EDUCATION:**

- 2024            FIU-RCMI: Machine Learning Modeling with the R Tidymodels Ecosystem: Who Knows, Who Cares, Why Bother..." Conducted by Dr. Raymond Balise. In-person One-day workshop on February 02, 2024.
  
- 2023            Microsoft Azure Data AI: Machine Learning in a day Workshop. Conducted by Shawn Nakhostin. (Microsoft Trainer) Virtual One-day workshop on February 28, 2023.
  
- 2023            Amazon Web Services (AWS) Machine Learning & AWS Sagemaker Immersion Day Workshop. Conducted by Steve Fu & Kas Parthasarathy (Amazon Trainers). Virtual One-day workshop on February 10, 2023.
  
- 2022            Introduction to Quarto Reports and Notebooks: Literature Computing in R, Python, or Julia, organized by Section on Statistical Programmers and Analysts, conducted by Dr. Gabriel Odom. Virtual Half-day workshop.
  
- 2022            Azure Cloud Week- Data & Synapse DP-900: Microsoft Azure Data Fundamentals, Instructor guided, virtual 4-day workshop.
- 2022            Azure Cloud Week- Data & Synapse PL-300 Power BI Data Analyst Associate, Instructor guided, virtual 4-day workshop.
  
- 2022            SQL Conference: Writing T-SQL—Learn to Write Better Queries. Instructor guided, virtual 4-day workshop.
  
- 2022            Azure Cloud Week- Developer week: Microsoft Azure AI Fundamentals, Instructor guided, virtual 1-day workshop
  
- 2020            Microsoft PowerBI Training Workshop- Conducted by Mr. Jeffrey Smith (Microsoft Trainer) on August 11 and 13, 2020.
  
- 2020            “Tearing down barriers to Publication”, R Markdown workshop, FIU-RCMI professional development 1 day workshop by Dr. Raymond Balise and Layla Bouzoubaa, Miami, FL.
  
- 2019            Intermediate and Advanced Topics in Logistic Regression, 1 day workshop by Dr. David W. Hosmer, Miami, FL.
  
- 2017            Data Visualization, 1 day workshop by Dr. Edward Tufte, Miami, FL

## PUBLICATIONS

### PubMed

<https://pubmed.ncbi.nlm.nih.gov/?term=Prasad+Bhoite&size=200>

### Google Scholar

<https://scholar.google.com/citations?hl=en&user=2M3FA64AAAAJ>

### Peer Reviewed Journal Articles (Total: 19)

1. Schneider G, Bisschops J, **Bhoite P**, Moulik S: *Making It Active: A Cohort Study of a Large-Group Active Learning Session to Improve Nutrition-Related Knowledge and Skills for Second-Year Medical Students*. Submitted to Journal of Medical Education and Curricular Development
2. Ovalles Lacruz A, Valle MS, Santoyo K, Clarke RD, **Bhoite P**, Alarcon LN. Empowering Future Physicians: Enhancing Naloxone Competency through Early Harm Reduction Training in Medical Education. *MedEdPORTAL*.2025;21:11499. [https://doi.org/10.15766/mep\\_2374-8265.11499](https://doi.org/10.15766/mep_2374-8265.11499)
3. Stumbar S, Khamisani N, **Bhoite P**, Uchiyama E, Stevens M, Saunders J, Davis A, Garba N: Abdominal Pain in a Gender-Diverse Patient: A Standardized Patient Case for Second-Year Medical Students. *Cureus* (2025). <https://doi.org/10.7759/cureus.77873>
4. Desai A, Rodriguez P, Castro G, **Bhoite P**, Bisschops J, Varella M: Factors Influencing Timely Follow-up After Inconclusive Screening Mammograms at a 3D Mobile Mammography Center. *Cureus* (2024). <https://doi.org/10.7759/cureus.69213>
5. Garza K, Latta S, Larancuent C, Fu K, Brown- Whalen A, Eskra J, Baker J, Helbig S, Maya J, Samarah H, Mondesir R, Desamour P, Busatto C, Brito S, **Bhoite P**, Anderson F: Medical Students' Efforts to Address COVID-19 Vaccine Hesitancy Through Motivational Interviewing. *Cureus* (2024). <https://doi.org/10.7759/cureus.65755>
6. Roshan M, O'Connell R, Nazarally M, Rodriguez de la Vega P, **Bhoite P**, Bisschops J, Varella M: Bridging Gaps: Analyzing Breast Imaging-Reporting and Data System (BI-RADS) 0 Rates and Associated Risk Factors in Disproportionally Affected Communities. *Cureus* (2024). <https://doi.org/10.7759/cureus.61495>
7. Nusynowitz J, Jamneshan L, **Bhoite P**, Garba N, Samuels M, Stumbar S: Medical Students' Knowledge and Perceptions of Mpox in a High Incidence Region: Implications for Clinical Preparedness. *PRiMER* (2023). <https://doi.org/10.22454/%2FPRiMER.2023.120676>
8. Mayhew M, Denton A, Kenney A, Fairclough J, Ojha A, **Bhoite P**, Hey M, Seetharamaiah R, Shaffiey S, Shneider G: Social deprivation, the Area Deprivation Index, and emergency department utilization within a community-based primary and preventive care program at a Florida medical school. *J Public Health (Berl.)* (2023). <https://doi.org/10.1007/s10389-023->

9. Stumbar SE, Garba NA, de la Cruz M, **Bhoite P**, Uchiyama E.: Integration of Sex and Gender Minority Standardized Patients into a Workshop on Gender-Inclusive Patient Care: Exploring Medical Student Perspectives. *South Med J*. 2022 Sep;115(9):722-726. <https://doi.org/10.14423/smj.0000000000001435>
10. Garba NA, Sacca L, Clarke R, **Bhoite P**, Buschman J, Oller V, Napolitano N, Hyppolite S, Lacroix S, Archibald A, Hamilton O, Ash T, Brown DR.: Addressing Food Insecurity during the COVID-19 Pandemic: Intervention Outcomes and Lessons Learned from a Collaborative Food Delivery Response in South Florida's Underserved Households. *Int J Environ Res Public Health*. 2022 Jul 2;19(13):8130. <https://doi.org/10.3390/ijerph19138130>
11. Garba NA, Anderson F, Schneider GW, Bisschops J, **Bhoite P**, Lage OO, Sackstein R, Brown DR.: Caring for Vulnerable Communities in Miami Dade County during the COVID-19 Pandemic. *J Health Care Poor Underserved*. 2021;32(2):598-606. <https://doi.org/10.1353/hpu.2021.0088>
12. Stumbar SE, Garba NA, de la Cruz M, **Bhoite P**, Holley M, Adams C, Virani A, Kale N.: Sexual Health Teaching in the Family Medicine Clerkship: Results of a CERA Survey. *PRiMER*. 2021 Jul 9;5:29. <https://doi.org/10.22454/primer.2021.503960>
13. Stumbar SE, Garba NA, Stevens M, Gray E, Uchimaya E, **Bhoite P**.: Using a Hybrid Lecture and Small-Group Standardized Patient Case to Teach the Inclusive Sexual History and Transgender Patient Care. *South Med J*. 2021 Jan;114(1):17-22. <https://doi.org/10.14423/smj.0000000000001197>
14. Sairenji T, Stumbar SE, Garba NA, **Bhoite P**, de la Cruz MS, Stubbs C, Emerson J, Babalola D, Kelley D, Everard KM.: Moving Toward a Standardized National Family Medicine Subinternship Curriculum: Results From a CERA Clerkship Directors Survey. *Fam Med*. 2020 Jun;52(7):523-527. <https://doi.org/10.22454/fammed.2020.209444>
15. Stumbar SE, Garba NA, **Bhoite P**, Ravelo N, Shringarpure N.: Pilot Study of a Free Long-Acting Reversible Contraception Program on a Mobile Health Center in Miami Dade County, Florida. *J Immigr Minor Health*. 2020 Apr;22(2):421-425. <https://doi.org/10.1007/s10903-019-00937-y>
16. Schneider G, Gillis M., Kirchmer K, **Bhoite P**, Castellanos N.: Guests, hosts, and teaching the ethics of service learning in medicine. *International Journal of Ethics Education* **5**, 67–82 (2020). <https://doi.org/10.1007/s40889-019-00080-0>
17. Ward-Peterson M, Fennie K, Mauck D, Shakir M, Cosner C, **Bhoite P**, Trepka MJ,

Madhivanan P.: Using multilevel models to evaluate the influence of contextual factors on HIV/AIDS, sexually transmitted infections, and risky sexual behavior in sub-Saharan Africa: a systematic review. *Ann Epidemiol.* 2018 Feb;28(2):119-134.

<https://doi.org/10.1016/j.annepidem.2017.11.006>

18. **Bhoite P**, Griffin I, Madhivanan P. Letter to the Editor: Robotic assisted hysterectomy in obese patients: a systematic review. *Arch Gynecol Obstet.* 2016 Aug;294(2):433-4.  
<https://doi.org/10.1007/s00404-016-4121-y>
19. Madhivanan P, Pierre-Victor D, Mukherjee S, **Bhoite P**, Powell B, Jean-Baptiste N, Clarke R, Avent T, Krupp K.: Human Papillomavirus Vaccination and Sexual Disinhibition in Females: A Systematic Review. *Am J Prev Med.* 2016 Sep;51(3):373-83.  
<https://doi.org/10.1016/j.amepre.2016.03.015>

#### *Conference Proceedings Papers (Total: 2)*

1. **Bhoite P**, Clark C, Patel K, Clarke R, Garba N.: Effortless Access to Household Pulse Survey Datasets with 'hpsr': An R Data Package. In Joint Statistical Meeting 2024 (JSM) Proceedings, Section for Statistical Programmers and Analysts. Portland, Oregon. (2024, August 14). <https://doi.org/10.5281/zenodo.13323731>
2. Williams R, Alonso M Jr, **Bhoite P**, Veledar E, Bursac Z. (2020). A Comparison of Machine Learning Models for Mortality Prediction: NHANES III. In JSM Proceedings, Section on Statistical Learning and Data Science. Alexandria, VA: American Statistical Association. 2320-2325.

#### *Conference Abstracts (Total: 31)*

1. **Bhoite P**, Clark C, Patel K, Clarke R: Factors Influencing Hypertension Control in Patients from a Medical School Service-Learning Program: An Exploratory Analysis. In: 2025 American Public Health Association, Annual Meeting & Expo, 2025 Nov 2- Nov 5; Washington, District of Columbia (DC). (Accepted Abstract- Poster Presentation)
2. **Bhoite P**, Gonzalez I, Clarke R, Wilson C, Cespedes T, Hein M, Clark C, Bursac Z, Garba N, Brown D: Impact of a Community-Based Health Intervention on Emergency Department Visits: A Longitudinal Analysis. In: 2025 Baptist Health Academic Conference, 2025, April 23.
3. **Bhoite P**, Clark C, Patel K, Clarke R, Garba N: Effortless Access to Household Pulse Survey Datasets with {hpsr}: An R Data Package. In: 2024 Joint Statistical Meeting, American Statistical Association. 2024 August 3-8; Portland, Oregon (OR), USA.

4. Desai A, Rodriguez P, Castro G, **Bhoite P**, Bisschops J, Varella M: Assessing Key Factors for Timely Follow-up after Inconclusive Screening Mammograms within Patients of the Linda Fenner Mobile Mammography Center. In: FIU Herbert Wertheim College of Medicine's 10<sup>th</sup> Annual Research Symposium. 2024 April 19th; Miami, Florida (FL), USA. **[Won the best poster award]**
5. Tapia A, Pereslete A, Siretskiy R, Merlino E, Jim C, Clarke R, **Bhoite P**, Bisschops J: Empowering Medical Students to Deliver Breast Health Education: A Community-Based Initiative. In: 41st Annual Miami Breast Cancer Conference, 2024, March 08; Miami, Florida (FL), USA.
6. Roshan M, O'Connell R, Nazarally, Rodriguez P, **Bhoite P**, Bisschops J, Varella M: Inconclusive Mammograms in Mobile Mammography Center: Implications for Breast Cancer Detection in Uninsured Women. In: National Consortium of Breast Cancers (NCoBC) 2024 at the 33rd Annual Interdisciplinary Breast Center Conference, 2024 March 15th -19th; Las Vegas, Nevada (NV), USA.
7. Desai A, Rodriguez P, Castro G, **Bhoite P**, Bisschops J, Varella M: Assessing Key Factors for Timely Follow-up after Inconclusive Screening Mammograms within Patients of the Linda Fenner Mobile Mammography Center. In: National Consortium of Breast Cancers (NCoBC) 2024 at the 33rd Annual Interdisciplinary Breast Center Conference, 2024 March 15th -19th; Las Vegas, Nevada (NV), USA.
8. Alarcon L, **Bhoite P**, Clarke R: An Academic-Community Partnership to Promote Socially Accountable Medical Education through Household-Centered Care. In: 2024 STFM Annual Spring Conference, 2024 May 04- May 08; Los Angeles, California (CA).
9. Mukherjee S, **Bhoite P**, Chowdhury M: Learning and intellectual disabilities: An analysis of national survey of children's health data from 2016--2021. In: 2023 American Public Health Association, Annual Meeting & Expo, 2023 Nov 12- Nov 15; Atlanta, Georgia (GA).
10. Siretskiy R, Newsholme A, Moscoso N, Alarcon L, **Bhoite P**, Clarke R, Stumbar S: Medical students' knowledge, attitudes, beliefs and perspectives on substance-use and harm reduction. In: 2nd Annual Florida Harm Reduction Conference. 2023 Nov 6- Nov 8; Miami, Florida (FL).
11. Nusynowitz J, Jamneshan L, **Bhoite P**, Stumbar S, Garba NA, Samuels M.: From Classroom to Clinic: Medical Students' Perceived Knowledge and Attitudes on High-Incidence Mpox. In: 2023 American College of Physicians Southern California Regions Annual Scientific Meeting at UCLA, October 7, 2023; Los Angeles, CA. **[Won 1<sup>st</sup> place in the Innovation Award for Medical Students]**
12. Yatham P, George S, Chintamaneni S, Malik, **Bhoite P**, Clarke R, Brito S, Pedoussaut M: The Prevalence of Obesity: Analyzing an Uninsured Population. In: 2023 Obesity Society Annual Meeting, Obesity Week Conference, October 14-17, 2023; Dallas, Texas.
13. Roshan M, O'Connell R, Nazarally, Rodriguez P, **Bhoite P**, Bisschops J, Varella M: Predictors of Inconclusive Screening Mammogram Results in Uninsured Women of Miami-

Dade County. In: 2023 Florida Medical Association Conference, July 28-July 30, 2023; Orlando, FL.

14. Garza K, Latta S, Helbig S, Maya J, Eskra J, Brown-Whalen A, **Bhoite P**, Busatto C, Brito S, Anderson F: Medical Student Efforts to Address COVID-19 Vaccine Hesitancy in Underserved Communities. In: 2023 University of Miami, Department of Community Service (DOCS) Community Health Leadership Conference, April 21, 2023; Miami, FL.
15. Schwartz B, Larancuent C, Wickremasinghe P, **Bhoite P**, Clarke R, Schneider G: Assessment of Firearm Violence Prevention Integration in Medical School Curricula Participants. In: 2023 STFM Annual Spring Conference, April 29-May 3, 2023; Tampa, FL.
16. Nusynowitz J, Jamneshan L, **Bhoite P**, Stumbar S, Garba NA, Samuels M.: Assessing Emerging Disease Preparedness: Mpox Knowledge and Attitudes Among U.S. Medical Students Participants. In: 2023 STFM Annual Spring Conference, April 29-May 3, 2023; Tampa, FL.
17. **Bhoite P**, Garba NA, Sacca L, Clarke R, Narasimhan, G.: Predicting COVID-19 Vaccine Hesitancy Among US Adults Using Classification Machine Learning Algorithms and the Household Pulse Survey. In: 2022 American Public Health Association, Annual Meeting & Expo, 2022 Nov 06- Nov 09; Boston, Massachusetts (MA).
18. Sacca L, **Bhoite P**, Clarke R, Garba NA.: Comparing Parental Vaccine Hesitancy and Socio-Demographics between COVID-19 and Human Papilloma Virus Vaccine: Lessons Learned. In: 2022 American Public Health Association, Annual Meeting & Expo, 2012 Nov 06- Nov 09; Boston, Massachusetts (MA).
19. Garba NA, Sacca L, Clarke R, **Bhoite P**, Buschman J et al.: A Collaborative Food Delivery Response to Address Food Insecurity in Underserved South Florida's Households during the COVID-19 Pandemic. In: 2022 RCMI Consortium National Conference March 16-18, 2022.
20. Stumbar SE, Garba NA, de la Cruz M, **Bhoite P**, Uchiyama E.: The Integration of Sex and Gender Minority Standardized Patients Into a Workshop on Gender-Inclusive Care In: 2022 Society of Teachers of Family Medicine (STFM) Annual Spring Conference, Indianapolis, USA, April 30 - May 4, 2022.
21. Oliveira J, Lage O, Clarke R, Gonzalez R, **Bhoite P**, Rodriguez A, Busatto C, Schneider G, Oller V, Brown D.: A Household Centered Care Approach and Community Partnership Approach to Reducing Emergency Department Utilization. In: The Baptist Health South Florida Continuing Medical Education Program, 2021 Primary Care Focus Symposium Online. [Virtual due to COVID-19 pandemic]
22. Rodriguez A, Schneider G, Lage O, Oliveira J, Garba NA, **Bhoite P**, Busatto C, Brown D.: "Telehousehold Visits": Systematically Addressing Social Determinants of Health Related to COVID-19 and Beyond. In: The Baptist Health South Florida Continuing Medical Education Program, 2021 Primary Care Focus Symposium Online. [Virtual due to COVID-19 pandemic]
23. Williams R, Alonso M Jr, **Bhoite P**, Veledar E, Bursac Z.: A Comparison of Machine

Learning Models for Mortality Prediction: NHANES III. In: 2020 Joint Statistical Meeting-Section on Statistical Learning and Data Science, Philadelphia, PA. [Virtual due to COVID]

24. Hammad Z, Virani A, Stumbar SE, Garba NA, **Bhoite P**, Samuels M.: Impact of a Brief Dermatology Teaching Session During the Third Year Family Medicine Clerkship. In: 2020 STFM Conference on Medical Student Education in Portland (OR), January 30-February 2, 2020.
25. Stumbar SE, Garba NA, **Bhoite P**, Ravelo N, Shringarpure N.: Implementation of a Long-Acting Reversible Contraception Program on a Mobile Health Center in Miami-Dade County, Florida: A Pilot Quality Improvement Analysis. In: 52<sup>nd</sup> Society of Teachers of Family Medicine (STFM) Annual Spring Conference, Toronto, Canada, April 27 - May 1, 2019.
26. Schneider G, Gillis M., Kirchmer K, **Bhoite P**, Castellanos N.: Guests and Hosts: The Odyssey as a Teaching Tool for the Ethics of Home Visits. In: International Humanities Health Consortium, Stanford, California. 2018.
27. Castellanos N, Anderson F, Whisenant E, **Bhoite P**.: Teaching Social Determinants of Health, Transforming Care Delivery, and Providing Community Benefit: The NeighborhoodHELP Medical-Legal Partnership. In: 2017 National Center for Medical-Legal Partnership Annual Summit, Washington DC. April 6, 2017.
28. **Bhoite P**, Sastre F, Brock-Getz P, Ladner R, Valle-Schwenk C.: Disparities in Viral Load Suppression among New and Established Clients of Ryan White HIV/AIDS program in Miami Dade County, Florida. In: 2016 American Public Health Association, Annual Meeting & Expo, 2016 Oct 29- Nov 02; Denver, Colorado (CO).
29. **Bhoite P**, Cyrus E, Madhivanan P, Leon S, Lama J, Sanchez J, Altice F.: Prevalence of Illicit Drug Use, Alcohol Use, and Depression among Female Prisoners in Lima, Perú. In: 2016 Epidemiology Congress of Americas, 2016 June 21-24; Miami, Florida (FL): EpiCongress; 2016.
30. **Bhoite P**, Cyrus E, Madhivanan P, Leon S, Lama J, Sanchez J, Altice F.: Prevalence of Illicit Drug Use, Alcohol Use, and Depression among Female Prisoners in Lima, Perú. In: The Women, Sexuality, and Gender Studies Association's 16<sup>th</sup> WSGSA Annual Conference, 2015 Nov 03; Miami, Florida (FL).
31. Kulkarni V, Parchure R, **Bhoite P**, Gadhikar H.: Biliary tract malignancies in HIV infected persons: a case series. In: 2nd International Science Symposium on HIV and Infectious Diseases (HIV SCIENCE 2014) Chennai, India. 30 January - 1 February 2014.

**MANUSCRIPTS UNDER REVIEW/ REVISION** (*Total: 5*)



1. **Bhoite P**, Clarke R, Gonzalez I, Wilson C, Cespedes T, Hein M, Clark C, Bursac Z, Garba N, Brown D: *Impact of a Community-Based Health Intervention on Emergency Department Visits: A Longitudinal Analysis*: Submitted to JAMA Network Open (Submission ID: JNO24-22491)
2. Brown D, Cyr D, Wruck L, Stefano T, Mehri N, Bursac Z, Munoz R, Baum M, Fluney E, **Bhoite P**, Garba N, Anderson F; Fonseca H, Assaf S, Perreira K: *Applying a Polysocial Risk Framework to COVID-19 Prevention Behaviors: A Cross-Sectional Study in Underserved Populations.*: Submitted to Social Science & Medicine (Submission ID: SSM-D-25-00319)
3. Brown D, Cyr D, Wruck L, Stefano T, Mehri N, Bursac Z, Munoz R, Baum M, Fluney E, **Bhoite P**, Garba N, Anderson F; Fonseca H, Assaf S, Perreira K: *A Covid-19 Prevention is Shaped by Polysocial Risk: A Cross-Sectional Study of Vaccination and Testing Disparities in Underserved Populations.*: Submitted to PLOS One (Submission ID: PONE-D-25-07512)
4. Schneider G, Fairclough J, **Bhoite P**, Mayhew M, Denton A, Kenney A, Ojha A, Hey M, Seetharamaiah R, Shaffiey S: *The Risk of Catastrophic Surgical Expenditure within a Community-Based Primary and Preventive Care Program at a Florida Medical School: A Modeling Study*. Submitted to Critical Public Health (Submission ID: QCPH-2024-0485)
5. Siretskiy R, Newsholme A, Moscoso N, Alarcon L, **Bhoite P**, Clarke R, Stumbar S: *The Factors Shaping Attitudes and Perceived Competence in Harm Reduction*. Submitted to PRiMER (Submission ID: PRIMER-2024-0103)

#### INVITED PRESENTATIONS *(Total: 4)*

1. **Bhoite P** and Gonzalez I, Clarke R, Brown D, Bursac Z: (2022, October). Using R to Extract, Organize, and Analyze Complex SDOH Data. Presented at Data Science Conference US Health 22, Miami, FL.
2. Bursac Z, Williams R., Rodriguez A, **Bhoite P**, Gonzalez I, Canizares C, Odom G.: (2022, October). FIU Department of Biostatistics: Overview and our Data Science Work. Data Science Conference US Health 22, Miami, FL.
3. Bursac Z, Rodriguez A, Williams R, **Bhoite P**, Gonzalez I, Canizares C, Odom G. R for Data Science in Public Health. International Data Science Conference Europe 22, Belgrade, Serbia.
4. **Bhoite P**. Careers in Biostatistics and Data Science. Invited Lecturer, Florida Summer Institute in Biostatistics and Data Science Program (SIBDS) at Florida Atlantic University funded by NIH, June 27, 2024.

## ORAL PRESENTATIONS *(Total: 9)*

1. Stumbar S, **Bhoite P**, Stevens M, Garba N: First Year Medical Students' Skills With Inclusive History Taking for LGBTQ+ People: Perception vs. Performance. In: 2025 SGEA, SGSA, SOSR Joint Conference, American Statistical Association. 2025 April 28-30; Miami, Florida (FL), USA. Oral Presentation.
2. **Bhoite P**, Clark C, Patel K, Clarke R, Garba N: {hpsr}: Simplifying household pulse survey data access. In: 2024 American Public Health Association, Annual Meeting & Expo, 2024 Oct 27- Oct 30; Minneapolis, Minnesota (MN). Session- Applications Using Health Data. Program: Applied Public Health Statistics. Oral Presentation.
3. **Bhoite P**, Clarke R, Clark C, Gonzalez I, Cespedes T, Wilson C, Bursac Z, Brown D: Examining the impact of NeighborhoodHELP on emergency department utilization. In: 2024 American Public Health Association, Annual Meeting & Expo, 2024 Oct 27- Oct 30; Minneapolis, Minnesota (MN). Session- Applications of Complex Health Data and Analysis. Program: Applied Public Health Statistics. Oral Presentation.
4. Mukherjee S, **Bhoite P**, Chowdhury M: Adverse childhood experiences and mental health during the pandemic: The role of accommodations. In: 2024 American Public Health Association, Annual Meeting & Expo, 2024 Oct 27- Oct 30; Minneapolis, Minnesota (MN). Session- Disability and Mental Health: Breaking Down Barriers, Building Support Systems. Oral Presentation.
5. Stumbar S, Khamisani N, **Bhoite P**, Uchiyama E, Stevens M, Saunders J, Davis A, Garba N: Abdominal Pain in a Gender Diverse Patient: A Standardized Patient Case for Second-Year Medical Students. In: Society of General Internal Medicine (SGIM) 2024 Mid-Atlantic Regional Meeting. 2024 October 18; New Brunswick, NJ. Oral Presentation.
6. Ovalles, A., Valle, M., Santoyo, K., **Bhoite P**, Clarke R., Alarcon L: Empowering Future Physicians: Enhancing Naloxone Competency through Early Harm Reduction Training in Medical Education. In: Dade County Medical Association's 2024 Residents and Medical Students Research Competition. 2024 March 2nd; Miami, Florida (FL), USA.
7. Anthonio G; Ukani Z; Barengo N; Rodriguez de la Verga P; **Bhoite P**; Camps- Romero E; Lage O: The Association Between Adverse Childhood Experiences and Cardiometabolic Outcomes Among Green Family Foundation NeighborhoodHELP Patients in Miami from 2016 to 2021: A Pilot Study. In: FIU Herbert Wertheim College of Medicine's 9<sup>th</sup> Annual Research Symposium. 2023 April 21st; Miami, Florida (FL), USA.
8. Schneider G, Denton A, Hey M, Mayhew M, Kenney A, Fairclough J, Ojha A, **Bhoite P**, Seetharamaiah R, Shaffiey S.: (2022, November). Predicting the Risk of Catastrophic Surgical

Expenditure in a Community-Based Primary and Preventative Care Program. Session-Promoting Health through Financial Wellness. Program: Community Health Planning and Policy Development. Oral Presentation. APHA 2022, Boston, MA.

9. Schneider G, Gillis M., Kirchmer K, **Bhoite P**, Castellanos N.: Guests and Hosts: The Odyssey as a Teaching Tool for the Ethics of Home Visits. International peer-reviewed bioethics education web portal, the Cambridge Consortium Bioethics Education Resource Portal. November 2018. (<https://www.bedr.education/new-page-1>)

## HONORS AND AWARDS

### 2023

- Service Excellence Award, Herbert Wertheim College of Medicine, Florida International University, Miami, FL

### 2015-2016

- Graduate assistantship, Florida International University, Miami, FL

### 2014-2015

- Graduate assistantship, Florida International University, Miami, FL

## SKILLS & CERTIFICATIONS

- SQL Databases: Microsoft SQL server, PostgreSQL, MySQL, Oracle SQL Developer
- NoSQL Databases: MongoDB
- Programming Languages/Frameworks: Python, R, Scala, HTML, Apache Spark
- Statistical and Geospatial Tools: SAS, SPSS, STATA, G- Power, ArcGIS, EpiInfo7, Atlas.ti, NLM Scrubber
- Business Intelligence Tool: Microsoft PowerBI, Tableau, Qlik Sense
- Version Control: Git, GitHub, Azure DevOps
- Cloud: Microsoft Azure, Amazon Web Services.
- Reference manager: EndNote, RefWorks, Zotero
- Python Libraries: numpy, Pandas, scikit-learn, XGBoost, imblearn, matplotlib, seaborn, TensorFlow 1.0 & 2.0, nltk, spaCy, PyTorch, OpenCV
- R Libraries: tidyverse stack, ggplot2, glm, pls, MASS, survminer
- Microsoft certified: Azure AI Fundamentals
- Microsoft certified: Data Scientist Associates
- Microsoft certified: Data Engineer Associate
- Microsoft certified: Azure Data Fundamentals
- Microsoft certified: Azure Fundamentals

- Microsoft certified: Power BI Data Analyst
- CITI Human Subjects Research- Biomedical Human Research Course
- CITI Human Subjects Research- Social/Behavioral Research Course
- CITI Good Clinical Practice Course
- CITI Conflict of Interest
- CITI Health Information Privacy and Security (HIPS) for Clinical Investigators
- NIH- Protecting Human Research Participants
- Research Administrators Certificate Course- Office of Research & Economic Development, FIU
- FIU Cybersecurity Awareness
- FERPA- Family Educational Rights and Privacy Act Certificate
- Patient Privacy & Information Security Practices

## **EDITORIAL & SCIENTIFIC REVIEW**

### *Editorial Board Member- Journal*

2024 – Present     Editorial Board Member, BMC Public Health

### *Reviewer- Journal*

2021 – Present     Reviewer, American Journal of Sexuality Education  
 2023 – Present     Reviewer, Qeios  
 2024 – Present     Reviewer, Global Advance in Integrative Medicine and Health  
 2024 – Present     Reviewer, Journal of Health Economics and Outcomes Research  
 2024 – Present     Reviewer, JMIR Public Health and Surveillance  
 2024 – Present     Reviewer, Cogent Education  
 2024 – Present     Reviewer, American Public Health Association-Annual Meeting  
 2024 – Present     Reviewer, Global Health Promotion  
 2025 – Present     Reviewer, BMC Public Health  
 2025 – Present     Reviewer, BMC Health Services Research  
 2025 – Present     Reviewer, Annals of Family Medicine

## **MENTORING**

### **Junior Employee Mentoring**

2017-2020	Daniel Parras	Data Analyst I
2020-2021	Anuj Ojha	Data Analyst I
2022-2023	Bryan Cicale	Data Analyst II
2023-Present	Christopher Clark	Data Analyst II
2023-Present	Krupa Patel	Data Analytics Intern/Student Assistant

## **Preceptorship Faculty Advisor/Preceptor**

2017	Avinash Ramanathan Daniel Parras	Master of Public Health (MPH) Practicum Internship, FIU
2018	Nadia Mirza Lilian Garvin Ummay Hani Tithy	Master of Public Health (MPH) Practicum Internship, FIU Master of Public Health (MPH) Practicum Internship, FIU Master of Public Health (MPH) Practicum Internship, FIU
2019	Yazmine De La Cruz	Master of Public Health (MPH) Practicum Internship, FIU
2020	Mark J. Tirana	MS in Health Informatic and Analytics Practicum Internship), FIU
2021	Yandhira Figueroa Raquel Ojeda	Master of Public Health (MPH) Practicum Internship, FIU MS in Health Informatic and Analytics Practicum Internship), FIU
2022	Alexander Bembery III	MS in Health Informatic and Analytics Practicum Internship, FIU

## **RESEARCH SUPPORT**

### ***Active***

<b>Agency</b>	<b>Title</b>	<b>PI</b>	<b>Role</b>
Florida Blue Foundation	Characterizing the Impact of NeighborhoodHELP on COVID-19 Related Outcomes.	Dr. Nana Aisha Garba	Data Scientist/Analyst
NIH-RADx-UP	Community-Engaged Research on COVID-19 Testing Among Underserved and/or Vulnerable Populations	Dr. David Brown	Data Scientist/Analyst (In kind)
Florida Department of Health in Miami- Dade	FIU Thrive: a mobile health application (app) and research database that will systematically assess social needs and provide personalized care plans and tailored resource and service navigation.	Dr. David Brown	Data Scientist/Analyst
FIU- HHS	Outcomes of a Free Breast Cancer Screening Program for Underserved Women in Miami- Dade County	Dr. Julia Bisschops	Data Scientist/Analyst
Florida Association of Free and Charitable Clinics (FAFCC)	Advancing Health: Cancer Screenings, Primary Care, and Chronic Disease Management in Miami-Dade County	Dr. Frederick Anderson	Data Scientist/Analyst
Florida Association of Free and Charitable Clinics (FAFCC)	Championing Cancer Screenings and Primary Care in Miami-Dade County	Dr. Frederick Anderson	Data Scientist/Analyst

## **PROFESSIONAL SOCITIES AND ORGANIZATIONS**

- American Public Health Association: 2016-present
- American Statistical Association: 2022-present
- Stempel Public Health Association: August 2014-present
- PyData Miami: 2019- Present
- R-Ladies Miami: 2020- Present

## ACADEMIC SERVICE AND COMMITTEE

Department of Humanities, Health, and Society, College of Medicine, FIU

Fall-2016 - Present	Data Management and Quality Improvement Committee	Role: Chair. Creation and Implement of all research data initiatives
Fall-2016 - Present	Data Management and Quality Improvement Committee	Role: Chair. Creation and Implement of all research data initiatives
Fall-2016	NHELP Steering Committee	Role: Member. Strategic decision-making pertaining to the departmental data.
Fall-2018	Program Evaluator-Search and Screen Committee	Role: Chair. Applications Screening, Interviewing & recommending the candidates
2018-2021	Data Standardization Workgroup	Role: Lead. Creation and Implementation of Data Standardization Plan.
Fall-2020	Program Evaluator-Search and Screen Committee	Role: Member. Applications Screening, Interviewing & recommending the candidates
2021-2022	Electronic Medical Record-Search and Selection Committee	Role: Member. As a data reporting subject matter expert.
Spring-2023	Program Evaluator-Search and Screen Committee	Role: Member. Applications Screening, Interviewing & recommending the candidates

Department of Biostatistics, Robert Stempel College of Public Health and Social Work, FIU

Fall-2020 - Present	Center for Statistical Consulting and Collaboration	Role: Affiliated Data Scientist. Statistical, Data Management, Business Intelligence, Machine Learning Consulting.
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## VOLUNTEER SERVICE

- Member, Holiday Toy Drive- For children in Underserved Community in Miami Dade County. Each December. 2016 – Present
- Member, Wertheim Conference- Held Annually. December. 2016 – Present
- Volunteered at Baynanza 2016, Biscayne Bay Cleanup Day on April 16th, 2016. Baynanza is an annual event, offered as a community service program by Miami Dade County's Regulatory & Economic Resources Department.

## REFERENCES

Available Upon Request