

**Amrit Baral, PhD, MBBS, MPH**

Postdoctoral Fellow

Department of Mental Health, Bloomberg School of Public Health  
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**EDUCATION:**

07/ 2025 – Present

**NIDA T32 Postdoctoral Fellow**

Drug Dependence Epidemiology Training (DDET)  
Department of Mental Health, Bloomberg School of Public Health  
Johns Hopkins University  
*Mentors:* Johannes Thrul, PhD; Ryan Vandrey, PhD

08/2021 - 05/ 2025

**Doctor of Philosophy (PhD), Epidemiology**

University of Miami Miller School of Medicine, Miami, Florida, USA  
Dissertation: “Psychedelics, Cannabis, and Cancer: Prevalence, Association, and Trends from 2015-2022, Using a Nationally Representative Dataset of United States Older Adults”  
*Mentors:* WayWay M Hlaing, PhD; Denise C Vidot, PhD; Paulo S Pinheiro, PhD; Yue Pan, PhD; Albert Garcia-Romeu, PhD  
GPA: 3.98

08/2018 - 08/2020

**Master’s in Public Health (MPH)**

West Chester University, West Chester, Pennsylvania, USA  
Concentration: Community Health  
GPA: 4.0  
*Mentors:* Gopal Sankaran, PhD; Stacie Metz, PhD; Harry Holt, PhD

09/2007 - 07/2012

**Bachelor of Medicine and Bachelor of Surgery (MBBS)  
(U.S. equivalent to MD)**

Chongqing Medical University, Chongqing, China  
Concentration: Clinical Medicine  
GPA: 3.58

08/2012 – 08/2012

**Clinical Rotation/Medical Internship**

Western Regional Hospital, Pokhara, Nepal  
*Medical Specialties covered:*  
Internal Medicine + Infectious diseases  
Obstetrics & Gynecology + Family planning  
Orthopedics  
Emergency Medicine  
Neurosurgery  
Pediatrics  
General Surgery

**HONORS AND AWARDS:**

<b>2025</b>	Ruth L. Kirschstein National Research Service Award (NRSA) to support Postdoctoral Fellowship at Bloomberg School of Public Health, Johns Hopkins University, Baltimore, MD, USA
<b>2025</b>	Top Abstract for Oral Presentation. Sleep Disorders Among Current and Former Cannabis Consumers Living with Cancer at an NCI-Designated Cancer Center. Cannabis Clinical Outcomes Research Conference (CCORC). May 29-30, Lake Nona, Orlando, FL
<b>2024</b>	National Institute on Drug Abuse (NIDA) Women & Sex/Gender Junior Investigator Travel Award- The College on Problems of Drug Dependence (CPDD) 2024 Annual Scientific Meeting, June 15-19, Montreal, Quebec, Canada
<b>2024</b>	PhD Student Travel Award for National Conference, Department of Public Health Sciences, University of Miami Miller School of Medicine - To attend the 2024 The College on Problems of Drug Dependence (CPDD) 85th Annual Scientific Meeting, June 15-19, 2024, in Montreal, Quebec, Canada
<b>2023</b>	American Public Health Association (APHA) Student Assembly Annual Meeting Scholarship Award (2023)- American Public Health Association (APHA) 2023 Annual Meeting and Expo, Nov. 12-15, 2023, Atlanta, Georgia
<b>2023</b>	PhD Student Travel Award for National Conference, Department of Public Health Sciences, University of Miami Miller School of Medicine - To attend American Public Health Association (APHA) 2023 Annual Meeting and Expo, Nov. 12-15, 2023, Atlanta, Georgia
<b>2023</b>	PhD Student Travel Award for National Conference, Department of Public Health Sciences, University of Miami Miller School of Medicine - To attend Society for Epidemiological Research (SER) 2023 Annual Meeting, June 13 – 16, 2023, in Portland, Oregon
<b>2022</b>	Inducted as a lifetime member of Beta Sigma Chapter of Delta Omega, the Public Health Honor Society at the University of Miami, Miller School of Medicine
<b>2020</b>	Inducted as a lifetime member of Alpha Eta National Honor Society of the Allied Health Professions, West Chester University
<b>2020</b>	Excellence in the Leadership, Service, and Advocacy Award- Graduate Student Association, West Chester University (2019-2020)
<b>2018 – 2020</b>	Graduate Dean's Scholarship for Global Diversity & Academic Achievement- West Chester University

Excellent Student in the Academic Year 2009-2010 Award, Chongqing Medical University, China

**Lead Biostatistician and Data Manager**  
**Doctoral Research Assistant**

University of Miami School of Nursing and Health Studies, Miami, Florida

West Chester University, West Chester, Pennsylvania

Associated Projects:

1. "Availability of Medication-Assisted Treatment for Opioid Addiction in Rural and Urban Pennsylvania"; Funded by the Center for Rural Pennsylvania; *PI*: Harry Holt, PhD
2. "Coroner/Medical Examiner Services in Pennsylvania"; Funded by the Center for Rural Pennsylvania; *PI*: Harry Holt, PhD
3. "Experiences of Social Work and Public Health Professionals During Times of Public Crisis"; *PI*: Stacie Metz, PhD

**RESEARCH SUPPORT:**

**Current:**

Pilot Project Research Training Award from Johns Hopkins P.O.E. Total Worker Health Center in Mental Health; “Cannabis Use and Occupational Conditions: National Evidence on Health and Mortality in the United States Workforce.”

**Role: Principal Investigator**

\$15,000

Hopkins Business of Health Initiative, Truveta Phase II

## “Epidemiology, Diagnostic Pathways, and Outcomes of Cannabis Hyperemesis Syndrome (CHS) in a Multi-System EHR Network”

Role: **Co-Investigator**

\$25,000

National Institute of Drug Abuse (NIDA), T32 Postdoctoral Training  
Drug Dependence Epidemiology (T32DA007292-33)

Role: **Postdoctoral Fellow/Collaborator**

\$860,329 (PI: Brion Maher, PhD)

2023 – 2028	National Institute of Drug Abuse (NIDA), “Development of a Longitudinal Observational Research Registry for the Study of Medicinal Cannabis Use and Health” (UM1DA059000) Role: <b>Postdoctoral Fellow/Collaborator</b> \$10,096,730 (MPIs: Ryan Vandrey, PhD; Johannes Thrul, PhD)
2020 – 2026	National Heart, Lungs, and Blood Institute (NHLBI); “The Effects of Cannabinoids and Routes of Cannabis Administration on Subclinical Cardiovascular Disease Risk” (R01HL153467) Role: <b>Graduate Research Assistant</b> (Doctoral) \$2,866,576 (PI: Denise C. Vidot)
<b>Completed:</b>	
04/2026-09/2025	Investigating Medicinal Cannabis Use and its Health Effects in Truveta EHR Data Phase I. Hopkins Business Health Initiative. Role: <b>Postdoctoral Fellow/Collaborator</b> \$5,000 (PI: Johannes Thrul, PhD)
2023 – 2025	Community Outreach and Engagement Pilot, Sylvester Comprehensive Cancer Center Intramural Funding Program; “Cannabis Use During Active Cancer Treatment: Physical and Psychosocial Risks and Benefits by Urine-Quantified Cannabinoid Levels” (COEPA-2024-01) Role: <b>Graduate Research Assistant</b> (Doctoral) \$75,000 (PI: Denise C. Vidot, PhD)
2023 – 2025	Cancer Care Delivery and Health Services in Cancer Survivorship Pilot, Sylvester Comprehensive Cancer Center Intramural Funding Program; “Psychedelic and Cannabis Patient- Cancer Provider Communication during Cancer Care Delivery” (CSP-CCD-2024-02) Role: <b>Research Coordinator</b> (Doctoral) \$75,000 (PI: Denise C. Vidot, PhD)
2020 – 2024	National Cancer Institute, National Institutes of Health “A Multidisciplinary Approach to Assess Frequency, Patterns, and Reasons for Cannabis Use Among Cancer Patients” (P30CA240139-02S4) Role: <b>Graduate Research Assistant</b> (Doctoral) \$150,000; (PI: Denise C. Vidot, PhD)

**TEACHING EXPERIENCE:**

Fall 2023	<b>Teaching Assistant</b> , University of Miami, School of Nursing and Health Sciences, Coral Gables, Florida Undergraduate Level Course: Introductory Epidemiology (co-taught with Denise C. Vidot, PhD)
Spring 2023	<b>Teaching Assistant</b> , University of Miami, Miller School of Medicine, Miami, Florida Master’s Level Course: Fundamentals of Epidemiology (co-taught with WayWay M. Hlaing, PhD)

Spring 2025                      **Invited Lecture**, School of Nursing and Health Sciences, University of Miami, Coral Gables, Miami, Florida  
 “Psychedelics, Cannabis, and Cancer: Prevalence, Association, and Trends from 2015-2022, Using a Nationally Representative Dataset of United States Older Adults”

**PUBLIC HEALTH EXPERIENCE:**

11/20 – 7/21                      **Disease Investigation and Surveillance Specialist**  
 Department of Disease Surveillance and Investigation  
 Chester County Health Department, West Chester, Pennsylvania

6/20 – 11/20                      **Infectious Disease Investigator** (Volunteer)  
 Department of Disease Surveillance and Investigation  
 Chester County Health Department, West Chester, Pennsylvania

2/20 – 3/20                      **Applied Learning Experience**  
 (Requirement of the Master of Public Health degree program),  
 Department of Disease Surveillance and Investigation, West Chester, Pennsylvania

1/17 – 6/18  
 &  
 10/14 – 9/15                      **Health Services Coordinator/Founder** (Pro-bono work)  
 Dirghayu Nepal (non-profit agency), Pokhara, Nepal

**CLINICAL / MEDICAL EXPERIENCE:**

3/17 – 7/18                      **Physician/Medical Officer**, International Medicare and Assistance Center, Pokhara, Nepal

11/13 – 9/15                      **Physician/Medical Officer**, Western Regional Hospital, Pokhara, Nepal

9/13 - 9/15                      **Physician/Medical Officer**, Pokhara Hospital and Research Center, Pokhara, Nepal

**PROFESSIONAL AND HONORARY ORGANIZATIONS:**

2024 – Present                      American Society of Clinical Oncology (member-in-training)  
 2023 – Present                      American Academy of Sleep Medicine (student member)  
 2023 – Present                      College on Problems of Drug Dependence (member-in-training)  
 2022 – Present                      American Public Health Association (graduate member)  
 2021 – Present                      Society for Epidemiological Research (student member)  
 2022 – Present                      International Cannabinoid Research Society (student member)  
 2023 – Present                      The National Delta Omega Honor Society, Honorary Society in Public Health  
 2015 – Present                      Nepal Red Cross Society (lifetime member)

## EDITORIAL RESPONSIBILITIES:

### *Ad Hoc Peer Reviewer for Scientific Journals:*

1. Nature: Scientific Reports
2. BioMed Central (BMC) Public Health
3. BMC Geriatrics
4. Psychedelic Medicine
5. Journal of Cancer Education
6. Journal of Cannabis Research
7. BMC Psychology
8. Lipids in Health and Disease
9. Substance Use: Research and Treatment
10. Journal of Cancer Survivorship
11. BMC Cardiovascular Disorders
12. BMC Pulmonary Medicine
13. PLOS ONE
14. National Journal of Physiology, Pharmacy and Pharmacology
15. BMC Cancer
16. BMC Psychiatry
17. BMC Infectious Diseases

## PEER-REVIEWED PUBLICATIONS:

1. **Baral A**, Cranford HM, Sharma J, and. Pinheiro PS. The prognostic role of cigarette smoking in Kidney Cancer Survival. *Cancer Medicine*. 2023 Jul; 12(13):14756-14766. <https://doi.org/10.1002/cam4.6104>. PMCID: PMC10358187.
2. Khoshbaten M, Maleki SH, Haddad S, **Baral A**, Rocha AV, Poudel L, Abdshah A. Association of non-alcoholic fatty liver disease and carotid media-intima thickness: A systematic review and a meta-analysis. *Health Sci Rep*. 2023 Sept 10; 6(9):e1554. doi: 10.1002/hsr2.1554. <https://doi.org/10.1002/hsr2.1554>. PMCID: PMC10493365.
3. **Baral A**, Morales V, Diggs BN, Tagurum Y, Desai M, Alhazmi N, Ramsey WA, Martinez C, Vidot DC. Perceptions, Attitudes, and Knowledge of Cannabis and its Use: A Qualitative Study among Herbal Heart Study Young Adult Cannabis Consumers in South Florida. *Preventive Medicine Reports*. 2023 Dec 23:102574. <https://doi.org/10.1016/j.pmedr.2023.102574>
4. Vidot DC, **Baral A**, Hernandez-Ortega N, Diggs BN, Islam JY, Camacho-Rivera M, Martinez C, Penedo F. Ethnic Differences in the Patterns, Sources, and Reasons for Cannabis Use among Cancer Patients at a National Cancer Institute- Designated Cancer Center. *Journal of National Cancer Institute Monographs*. <https://doi.org/10.1093/jncimonographs/lgad037>.
5. Chery MJ, **Baral A**, Rolle LD, Abdshah A, Bernard MJ, Poudel L, Francois L, Jones DL, Jean-Louis G, Blanc J. Depression, Sleep Health & Sociodemographic Correlates in a Nationwide Survey: Implications for Depression Treatment During COVID-19. *Nat Sci Sleep*. 2024;16:17-31. <https://doi.org/10.2147/NSS.S434148>
6. Muheriwa-Matumba, S.R., **Baral, A**., Abdshah, A., Diggs, B. N. A., Gerber Collazos, K. S., Morris, K. B., Vidot, D. C. (2024). Cardiovascular and Respiratory Effects of Cannabis Use by Route of Administration: A Systematic Review. *Substance Use & Misuse*, 1–21. <https://doi.org/10.1080/10826084.2024.2341317>
7. **Baral A**, Liu J, Garcia-Davis S, Diggs BN, Ayala L, Aka A, Agrawal YS, Messiah SE, Vidot DC. Prevalence of Metabolic Syndrome among Emerging Adult Cannabis Users by Race/Ethnicity: Analysis of the 2009-2018 National Health and Nutrition Examination Surveys. *American Journal of Medicine Open*. 2024 Mar 28:100069. <https://doi.org/10.1016/j.ajmo.2024.100069>

8. Gerber KS, Havanur A, De Santis J, **Baral A**, Vidot DC. Adverse Childhood Experiences as Precursors to Cannabis Use in Adulthood: A Systematic Review. *Child Abuse and Neglect*. <https://doi.org/10.1016/j.chiabu.2024.106889>
9. Rolle LD, Parra Alexa, **Baral A**, Trejos RF, Chery MJ, Clavon R, Crane TE. Differences in Cancer Risk Behaviors by Nativity (US-Born v. Non-US-Born) and Length of Time in the US. *Plos One*. <https://doi.org/10.1371/journal.pone.0305395>
10. **Baral A**, Diggs BA, Greengold J, Foronda C, Anglade D, Camacho-Rivera M, Islam JY, Morgan S, Vidot DC. State of the Science: Health Care Provider Communication of Cannabis Use Among Adults Living with Cancer. *Journal of Cancer Education*. <https://doi.org/10.1007/s13187-024-02484-z>
11. **Baral A**, Diggs BA, Marrakchi El Fellah R, Aka A, Ortega NH, Islam JY, Camacho-Rivera M, Penedo FJ, Vidot DC. Experiences and Comfort of Young Cancer Patients Discussing Cannabis with Their Providers: Insights from a Survey at NCI-Designated Cancer Center. *Journal of Cancer Education*. <https://doi.org/10.1007/s13187-024-02507-9>
12. O'Dell N, **Baral A**, Reid M, Diggs BA, Islam J, Camacho-Rivera M, Ortega J, Vidot DC. Chronic Disease Symptoms Self-Managed by Cannabis during the COVID-19 Pandemic: Results from the COVID-19 Cannabis Health Study. <https://doi.org/10.1089/can.2023.0234>
13. Diggs BA, **Baral A**, Hlaing W, Pan Y, Camacho-Rivera M, Ortega J, Vidot DC. Fear of COVID-19 Diagnosis and Cannabis Use Patterns Among Adults Living with a Chronic Health Condition: Results from the COVID-19 Cannabis Health Study. *Journal of Psychoactive Drugs*. <https://doi.org/10.1080/02791072.2024.2421903>
14. **Baral A**, Diggs BA, Marrakchi El Fellah R, McCarley C, Penedo F, Martinez C, Vidot DC. Cannabis Use Among Cancer Patients During Active Treatment: Findings from a Study at an NCI-Designated Cancer Center. <https://doi.org/10.1080/02791072.2024.2421903>
15. Gupta RD, Haider MR, Roy S, Hashan MR, **Baral A**, Tamanna N, Mazumder A, Haider SS, Datta B. Association between abdominal obesity, body mass index, and hypertension in India: evidence from a large nationally representative data. *The Journal of Clinical Hypertension*. 2025 Mar;27(3):e70034.
16. Poudel L, **Baral A**, Abdshah A, Grealis K, Aka A, Paudel S, Vidot DC. Sleep disturbances among young adult dual users of cigarettes and e-cigarettes: Analysis of the 2020 National Health Interview Survey. *PloS one*. 2025 Mar 25;20(3):e0320748.
17. Rolle LD, **Baral A**, Kaur H, Chery MJ, Crane TE. Cost-Related Health Care Delays in Adolescents and Young Adults: Trends and Disparities From the 2009 to 2018 National Health Interview Survey. *JCO Oncology Advances*. 2025 Jun;2(1):e2400097.
18. Khanal N, **Baral A**, Shrestha S, Lakhey PJ, Bhandari RS. Predictive Value of C-Reactive Protein/Albumin Ratio in Acute Pancreatitis. *Cureus*. 2025 Sep 28;17(9):e93436. doi: 10.7759/cureus.93436
19. **Baral A**, Vidot DC, Diggs BN, Jimenez I, Govind V, Widerstrom-Noga E, Weiner M, Ortega J, Reid M, Sagen J. Cannabis Use Patterns Among Adults Living With Chronic Pain Before and During the COVID Pandemic: Insights From the COVID-19 Cannabis Health Study. *Pain Research and Management*. 2025;2025(1):9631487.
20. **Baral A**, Pan, Hlaing W.M, Garcia-Romeu A, Pinheiro PS, Vidot DC. Association between lifetime co-use of classic psychedelics and cannabis and prostate cancer diagnosis among US adults 50 years and older. *Scientific Reports* (2025). <https://doi.org/10.1038/s41598-025-30172-5>

## PRESENTATIONS (Orals/Posters at Scientific Meetings and Conferences ) [\*Data Analyst ]

1. **Baral A**, Grealis K, Devkota J, Zhou Z, Thrul J. Effects of Cannabis Use and Long Work Hours on Systemic Inflammation Among US Adults. *Submitted*. College on Problems of Drug Dependence 878th Annual Scientific Meeting, June 13-17, 2026, Portland, OR.
2. Diggs BA, **Baral A**, Krivijanski K, Haspil N, Brown C, Davis J, Vidot DC. Cannabis, the Endocannabinoid System, and the Brain-Heart-Gut Axis: Multisystem Pathways Influencing Sleep Health. Symposium. *Submitted*. SLEEP 2026. The 40th annual meeting of the Associated Professional Sleep Societies (APSS). June 14-17, 2026, Baltimore, MD.
3. Brown C, Diggs BA, **Baral A**, Jean-Louis G, Vidot DC. Racial/Ethnic Differences In Cannabis Use Disorder Among Sleep-Motivated Cannabis Consumers Across Two Age-Distinct Cohorts. *Submitted*. SLEEP 2026. The 40th annual meeting of the Associated Professional Sleep Societies (APSS). June 14-17, 2026, Baltimore, MD.
4. Krivijanski K, Vidot DC, Diggs BA, **Baral A**, Jean-Louis G. Cannabis to Improve Sleep Duration and Differences in High-Sensitivity C-Reactive Protein by Route of Use among Young Adults in the Herbal Heart Study. *Submitted*. SLEEP 2026. The 40th annual meeting of the Associated Professional Sleep Societies (APSS). June 14-17, 2026, Baltimore, MD.
5. Diggs BA, Vidot DC, **Baral A**, Brown C, Jean-Louis G. Sleep-Related Impairment, Disturbance, and Insomnia Among Cannabis Consumers Across Two Age-Distinct Cohorts in South Florida. *Submitted*. SLEEP 2026. The 40th annual meeting of the Associated Professional Sleep Societies (APSS). June 14-17, 2026, Baltimore, MD.
6. Vidot DC, Diggs BA, **Baral A**, Thompson M, Jean-Louis G. Insomnia Severity Differences by Psilocybin, LSD, and DMT Use Status Among Young Adult Daily Cannabis Consumers in The Herbal Heart Study. *Submitted*. SLEEP 2026. The 40th annual meeting of the Associated Professional Sleep Societies (APSS). June 14-17, 2026, Baltimore, MD.
7. **Baral A**, Marrakchi R, Diggs BA, Messiah SE, Jean-Louis G, Reid M, Lawrence Wright M, Reidy L, Hurwitz B, Martinez C, Vidot DC. Cannabis and Arterial Stiffness: Differences by Route of Consumption among Healthy Young Adults in The Herbal Heart Study. *Oral Presentation* at the 35th Annual Symposium of the International Cannabinoid Research Society, Bloomington, IN, July 2025.
8. Vidot DC, **Baral A\***, Krivijanski K, Diggs BA, Messiah SE, Jean-Louis G, Reid M, Lawrence-Wright M, Reidy L, Hurwitz B, Martinez C. Cannabis and Vascular Function: Endothelial Dysfunction and Arterial Stiffness Among Young Adults in The Herbal Heart Study. *Oral Presentation* at the 35th Annual Symposium of the International Cannabinoid Research Society, Bloomington, IN, July 2025.
9. Diggs BA, **Baral A\***, Marrakchi R, Jean-Louis G, \*\*Weiner M, Reid M, Lawrence Wright M, de la Haye W, Hurwitz B, Martinez C, Vidot DC. Cannabis-Psilocybin Co-Use and Arterial Stiffness: Preliminary Findings from Young Adults in The Herbal Heart Study. *Oral Presentation* at the 35th Annual Symposium of the International Cannabinoid Research Society, Bloomington, IN, July 2025.
10. Agrawal Y, **Baral A\***, Brown C, Diggs BA, Williams R, Jean-Louis G, Penedo F, Vidot DC. Cancer Patient-Reported Risks and Benefits of Cannabis: Differences Based on Consumption Before and After Diagnosis. *Poster Presentation* at the 35th Annual Symposium of the International Cannabinoid Research Society, Bloomington, IN, July 2025.
11. **Baral A**, Marrakchi El Fellah R, Diggs BA, Portilla S, Penedo F, Vidot DC. Polysubstance Use among Cannabis Consumers After Cancer Diagnosis at an NCI Designated Cancer Center. *Late-Breaker Oral Presentation*. College on Problems of Drug Dependence 87th Annual Scientific Meeting, New Orleans, NO, June 2025.



12. **Baral A**, Diggs BA, Marrakchi El Fellah R, Krivijanski K, Thompson M, Jean Louis G, Vidot DC. Delta-8 Tetrahydrocannabinol (THC) Use and Its Association with Sleep Difficulties: Insights from the Herbal Heart Study. *Poster Presentation* at SLEEP 2025. The 39th Annual Meeting of the Associated Sleep Societies (APSS), June 8-11, Seattle, WA.
13. Krivijanski K, **Baral A\***, Diggs BA, Marrakchi El Fellah R, Scott SS, Gibbs C, Martinez C, Jean-Louis G, Vidot DC. Sleep Difficulties and Objectively Measured Cardiovascular Disease Risk among Cannabis Consumers: Results from the Herbal Heart Study. *Poster Presentation* at SLEEP 2025. The 39th Annual Meeting of the Associated Sleep Societies (APSS), June 8-11, Seattle, WA.
14. Marrakchi El Fellah R, **Baral A\***, Diggs BA, Krivijanski K, Scaramutti C, Jean Louis G, Vidot DC. Sleep Difficulties, Anxiety, and Depression among Cannabis Consumers and Non-Consumers in the Herbal Heart Study. *Poster Presentation* at SLEEP 2025. The 39th Annual Meeting of the Associated Sleep Societies (APSS), June 8-11, Seattle, WA.
15. Vidot DC, **Baral A\***, Diggs BA, Marrakchi El Fellah R, Krivijanski K, Garcia-Romeu A, de la Haye, Jean-Louis G. Racial/Ethnic Differences in Psychedelic Use and Sleep Satisfaction: Preliminary Findings from the Herbal Heart Study. *Poster Presentation* at SLEEP 2025. The 39th Annual Meeting of the Associated Sleep Societies (APSS), June 8 11, Seattle, WA.
16. Diggs BA, **Baral A\***, Marrakchi El Fellah R, Krivijanski K, Jean-Louis G, Vidot DC. Racial/Ethnic Impact of Cannabis Frequency, Potency, and Strains on Sleep in the Herbal Heart Study: Investigating Links to Difficulty Falling and Staying Asleep. *Poster Presentation* at SLEEP 2025. The 39th Annual Meeting of the Associated Sleep Societies (APSS), June 8-11, Seattle, WA.
17. Brown C, **Baral A\***, Diggs BA, Marrakchi El Fellah R, Krivijanski K, Jean-Louis G, Vidot DC. Ethnic Differences in Sleep Patterns among Cannabis Consumers in the Herbal Heart Study. *Poster Presentation* at SLEEP 2025. The 39th Annual Meeting of the Associated Sleep Societies (APSS), June 8-11, Seattle, WA.
18. Vidot DC, Williams R, **Baral A\***, Brown C, Diggs B, Krivijanski K, Marrakchi R. Best Practices and Lessons Learned to Successfully Conduct CVD, Cancer, COVID-19, and HIV Cohort Studies of Cannabis Consumers in South Florida. *Forum/Panel Presentation*. Cannabis Clinical Outcomes Research Conference (CCORC), Lake Nona, Orlando, FL, May 2025.
19. Senra C, **Baral A\***, Diggs BA, Marrakchi R, Krivijanski K, Martinez C, Vidot DC. Age Group Differences in Objectively Measured Abnormal Blood Pressure by Frequency of Cannabis Use within the Herbal Heart Study. *Oral Presentation*. Cannabis Clinical Outcomes Research Conference (CCORC), Lake Nona, Orlando, FL, May 2025.
20. Jimenez I, **Baral A\***, Diggs BA, Brown C, Potter J, Wilson King G, Messiah S, Vidot DC. Cannabis Use Patterns among Women Receiving Treatment for Gynecological Cancers at an NCI-Designated Cancer Center. *Oral Presentation*. Cannabis Clinical Outcomes Research Conference (CCORC), Lake Nona, Orlando, FL, May 2025.
21. **Baral A**, Diggs BA, Thompson M, Jean-Louis G, Vidot DC. Sleep Disorders among Current and Former Cannabis Consumers Living with Cancer at an NCI-Designated Cancer Center. *Oral Presentation*. Cannabis Clinical Outcomes Research Conference (CCORC), Lake Nona, Orlando, FL, May 2025.
22. Szczotka Z, **Baral A\***, Diggs BA, Marrakchi R, Krivijanski K, Thompson M, Jean-Louis G, Vidot DC. Poor Sleep and Quality of Life by Cannabis Use Status in the Herbal Heart Study Cohort. *Poster Presentation*. Cannabis Clinical Outcomes Research Conference (CCORC), Lake Nona, Orlando, FL, May 2025.
23. Zamora M, **Baral A\***, Diggs BA, Marrakchi R, Krivijanski K, Govind V, Martinez C, Vidot DC. Age and Sex Differences in Abnormal Blood Pressure among Cannabis and Psilocybin Co-

- Consumers in the Herbal Heart Study. *Poster Presentation*. Cannabis Clinical Outcomes Research Conference (CCORC), Lake Nona, Orlando, FL, May 2025.
24. Wray M, **Baral A\***, Diggs BA, Weiner M, Schlerf H, Reidy L, Vidot DC. Cannabis Use, Sex, and Medication Profiles in the Herbal Heart Study: Associations with Psychotropic, Non-Psychotropic, and Mixed-Use Medications. *Poster Presentation*. Cannabis Clinical Outcomes Research Conference (CCORC), Lake Nona, Orlando, FL, May 2025.
  25. Krivijanski K, **Baral A\***, Diggs BA, Marrakchi R, Martinez C, Vidot DC. Sex Differences in Abnormal Blood Pressure among Heavy Cannabis Consumers Compared to Low-to-Moderate Cannabis Consumers within the Herbal Heart Study. *Poster Presentation*. Cannabis Clinical Outcomes Research Conference (CCORC), Lake Nona, Orlando, FL, May 2025.
  26. Marrakchi R, **Baral A\***, Diggs BA, Krivijanski K, Brown C, Williams R, Gonzalez R, Vidot DC. Problematic Cannabis Use and Perceived Stress Among Young Adult Cannabis Consumers in the Herbal Heart Study: Differences by Age and Sex. *Poster Presentation*. Cannabis Clinical Outcomes Research Conference (CCORC), Lake Nona, Orlando, FL, May 2025.
  27. Vidot DC, **Baral A\***, Diggs BA, Masoud H, Agrawal Y, Brown C. Multiple Myeloma and Medical Cannabis: A Preliminary Glance into Patient-Provider Cannabis Communication and Reasons for Use. *Poster Presentation*. Cannabis Clinical Outcomes Research Conference (CCORC), Lake Nona, Orlando, FL, May 2025.
  28. Masoud H, **Baral A\***, Brown C, Davis JA, Vidot DC. A Decade in Review: Cannabis Use and Multiple Myeloma Cancer Research, 2015-2025. *Poster Presentation*. Cannabis Clinical Outcomes Research Conference (CCORC), Lake Nona, Orlando, FL, May 2025.
  29. Brown C, **Baral A\***, Williams R, Diggs BA, Marrakchi R, Jenkins L, Vidot DC. Information-Seeking Behaviors on Cannabis in Cancer Care: Differences by Cannabis Use Status and Age. *Poster Presentation*. Cannabis Clinical Outcomes Research Conference (CCORC), Lake Nona, Orlando, FL, May 2025.
  30. Lama F, **Baral A\***, Diggs BA, Lebron C, Wilson-King G, Potter J, Messiah S, Vidot DC. Age-Group Differences in Reasons for Cannabis Use during Pregnancy: Results from the COVID-19 Cannabis Moms Study. *Poster Presentation*. Cannabis Clinical Outcomes Research Conference (CCORC), Lake Nona, Orlando, FL, May 2025.
  31. **Baral A**, Agrawal Y, Aka A, Messiah S, Gonzalez R, Hurwitz B, Martinez C, Vidot DC. Mindfulness Practices and the Quality of Life Among Young Adult Cannabis Consumers in South Florida: Preliminary Results from the Herbal Heart Study. *Poster Presentation*. Cannabis Clinical Outcomes Research Conference (CCORC), Lake Nona, Orlando, FL, May 30-31, 2024.
  32. Cherenfant A, **Baral A\***, Williams RS, Marrakchi El Fellah R, Messiah S, Gonzalez R, Hurwitz B, Martinez C, Vidot DC. Route of Cannabis Use among Emerging Adults in South Florida by Race/Ethnicity: Preliminary Results from the Herbal Heart Study. *Poster Presentation*. Cannabis Clinical Outcomes Research Conference (CCORC), Lake Nona, Orlando, FL, May 30-31, 2024.
  33. Cashman A, **Baral A\***, Diggs BA, Marrakchi El Fellah R, Messiah S, Gonzalez R, Hurwitz B, Martinez C, Vidot DC. Prevalence of Mental Health Conditions and Symptoms Among Emerging Adult Cannabis Consumers Compared to Non-Consumers: Preliminary Results from the Herbal Heart Study. *Poster Presentation*. Cannabis Clinical Outcomes Research Conference (CCORC), Lake Nona, Orlando, FL, May 30-31, 2024.
  34. Aka A, **Baral A\***, Agrawal Y, Marrakchi El Fellah R, Diggs BA, Messiah S, De Santis J, Gonzalez R, Hurwitz B, Martinez C, Vidot DC. Correlation Between Anxiety, Depression, and Adverse Childhood Experiences Among Young Adult Cannabis Consumers and Non-Consumers in South Florida: Preliminary Findings from the Herbal Heart Study. *Poster Presentation*. Cannabis Clinical Outcomes Research Conference (CCORC), Lake Nona, Orlando, FL, May 30-31, 2024.

35. Senra C, **Baral A\***, Diggs BA, Marrakchi El Fella R, Messiah S, Gonzalez R, Hurwitz B, Martinez C, Vidot DC. COVID-19 History Differences between Emerging Adult Cannabis Consumers and Non-Consumers: Preliminary Results from the Herbal Heart Study. *Poster Presentation*. Cannabis Clinical Outcomes Research Conference (CCORC), Lake Nona, Orlando, FL, May 30-31, 2024.
36. Kumar E, **Baral A\***, Marrakchi El Fella R, Diggs BA, Messiah S, Gonzalez R, Hurwitz B, Martinez C, Vidot DC. Dietary Preferences and Weight Control Behaviors Among Cannabis Consumers versus Non-Consumers: Preliminary Results of the Herbal Heart Study. *Poster Presentation*. Cannabis Clinical Outcomes Research Conference (CCORC), Lake Nona, Orlando, FL, May 30-31, 2024.
37. Masoud H, **Baral A\***, Marrakchi El Fella R, Diggs BA, Messiah S, Gonzalez R, Hurwitz B, Martinez C, Vidot DC. Cannabis Strains, Potency, and Self-Reported Memory Loss Among Young Adults in South Florida: Preliminary Findings from the Herbal Heart Study. *Poster Presentation*. Cannabis Clinical Outcomes Research Conference (CCORC), Lake Nona, Orlando, FL, May 30-31, 2024.
38. Wray M, **Baral A\***, Diggs BA, Marrakchi El Fella R, Messiah S, Gonzalez R, Hurwitz B, Martinez C, Vidot DC. Sex and Age Differences in Anxiety and Depression among a Cohort of Cannabis Consumers and Non-Consumers: Preliminary Results from the Herbal Heart Study. *Poster Presentation*. Cannabis Clinical Outcomes Research Conference (CCORC), Lake Nona, Orlando, FL, May 30-31, 2024.
39. Zamora M, **Baral A\***, Diggs BA, Marrakchi El Fella R, Messiah S, Gonzalez R, Hurwitz B, Martinez C, Vidot DC. Cannabis Consumption and Problems in the Family: Differences Across Gender, Ethnicity, and U.S. Nativity Among Young Adult Cannabis Consumers - Preliminary Insights from the Herbal Heart Study. *Poster Presentation*. Cannabis Clinical Outcomes Research Conference (CCORC), Lake Nona, Orlando, FL, May 30-31, 2024.
40. Marrakchi El Fella R, **Baral A\***, Diggs BA, Messiah S, Gonzalez R, Hurwitz B, Martinez C, Vidot DC. Blood Pressure Status in Cannabis Consumers by Joint, Blunt, and Vape Use: Preliminary Results from the Herbal Heart Study. *Poster Presentation*. Cannabis Clinical Outcomes Research Conference (CCORC), Lake Nona, Orlando, FL, May 30-31, 2024.
41. Moreno Z, **Baral A\***, Marrakchi El Fella R, Diggs BA, Messiah S, Gonzalez R, Hurwitz B, Martinez C, Vidot DC. Quality of Life among Cannabis Consumers and Non-Consumers in South Florida: Preliminary Results from the Herbal Heart Study. *Poster Presentation*. Cannabis Clinical Outcomes Research Conference (CCORC), Lake Nona, Orlando, FL, May 30-31, 2024.
42. Ramdas A, **Baral A\***, Marrakchi El Fella R, Diggs BA, Lebron C, Messiah S, Vidot DC. Cannabis Use During Pregnancy: Trimester-Specific Insights into Cannabinoids Preferences from COVID-19 Cannabis Mom Study. *Oral Presentation*. Cannabis Clinical Outcomes Research Conference (CCORC), Lake Nona, Orlando, FL, May 30-31, 2024.
43. Clement J, Diggs BA, **Baral A**, Lebron C, Messiah S, Vidot DC. Reasons for Cannabis Use During Pregnancy Varies by Ethnicity: Results from the COVID-19 Cannabis Mom Study. *Poster Presentation*. Cannabis Clinical Outcomes Research Conference (CCORC), Lake Nona, Orlando, FL, May 30-31, 2024.
44. McLaurin M, Diggs BA, **Baral A**, Marrakchi El Fella R, Lebron C, Messiah S, Vidot DC. Tetrahydrocannabinol (THC) and Cannabidiol (CBD) Use while Breastfeeding: Results from the COVID-19 Cannabis Mom Study. *Poster Presentation*. Cannabis Clinical Outcomes Research Conference (CCORC), Lake Nona, Orlando, FL, May 30-31, 2024.
45. Jiminez I, Diggs BA, **Baral A**, Camacho-Rivera M, Islam J, Messiah S, Vidot DC. Cannabis Use Patterns Among Patients Living with Chronic Pain during the Pandemic: Insights from the COVID-

- 19 Cannabis Health Study. *Poster Presentation*. Cannabis Clinical Outcomes Research Conference (CCORC), Lake Nona, Orlando, FL, May 30-31, 2024.
46. Marrakchi El Fellah D, Diggs BA, **Baral A**, Marrakchi El Fellah R, Islam J, Camacho-Rivera M, Messiah SE, Vidot DC. Anxiety and Changes in Psilocybin Use among Cannabis Consumers During the COVID-19 Pandemic: Findings from COVID-19 Cannabis Health Study. *Poster Presentation*. Cannabis Clinical Outcomes Research Conference (CCORC), Lake Nona, Orlando, FL, May 30-31, 2024.
  47. Bassuk E, **Baral A\***, Vidot DC. Cannabidiol (CBD) Use by Cancer Treatment Status in South Florida Adults at Sylvester Comprehensive Cancer Center. *Poster Presentation*. Cannabis Clinical Outcomes Research Conference (CCORC), Lake Nona, Orlando, FL, May 30-31, 2024.
  48. Ocejo BA, **Baral A\***, Vidot DC. Self-Reported Delta-8-THC and Delta-9-THC Use by Cancer Treatment Status Among Cancer Patients in South Florida: Differences by Ethnicity, Age, and Cancer Treatment Status. *Poster Presentation*. Cannabis Clinical Outcomes Research Conference (CCORC), Lake Nona, Orlando, FL, May 30-31
  49. Cuesta J, Diggs BA, **Baral A**, Maglione D, Marrakchi El Fellah R, Weiner M, Kaplan S, Vidot DC. Age Differences in Self-Reported Terpenes Consideration During Cannabis Purchase. *Poster Presentation*. Cannabis Clinical Outcomes Research Conference (CCORC), Lake Nona, Orlando, FL, May 30-31, 2024.
  50. Diggs BA, **Baral A\***, Marrakchi El Fellah R, Weiner M, Kaplan, S, Fields J, Martin T, Martinez C, Vidot DC. Cannabis Use and Mindfulness in Young Adults: Preliminary Findings from Herbal Heart Study. *Poster Presentation*. The 34th Annual International Cannabinoids Research Society (ICRS) Symposium on the Cannabinoids, Salamanca, Spain, June 30-July 5, 2024.
  51. Vidot DC, Diggs BA, **Baral A**, Williams R, Marrakchi El Fellah D, Weekaroon S, Iyi R, Baqui M, Weiner M, Messiah SE. Psilocybin and Cannabis Use by Mental Health Status in the United States, Canada, Europe, and New Zealand During the COVID-19 Pandemic: Results from the COVID-19 Cannabis Health Study. *Poster Presentation*. The 34th Annual International Cannabinoids Research Society (ICRS) Symposium on the Cannabinoids, Salamanca, Spain, June 30-July 5, 2024.
  52. **Baral A**, Diggs BA, Agrawal Y, Messiah SE, Mendez A, Hernandez R, Martinez C, Vidot DC. Association Between Cannabis Use and Non-High Density Lipoprotein Cholesterol Among Young Adults with A Positive COVID-19 Test: Preliminary Findings from the Herbal Heart Study. *Oral/Data Blitz and Poster Presentation*. The 34th Annual International Cannabinoids Research Society (ICRS) Symposium on the Cannabinoids, Salamanca, Spain, June 30-July 5, 2024.
  53. Vidot DC, **Baral A\***, Diggs BA, Marrakchi El Fellah R, Camacho-Rivera M, Islam JY. Psilocybin and Cannabis Use by Mental Health Status among Cancer Survivors during the COVID-19 Pandemic in 20 Countries: Results from the COVID-19 Cannabis Health Study. *Submitted*. Annual Congress of the European Association for Cancer Research (EACR), Rotterdam, Netherlands, June 2024.
  54. Vidot DC, **Baral A\***, Diggs BA, de la Haye W, Weiner M, Baquai M, Iyi R. Generalized Anxiety Disorder and Clinical Depression among Psilocybin and Cannabis Co-Consumers from 20 Countries: Results from the COVID-19 Cannabis Health Study. *Submitted*. Interdisciplinary Conference on Psychedelic Research (ICPR) Annual Meeting, Haarlem, Netherlands, June 2024.
  55. Vidot DC, **Baral A**, Diggs BA, Marrakchi El Fellah R, de la Haye W, Weiner M, Baquai M, Iyi R. Patterns of Psilocybin and Cannabis Co-Use among Adults with Chronic Disease in 20 Countries: Results from the COVID-19 Cannabis Health Study. *Submitted*. Interdisciplinary Conference on Psychedelic Research (ICPR) Annual Meeting, Haarlem, Netherlands, June 2024.
  56. Vidot DC, Diggs BA, Marrakchi El Fellah R, **Baral A**, Messiah S, Martinez C, Hurwitz B, Gonzalez R, Vidot DC. Cannabis Use Disorder by Consumption Route among a Cohort of Emerging Adult

Cannabis Consumers: Preliminary Results from the Herbal Heart Study. *Poster Presentation* College on Problems of Drug Dependence (CPDD) 86th Annual Scientific Meeting, Montreal, Canada, June 2024.

57. **Baral A**, Pan Y, Caban-Martinez A, Pinheiro P, Hlaing WM, Vidot DC. Sex Stratified Prevalence of Classic Psychedelics among Individuals with a History of Cancer in the United States: An Analysis of the National Survey on Drug Use and Health, 2015-2019. *Poster Presentation*. College on Problems of Drug Dependence (CPDD) 86th Annual Scientific Meeting, Montreal, Canada, June 2024.
58. Berke O, **Baral A**, Diggs BA, Martin T, Myers K, and Vidot DC. Consumption of Psychedelic Substances and Social Media Behavior: A Systematic Review of the Past Decade. *Poster Presentation*. College on Problems of Drug Dependence 86th Annual Scientific Meeting, Montreal, Canada, June 2024.
59. Vidot DC, **Baral A**, Agrawal Y, Diggs BA, Hernandez Ortega N, Camacho-Rivera M, Islam JY, Martinez C. Cannabis Use among Sociodemographic-Diverse Cancer Patients at a South Florida NCI-Designated Cancer Center during Active Cancer Treatment. *Oral Presentation*. College on Problems of Drug Dependence (CPDD) 86th Annual Scientific Meeting, Montreal, Canada, June 2024.
60. Diggs BA, **Baral A**, Marrakchi El Fella R, Messiah S, Martinez C, Hurwitz B, Gonzalez R, Vidot DC. Age of Cannabis Use Initiation, Anxiety, and Depression in Emerging Adulthood in an Ethnically Diverse Cohort: Preliminary Results from the Herbal Heart Study. *Poster Presentation*. College on Problems of Drug Dependence (CPDD) 86th Annual Scientific Meeting, Montreal, Canada, June 2024.
61. Fakunle D, **Baral A\***, Marrakchi El Fella R, Diggs BA, Messiah S, Gonzalez R, Vidot DC. Ethnic Differences in Adverse Childhood Experiences among a Cohort of Cannabis Consumers and Non-Consumers: Preliminary Results from the Herbal Heart Study. *Poster Presentation*. College on Problems of Drug Dependence (CPDD) 86th Annual Scientific Meeting, Montreal, Canada, June 2024.
62. Wray M, **Baral A**, Diggs BA, Messiah S, Martinez C, Hurwitz B, Gonzalez R, Vidot DC. Sex Differences in Perceived Stress and Coping Ability among a Cohort of Cannabis Consumers and Non-Consumers: Preliminary Results from the Herbal Heart Study. *Poster Presentation*. College on Problems of Drug Dependence (CPDD) 86th Annual Scientific Meeting, Montreal, Canada, June 2024.
63. Aka A, **Baral A\***, Agrawal Y, Diggs BA, Marrakchi El Fella R, Fakunle D, Gonzalez R, Hurwitz B, Martinez C, Vidot DC. Mental Health and Coping Strategies among Emerging Adult Cannabis Consumers and Non-Consumers Living in South Florida: Preliminary Results of the Herbal Heart Study. *Poster Presentation*. College on Problems of Drug Dependence (CPDD) 86th Annual Scientific Meeting, Montreal, Canada, June 2024.
64. Marrakchi El Fella R, Diggs BA, **Baral A**, Fakunle D, Messiah S, Gonzalez R, Martinez C, Vidot DC. Sociodemographic Differences in Cannabis Use Patterns among a Cohort of Cannabis Consumers: Preliminary Results of the Herbal Heart Study. *Poster Presentation*. College on Problems of Drug Dependence (CPDD) 86th Annual Scientific Meeting, Montreal, Canada, June 2024.
65. Ramdas A, Diggs BA, **Baral A**, Messiah SE, Martinez C, Hurwitz B, Gonzalez R, Vidot DC. Sex Differences in Cannabis Use Disorder among a Cohort of Cannabis Consumers: Preliminary Results of the Herbal Heart Study. *Oral Presentation*. College on Problems of Drug Dependence (CPDD) 86th Annual Scientific Meeting, Montreal, Canada, June 2024.
66. Vidot DC, Diggs BA, **Baral A**, McCarley C, Marrakchi El Fella R, Baquai M, Iyi R, de la Haye W, Reid M, and Weiner M. Global Patterns of Psilocybin and Cannabis Co-Use among Adults with

Chronic Disease: Results from the COVID-19 Cannabis Health Study. *Oral Presentation*. Psychedelic Medicine Conference, Tel Aviv, Israel, July 2024.

67. **Baral A**, Diggs BA, Marrakchi El Fellah R, Hernandez N, Islam JY, Camacho Rivera M, Penedo F, Vidot DC. Young Cancer Patients Experience Discomfort Discussing Cannabis with Their Providers. *Poster Presentation and Online Publication*. American Society of Clinical Oncology (ASCO) Annual Meeting, Chicago, IL, May 2024.
68. **Baral A**, Pan Y, Caban-Martinez A, Pinheiro P, Hlaing WM, Vidot DC. Psilocybin, Peyote, Mescaline, and Lysergic Acid Diethylamide (LSD) Use in a Nationally Representative Population by Cancer History. *Online Publication*. American Society of Clinical Oncology (ASCO) Annual Meeting, Chicago, IL, May 2024.
69. Rolle LD, Parra A, **Baral A**, Trejos RF, Cherry MJ, Clavon R, Crane TE. Differences in Cancer Risk Behaviors by Nativity (US-born vs Foreign-born) and Length of Time in the US. *Poster Presentation*. The AACR Annual Meeting 2024, San Diego, CA, April 5-10: AACR; Cancer Epidemiol Biomarkers Prev 2024, Abstract nr 1703.
70. Poudel L, **Baral A\***, Grealis K, Abdshah A, Poudel S, Vidot DC. Dual Use of Conventional Cigarettes and E-Cigarettes on Sleep Outcomes among Young Adults: Analysis of the 2020 National Health Interview Survey. *Poster Presentation*. Society of Behavioral Medicine, 45th Annual Meeting & Scientific Sessions, Philadelphia, PA, March 13-16, 2024.
71. **Baral A**, Vidot DC, Diggs BA, Morales V, Poudel L, Abdshah A, Pinheiro PS. Disparities in drug poisoning mortality by race, ethnicity, and Hispanic heritage in Florida. *Poster Presentation*. American Public Health Association (APHA) 2023 Annual Meeting and Expo, Atlanta, GA, Nov.12-15.
72. **Baral A**, Morales V, Camacho-Rivera M, Vidot DC. The Potential Therapeutic Benefits of Hallucinogens for Asthma Treatment: A Study on Lifetime Use of Hallucinogens and Asthma Diagnosis Among Adults. *Poster Presentation*. American Public Health Association (APHA) 2023 Annual Meeting and Expo, Atlanta, GA, Nov.12-15.
73. McCarley C, Marrakchi El Fellah R, Diggs BN, **Baral A**, Hernandez-Ortega N, Vidot DC. Innovations in Cancer Treatment Side-effects Management: Perceived Benefits and Reasons of Cannabis Use by Race and Ethnicity. *Oral Presentation*. American Public Health Association (APHA) 2023 Annual Meeting and Expo, Atlanta, GA, Nov.12-15
74. Marrakchi El Fellah R, McCarley C, Hernandez-Ortega N, Diggs BN, **Baral A**, Vidot DC. Comparison of Cannabis Use among Adult Hispanic/Latino Cancer Patients by United States Nativity Status. *Poster Presentation*. American Public Health Association (APHA) Annual Meeting and Expo, Atlanta, GA, Nov.12-15.
75. **Baral A**, Cranford HM, Sharma J, Pinheiro PS. Cigarette Smoking at Diagnosis and Kidney Cancer Survival Outcomes. *Poster Presentation*. 2023 Society of Epidemiological Research (SER) Conference – Portland, OR, June 13 – 16.
76. **Baral A**, Cranford HM, Sharma J, Pinheiro PS. The Prognostic Role of Cigarette Smoking in Kidney Cancer Survival. *Poster Presentation*. North American Association of Central Cancer Registries (NAACCR) Annual conference 2023. New Orleans, LA, June 20-22.
77. Christensen C, Tremblay J, **Baral A**, Pinheiro PS. How does smoking affect survival in head and neck cancer? A population-based study analyzing survival outcomes by cigarette use, demographics, and tumor characteristics. *Poster Presentation*. 2023 Florida Society of Anesthesiologists Annual Meeting. June 9 11.
78. **Baral A**, Vidot DC, Morales V, Tagrum Y, Desai M, Alhazmi N, Diggs BA, Ramsey W. Knowledge, Attitudes, and Perceptions on Cannabis and its Use: A Qualitative Study among Young Adult Cannabis Consumers and Non-Consumers in South Florida. *Poster Presentation*. Cannabis Clinical Outcomes Research Conference (CCORC) 2023, Orlando, Florida.

79. **Baral A**, Vidot DC, Diggs BA, Weerakoon S, Baquai M, Iyi R, Weiner M, Messiah SE. High Blood Pressure among Psilocybin and Cannabis Consumers during the COVID-19 Pandemic: An Analysis of the COVID-19 Cannabis Health Study. *Poster Presentation*. College on Problems of Drug Dependence 85th Annual Scientific Meeting, Denver, CO, June 2023.
80. Vidot DC, **Baral A**, Diggs BA, Larson ME, Weerakoon S, Baquai M, Iyi R, Weiner M, Camacho-Rivera M, Messiah SE. Prevalence of Psilocybin and Cannabis Concurrent Use during the COVID-19 Pandemic: An Analysis of the COVID-19 Cannabis Health Study. *Poster Presentation*. College on Problems of Drug Dependence 85th Annual Scientific Meeting, Denver, CO, June 2023.
81. Jackson LI, Diggs BA, **Baral A**, Hagan SP, Batra J, Deen W, Vidot DC. Preliminary Analysis of Reasons for “Screen-Fails” due to Screening Criteria of the Herbal Heart Study: A NHLBI-Funded Cohort of Young Adults who Consume Cannabis for Non-Medical Reasons. *Poster Presentation*. Cannabis Clinical Outcomes Research Conference (CCORC), Orlando, Florida, May 2023.
82. Moed C, Diggs BA, **Baral A**, Hagan SP, Batra J, Deen W, Vidot DC\*. Physical Health Impact of Cannabis Vaping Versus Cannabis Dabbing: A Review of the Literature over the Past Decade. *Poster Presentation*. Cannabis Clinical Outcomes Research Conference (CCORC), Orlando, Florida, May 2023.
83. Panqueva Baena T, Diggs BA, **Baral A**, Hagan SP, Batra J, Deen W, Vidot DC\*. Preliminary Analysis of Recruitment Methods of the Herbal Heart Study: A Page 16 of 23 NHLBI-Funded Cohort of Young Adults who Consume Cannabis for Non-Medical Reasons. *Poster Presentation*. Cannabis Clinical Outcomes Research Conference (CCORC), Orlando, Florida, May 2023.
84. Tobolski S, Diggs BA, **Baral A**, Hagan SP, Batra J, Deen W, Vidot DC. Documented Methods to Quantify Cannabis and Cannabinoid Consumption in Epidemiological Studies: A Review of the Literature of the Past 5 Years. *Poster Presentation*. Cannabis Clinical Outcomes Research Conference (CCORC), Orlando, Florida, May 2023.
85. Vidot DC, **Baral A**, Iyi R, Baquai M, Weiner M, Camacho-Rivera M, Messiah SE. Mental Health Symptoms among Cannabis and Psilocybin Consumers during the COVID-19 Pandemic: Results from the COVID-19 Cannabis Health Study. *Invited Oral Presentation* at the American Association of Psychedelics Inaugural Conference, Knoxville, TN, May 2023.
86. Chery MJ, **Baral A\***, Rolle L, Bernard M, Alfonso AG, Duthely LM, Jean Louis G, Seixas A, Poudel L, Blanc J. Association Between Depression and Sleep Health in A Nationwide Survey: Implications for Depression Therapy During The COVID-19 Pandemic. *Poster Presentation*. The American Psychological Association – Washington, DC, USA August 3-5, 2023.
87. Vidot DC, **Baral A**, Diggs BA, Weerakoon S, Baquai M, Iyi R, Weiner M, Messiah SE. Cardiovascular Disease Risk among Cannabis + Psilocybin Co-Consumers Compared to Cannabis + No Psilocybin Consumers: An Analysis of the COVID-19 Cannabis Health Study. *Invited Oral Presentation*. Cannabis Science Conference, Portland, OR, April 2023.
88. Chery MJ, **Baral A\***, Rolle LD, Bernard M, Alfonso AG, Duthely LM, Jean-Louis G, Seixas A, Blanc J. Association Between Depression and Sleep Health in A Nationwide Survey: Implications for Depression Therapy During The COVID-19 Pandemic. *Poster Presentation*. SLEEP conference – Indianapolis, June 3 - 7, 2023.
89. Vidot DC, Diggs BN, **Baral A**, Weerakoon S, Weiner M, Camacho-Rivera M, Messiah SE. Changes in Cannabis Smoking, Vaping, and Edible Consumption amid the COVID-19 Pandemic by Race/Ethnicity in the United States. *Invited Oral Panelist* in Elucidating the Unique Factor Driving Increases in Marijuana and Nicotine Vaping and Dependence. National Hispanic Science Network Annual Meeting, Grand Rapids, MI, September 2022.

90. Anikpo I, Cranford H, Hlaing W, **Baral A**. Potential Missed Opportunities for Prescription of Cholesterol-Lowering Medications for Eligible Adults. *Poster Presentation*. Society of Epidemiological Research Conference – Chicago, IL, June 14 – 17, 2022.
91. Holt H, **Baral A**. Barriers and Opportunities to Medically Assisted Treatment for Opioid Use Disorder in Rural and Urban Pennsylvania. *Poster Presentation*. Philadelphia College of Physicians Drexel MCH Symposium, The Opioid Epidemic and the Life-Course: Policy, Practice, and Prevention 2019.

#### INVITED TALKS:

1. Cannabis Science Conference, September 20-22, 2023, Providence, Rhode Island. Topic: “Next Generation of Scientists Examining How to Mitigate Chronic Disease with Psychedelics”.

#### INTERNATIONAL PROJECTS:

- |                   |  |
|-------------------|--|
| 09/2015 – 12/2016 | <b>Global Health Initiative</b> , Rode a bicycle across 17 countries for public health awareness: To advocate against the stigma and discrimination of HIV/AIDS. Visited different communities and educational institutions and collaborated with international media and agencies to raise awareness on HIV/AIDS. |
| 2016              | Organized and facilitated “ <b>Free Medical Health Check Up</b> ” and “ Diabetes and Hypertension Screening Program” for Nepalese migrant workers in Japan, in collaboration with Nepali doctors and Japanese public health researchers at Ashikaga University, Japan.   |

#### IN THE NEWS:

1. [New Study Finds Potential Link Between Classic Psychedelic Use and Prostate Cancer Diagnosis in Older U.S. Men](#)
2. [PhD Spotlight: Dr. Amrit Baral Explores Cannabis and Psychedelics in Cancer and Aging](#)
3. [Journey of a Nepali Doctor](#)
4. [From Doctoral Training to National Impact](#)
5. [Dr. Ruth L. Kirschstein Award Recipient Dr. Baral's Journey To Johns Hopkins](#)
6. [Cannabis Use in Oncology](#)
7. [Amrit Baral on Cannabis Use in Cancer Patients- ASCO 2024](#)
8. [Nepalese brothers cycle the world for environment, public health](#)
9. [Exploring the Nexus of Cannabis Use and Mindfulness in Young Adults](#)
10. [Brothers on world bicycle tour to protect environment, fight HIV / AIDS](#)
11. [Pedaling the Path to Global Health: A Doctor's Journey from Medicine to Public Health](#)
12. [Going the extra mile](#)
13. [Nepalese brothers cycle through Southern Illinois for environmentalism, AIDS awareness](#)
14. [Cycle for awareness](#)
15. [Small Talk: Long distance biker travels the world](#)
16. [Pushing the Pedals: Nepalese Cyclists Plan to Circle the World](#)
17. [Nepali activists pedal through Korea](#)
18. [On wheels from Nepal, for nature conservation](#)



**SKILLS:**

<b>Languages:</b>	<b>Mother tongue</b>	Nepali
	<b>Foreign Languages</b>	English Chinese (Mandarin) Hindi
	<b>Statistical Languages</b>	SAS, R, SPSS, NVivo, and Dedoose

**Specialization-Related:** Data collection and management tools - REDCap and Qualtrics  
Citation Manager - EndNote, Zotero  
Research protocol writing  
Institutional Review Board (IRB) application preparation, submissions, and modifications  
Grant writing and submission (NIH style)  
Microsoft Office  
Good command of the National Electronic Disease Surveillance System  
Clinical management of medical emergencies, triage, and managing multiple cases at the same time

**SERVICE:**

2023 – 2024 **PhD Student Representative**, Curriculum Committee,  
Department of Public Health, University of Miami Miller School of  
Medicine, Miami, Florida

2019 – 2020 **President**, MPH Student Advisory Board  
West Chester University, West Chester, Pennsylvania

2018 – 2020 **Student Representative**, Graduate Student Association  
Department of Health, West Chester University,  
West Chester, Pennsylvania

**LICENSE(S):** Nepal Medical Council- Permanent Registered Medical Doctor  
Collaborative Institutional Training Initiative (CITI PROGRAM)

**ADDITIONAL PROFESSIONAL EXPERIENCE:**

4/2017 – 01/2018 Publisher, Discover Nepal Magazine  
Co-founder and Publisher of 1<sup>st</sup> English-language Travel magazine in  
Pokhara, Nepal

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Susan Hill Ward Professor in Psychedelics and Consciousness  
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Department of Health | College of Health Sciences

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