

Revised 04/28/25

CURRICULUM VITAE

MARIE-RACHELLE NARCISSE, Ph.D

Sleep for Science Research Laboratory
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Office phone:
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EDUCATION

B.Sc.

08/1994 - 05/1997

University of Montreal, Montreal, Canada

Major: Economics

M.Sc.

08/1998 - 05/2000

University of Montreal, Montreal, Canada

Major: Economic Evaluation of Programs

Major: International Economics and Finance

Ph.D.

08/2000 - 05/2008

University of Montreal, Montreal, Canada

Major: Public Health, Healthcare Management

Postgraduate Certificate

01/2012 - 11/2012

Harvard T.H. Chan School of Public Health
(online), United States

Major: Principles and Practice of Clinical Research

M.Sc.

09/2023 -

**University of Oxford, Sleep and Circadian
Neuroscience Institute (Nuffield Department of
Clinical Neurosciences)** (online), United Kingdom

Major: Sleep Medicine

POSTGRADUATE TRAINING

Residency Not applicable
Fellowship None

POSTGRADUATE HONORS AND AWARDS

2023 - 2024 **Urologic Nursing Catherine Ann Lawrence
Literary Excellence Award for manuscript:
*Characteristics of Nursing Homes with High Rates of
Urinary Tract Infections among Their Residents with
Obesity***

PROFESSIONAL LICENSES AND BOARD CERTIFICATIONS

2008 - **Diplomate and Fellow**
American Board of Quality Assurance and Utilization
Review Physicians

2008 - **Healthcare Quality and Management**
American Board of Quality Assurance and Utilization
Review Physicians

2008 - **Patient Safety and Risk Management**
American Board of Quality Assurance and Utilization
Review Physicians

MILITARY SERVICE

None

ACADEMIC APPOINTMENTS

04/2001 - 12/2001

Program Evaluator

Interdisciplinary Health Research Group, University of Montreal, Montreal, Canada

04/2001 - 06/2002

Research Assistant

Institut National d'Excellence en Santé et en Services Sociaux, Montreal, Canada

07/2006 - 07/2006

Instructor - Biostatistics

Quebec Inter-University Centre for Social Statistics, Montreal, Canada

03/2012 - 08/2015

Biostatistician - Adjunct Lecturer

University of Arkansas, Eleanor Mann School of Nursing, Fayetteville, Arkansas

10/2016 - 06/2018

Senior Data Analyst

University of Arkansas for Medical Sciences Fayetteville, Arkansas

07/2018 - 06/2023

Assistant Professor

College of Medicine, Department of Internal Medicine

University of Arkansas for Medical Sciences, Fayetteville, Arkansas

02/2022 - 05/2023

Biostatistician - Consultant (remote)

Henry M. Jackson Foundation for the Advancement of Military Medicine, Bethesda, Maryland

07/2023 - 09/2024

Associate Professor

College of Medicine, Department of Internal Medicine

University of Arkansas for Medical Sciences, Fayetteville, Arkansas

08/2023 -

Assistant Professor

Department of Psychiatry and Human Behavior

Alpert Medical School of Brown University, Providence, Rhode Island

HOSPITAL APPOINTMENTS

07/2009 - 06/2011

Health Services Research Associate

Child Policy Research Center

Cincinnati Children's Hospital Medical Center,
Cincinnati, Ohio

08/2023 -

Research Scientist

COBRE Center for Sleep and Circadian Rhythms in
Child and Adolescent Mental Health
Bradley Hospital, Providence, Rhode Island

OTHER APPOINTMENTS

11/2004 - 05/2009

Executive Healthcare Manager

Neurological Care Clinic, Clermont, Florida

04/2015 - 10/2016

CEO - Self-Employed

Center for Excellence in Data Analytics and Research
Solutions, Fayetteville, Arkansas

03/2025 -

Chapter Leader

Start School Later, Inc. ("SSL")
Rehoboth, Massachusetts

GRANT REVIEWER

09/2012 - 01/2019

Health Resources and Services Administration (HRSA),
Maternal and Child Health Research

EDITORIAL BOARD APPOINTMENT

01/2022 - 08/2024

Guest Editor

Frontiers in Public Health

Research topic: Artificial Intelligence, Machine

Learning, and Data-Mining Techniques to Increase Cost-
Effectiveness in Healthcare

09/2024 -

Reviewing Editor

Sleep Advances

Anthropologie des Savoirs des Suds

01/2025 -

Guest Editor

Frontiers in Public Health

Research topic: Addressing Health Inequities among Underserved and Minority Populations Through Cognitive Justice: A Focus on Social Determinants of Health

JOURNAL REVIEWER

AD-HOC REVIEWER

- American Journal of Public Health (AJPH)
- BioMed Central (BMC) Health Services Research
- BioMed Central (BMC) Psychology
- British Medical Journal (BMJ)
- Critical Public Health (CPH)
- Frontiers in Public Health
- Health Promotion Practice (HPP)
- Health Systems
- International Journal of Environmental Research and Public Health (IJERPH)
- International Journal of Pediatric Research (IJPR)
- JAMA Network Open
- Journal of Health Care for the Poor and the Underserved (JHCPU)
- Journal of Nutrition (AJCN)
- Medical Care
- Nursing Reports
- BMJ Nutrition, Prevention & Health
- SLEEP
- Sleep Health
- Sleep Advances
- Surgery for Obesity and Related Diseases

MEMBERSHIPS IN SOCIETIES

- | | |
|-------------|--|
| 2008 - | American Board of Quality Assurance and Utilization Review Physicians |
| 2008 - | American College of Healthcare Executives |
| 2011 - 2022 | International Health Economics Association |
| 2016 - 2023 | Healthcare Financial Management Association |
| 2021 - | American Public Health Association |
| 2021 - | Academy Health |
| 2022 - | Sleep Research Society |
| 2022 - | National Alliance for the Advancement of Haitian Professionals (NAAHP) |
| 07/2024 - | Sigma Xi, The Scientific Research Honor Society |

PUBLICATIONS LIST

ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS

1. **Narcisse MR**, Dedobbeleer N, Contandriopoulos AP, Ciampi A. Understanding the social patterning of smoking practices: a dynamic typology. *Sociol Health Illn.* 2009 May;31(4):583-601. doi: 10.1111/j.1467-9566.2009.01159.x. PMID: 19397762
2. **Narcisse MR**, Kippenbrock TA, Odell E, Buron B. Advanced Practice Nurses' Meaningful use of electronic health records. *Appl Nurs Res.* 2013 Aug;26(3):127-32. doi: 10.1016/j.apnr.2013.02.003. PMID: 23597785
3. Odell E, Kippenbrock T, Buron W, **Narcisse MR**. Gaps in the primary care of rural and underserved populations: the impact of nurse practitioners in four Mississippi Delta states. *J Am Assoc Nurse Pract.* 2013 Dec;25(12):659- 66. doi: 10.1111/1745-7599.12023. PMID: 24170675
4. Kippenbrock T, Buron B, Odell E, **Narcisse MR**. Minimal changes and missed opportunities: a decade look at nurse practitioners in the lower Mississippi River Delta states. *J Prof Nurs.* 2014 May-Jun;30(3):266-72. doi: 10.1016/j.profnurs.2013.09.014. PMID: 24939337
5. Goudie A, **Narcisse MR**, Hall DE, Kuo DZ. Financial and psychological stressors associated with caring for children with disability. *Families Systems & Health.* 2014 Sep;32(3):280-90. doi: 10.1037/fsh0000027. PMID: 24707826
6. **Narcisse MR**, Dobbs P, Long CR, Purvis RS, Kimminau KS, McElfish PA. Electronic cigarette use and psychological distress in the Native Hawaiian and Pacific Islander adults compared with other racial/ethnic groups: Data from the National Health Interview Survey, 2014. *Journal of Community Psychology*, vol. 48, no. 2, 2020, pp. 225-236 (*)
7. Scott, AL. & **Narcisse MR**. Breastfeeding Education and Exclusive Breastfeeding Rates: Exclusive Breastfeeding Promotion in a Clinic Setting. *Clinical Lactation.* 2015, 6(1), 40-40
8. McElfish PA, **Narcisse MR**, Long CR, Ayers BL, Hawley NL, Aitaoto N, Riklon S, Su LJ, Ima SZ, Wilmoth RO, Schulz TK, Kadlubar S. Leveraging community-based participatory research capacity to recruit Pacific Islanders into a genetics study. *Journal of Community Genetics.* 2017;8(4):283-291 (*)
9. Shobe MA, **Narcisse MR**, Christy K. (2018) Household Financial Capital and Food Security, *Journal of Poverty*, 22:1, 1-22, doi: 10.1080/10875549.2017.1348426
10. McElfish PA, Long CR, Payakachat N, Felix H, Bursac Z, Rowland B, Hudson JS,

- Narcisse MR.** Cost-related nonadherence to medication treatment plans: Native Hawaiian and Pacific Islander National Health Interview Survey, 2014. *Medical Care.* 2018;56(4):341-349. doi: 10.1097/MLR.0000000000000887 (*)
11. Matthews EE, Li C, Long CR, **Narcisse MR**, Martin B, McElfish PA. 2017. Sleep deficiency among Native Hawaiian/Pacific Islander, Black, and White Americans and the association with cardiometabolic diseases: analysis of the National Health Interview Survey data. *Sleep Health.* 2018 Jun;4(3):273-283. doi: 10.1016/j.sleh.2018.01.004. PMID: 29776622 (*)
 12. **Narcisse MR**, Felix HC, Long CR, Hudson T, Payakachat N, Bursac Z, McElfish PA. Frequency and predictors of health services use by Native Hawaiians and Pacific Islanders: evidence from the US National Health Interview Survey. *BMC Health Serv Res.* 2018 Jul;18(1):575. doi: 10.1186/s12913-018-3368-3 PMC6054839, PMID:30031403 (*)
 13. **Narcisse MR**, Long CR, Felix H, Rowland B, Bursac Z, McElfish PA. The mediating role of sleep quality and quantity in the link between food insecurity and obesity across race and ethnicity. *Obesity.* 2018;26(9):1509-1518. doi: 10.1002/oby.22266. PMID: 30226012 (*)
 14. McElfish PA, Long CR, Selig JP, Rowland B, Purvis RS, James L, Holland A, Felix HC, **Narcisse MR**. Health research participation, opportunity, and willingness among minority and rural communities of Arkansas. *Clinical and Translational Science.* Clin Transl Sci. 2018;11(5):487-497 (*)
 15. Felix H, **Narcisse MR**, Rowland B, Long CR, Bursac Z, McElfish PA. Level of recommended heart attack knowledge among Native Hawaiians and Pacific Islanders. *Hawaii J Med Public Health.* 2019 Feb;78(2):61-65 (*)
 16. Felix HC, Rowland B, Long CR, **Narcisse MR**, Piel M, Goulden PA, McElfish PA. Diabetes self-care behaviors among Marshallese adults living in the United States. *Journal of Immigrant and Minority Health.* 2018 Dec; 20(6):1500-1507. doi: 10.1007/s10903-017-0683-4. PMID: 29243017 (*)
 17. Felix HC, **Narcisse MR**, Long CR, English E, Haggard-Duff L, Purvis RS, McElfish PA. The Effect of Family Diabetes Self-Management Education on Self-care Behaviors of Marshallese Adults with Type 2 Diabetes. *Am J Hlth Behav*, vol. 43, no. 3, 2019, pp. 490-497 (*)
 18. Payakachat N, Long CR, McElfish PA, **Narcisse MR**, Felix HC, Bursac Z, Hudson TJ. Prevalence, Health and Resource Utilization, and Unmet Healthcare Needs of Native Hawaiian and Pacific Islander Children with Developmental Disabilities. *Am J Intellect Dev Disabil.* 2019 May;124(3):234-247. doi: 10.1352/1944-7558-124.3.234. PMID:

31026207 (*)

19. McElfish PA, Long CR, Kohler PO, Yeary KHK, Bursac Z, **Narcisse MR**, Felix HC, Rowland B, Hudson JS, Goulden PA. Comparative effectiveness and maintenance of diabetes self-management education interventions for Marshallese patients with type 2 diabetes: a randomized controlled trial. *Diabetes Care*. 2019 May;42(5):1-10. doi: 10.2337/dc18-1985 (*)
20. Seaton VA, **Narcisse MR**, Subica AM, Long CR, Matthews EE, Mcelfish PA. Sleep quality partially mediates the association between type 2 diabetes and psychological distress in Native Hawaiian and Pacific Islander adults in the United States: Analysis of the 2014 National Health Interview Survey. *Asian American Journal of Psychology*. 2019;10(3):258-267. doi: 10.1037/aap0000147 (*)
21. **Narcisse MR**, Long CR, Felix HC, Howie EK, Purvis RS, McElfish PA. Adherence to sleep guidelines reduces risk of overweight/obesity in addition to 8-5-2-1-0 guidelines among a large sample of adolescents in the United States. *Sleep Health*. 2019 Oct; 5(5):444-451. doi: 10.1016/j.sleh.2019.03.004. PMID: 31023558
22. Long CR, **Narcisse MR**, Rowland B, Faitak B, Caspi CE, Gittelsohn J, McElfish PA. Written Nutrition Guidelines, Client Choice Distribution, and Adequate Refrigerator Storage Are Positively Associated with Increased Offerings of Feeding America's Detailed Foods to Encourage (F2E) in a Large Sample of Arkansas Food Pantries. *J Acad Nutr Diet*. 2020 May;120(5):792-803.e5. doi: 10.1016/j.jand.2019.08.017. PMID: 31636053
23. Felix H, **Narcisse MR**, Long CR, McElfish PA. Effects of a family diabetes self-management education intervention on the patients' supporters. *Families, Systems & Health*. 2020 Jun. doi: 10.1037/fsh0000470 PMID: 32281816
24. Li C, **Narcisse MR**, McElfish PA. Medical financial hardship reported by Native Hawaiian and Pacific Islander cancer survivors compared with non-Hispanic whites. *Cancer*. 2020 Jun; 126(12):2900-2914. doi: 10.1002/cncr.32850. PMID: 32196129 (*)
25. Towne SD, Yeary KK, **Narcisse MR**, Long CR, Bursac Z, Totaram R, Rodriguez E, Mcelfish PA. Inequities in access to medical care among adults diagnosed with diabetes: Comparisons between the US Population and a sample of US-residing Marshallese Islanders. *J. Racial and Ethnic Health Disparities*. 2020. doi: 10.1007/s40615-020-00791-x (*)
26. Long CR, Rowland B, McElfish PA, Ayers BL, **Narcisse MR**. Food Security Status of Native Hawaiians and Pacific Islanders in the US: Analysis of a National Survey. *Journal of Nutrition Education and Behavior*. 2020 Aug;52(8):788-795 (*)

27. Dopp AR, **Narcisse MR**, et al. A scoping review of strategies for financing the implementation of evidence-based practices in behavioral health systems: State of the literature and future directions. *Implementation Research and Practice*. 2020. Volume 1. doi: 10.1177/2633489520939980
28. McElfish PA, **Narcisse MR**, Felix HC, Cascante DC, Nagarsheth N, Teeter B, Faramawi M. Race, Nativity, and Sex Disparities in Human Papillomavirus Vaccination among Young Adults in the US. *J Racial Ethn Health Disparities*. 2021 Oct;8(5):1260-1266; doi: 10.1007/s40615-020-00886-5. PMID: 33033889 (*)
29. **Narcisse MR**, Felix HC, Long CR, English ES, Bailey MM, McElfish PA. Food Insecurity and Depression among Low-Income Adults in the United States: Does Diet Diversity Play a Role? Findings from the 2013-14 National Health and Nutrition Examination Survey. *Public Health Nutr*. 2021 May; 24(7):1877-1888. doi:10.1017/S1368980020004644. PMID: 33190667 (*)
30. **Narcisse MR**, Rowland B, Long CR, Felix HC, McElfish PA. Heart Attack and Stroke Symptoms Knowledge of Native Hawaiians and Pacific Islanders in the United States: Findings from the National Health Interview Survey. *Health Promot Pract*. 2021 Jan; 22(1):122-131. doi: 10.1177/1524839919845669. PMID: 31018704 (*)
31. Long CR, **Narcisse MR**, Bailey MM, Rowland B, English E, McElfish PA. Food insecurity and chronic diseases among Native Hawaiians and Pacific Islanders in the US: Results of a population-based survey. *Journal of Hunger and Environmental Nutrition*. 2021 Jan;17:1, 53-68. doi: 10.1080/19320248.2021.1873883 (*)
32. McElfish PA, Long CR, Bursac Z, Scott AJ, Chatrathi HE, Sinclair KA, Nagarsheth N, Calcagni M, Patolia J, **Narcisse MR**. Examining elevated blood pressure and the effects of diabetes self-management education on blood pressure among a sample of Marshallese with type 2 diabetes in Arkansas. *PLOS One*. 2021 Apr;16(4):e0250489. doi: 10.1371/journal.pone.0250489 (*)
33. Walter CS, **Narcisse MR**, Vincenzo J, Felix HC, McElfish PA. Associations between physical activity and functional limitations in Native Hawaiian and Pacific Islander middle-age and older adults in the United States. *Ethnicity and Health*. 2021 May; 1-14. doi: 10.1080/13557858.2021.1921120. PMID: 33951984 (*)
34. McElfish PA, Scott AJ, Rowland B, Felix HC, **Narcisse MR**, Kaminicki KF, Long CR, Selig JP. Investigating the association between English proficiency and general health among Marshallese adults in the United States. *J Health Care Poor Underserved*. 2021; 32:724-736 (*)

35. Walter CS, **Narcisse MR**, Vincenzo J, McElfish PA, Felix H. Description of Variation in Age of Onset of Functional Limitations of Native Hawaiian and Pacific Islanders compared to Other Racial and Ethnic Groups. Racial and Ethnic Disparities in Chronic Conditions among Older Adults Special Issue. *International Journal of Environmental Research and Public Health*. 2021 Mar;18(5), 2445; doi: 10.3390/ijerph18052445 (*)
36. Wang ML, **Narcisse MR**, Alatorre S, Kozak AT, McElfish PA. Neighborhood social cohesion, physical activity, and obesity outcomes among Native Hawaiian and Pacific Islander individuals. *Obesity*. 2021 Dec; 30(1): 249-256. doi:10.1002/oby.23298 (*)
37. McElfish PA, **Narcisse MR**, Selig JP, Felix HC, Scott AJ, Long CR. Effects of Race and Poverty on Sleep Duration: Analysis of Patterns in the 2014 Native Hawaiian and Pacific Islander National Health Interview Survey and General National Health Interview Survey Data. *J Racial Ethn Health Disparities*. 2021 Aug;8(4):837-843. doi: 10.1007/s40615-020-00841-4. PMID: 32815121 (*)
38. **Narcisse MR**, Shah SK, Felix HC, Dobbs PD, McElfish PA. Association of Psychological Distress and Current Cigarette Smoking among Native Hawaiian and Pacific Islander Adults and Compared to Adults from Other Racial Ethnic Groups: Data from the National Health Interview Survey, 2014. *Preventive Medicine Reports*. 2022 Dec; 25:101660. doi: 10.1016/j.pmedr.2021.101660. PMID: 34950562 (*)
39. Sefcik JS, Felix HC, **Narcisse MR**, Vincenzo JL, Weech-Maldonado R, Brown CC, Bradway CK. Nursing home directors of nursing experiences regarding safety among residents with obesity. *Geriatr Nurs*. 2022 Sep-Oct;47:254-264. doi: 10.1016/j.gerinurse.2022.08.002. Epub 2022 Aug 22. PMID: 36007426; PMCID: PMC9979081
40. Long CR, **Narcisse MR**, Rowland B, Faitak B, Bailey MM, Gittelsohn J, Caspi CE, Niemeier J, English ES, McElfish PA. Food Pantry Use Patterns are Associated with Client Sociodemographics and Health. *Journal of Hunger & Environmental Nutrition*. 2022. 17(3): 408-424. doi:10.1080/19320248.2021.2001404 (*)
41. Shah SK, **Narcisse MR**, Hallgren E, Felix HC, McElfish PA. Assessment of Colorectal Cancer Screening Disparities in US Men and Women Using a Demographically Representative Sample. *Cancer Research Communications*. 2022;2(6):561-569. doi:10.1158/2767-9764.CRC-22-0079 (*)
42. **Narcisse MR**, Andersen JA, Felix HC, Hayes CJ, Eswaran H, McElfish PA. Factors associated with telehealth Use among adults in the United States: Findings from the 2020 National Health Interview Survey. *J Telemed Telecare*. 2022 doi:10.1177/1357633X221113192. PMID: 35892167
43. Wang M, **Narcisse MR**, McElfish P. Higher Walkability Associated with Increased

- Physical Activity and Reduced Obesity among US Adults. *Obesity*. Obesity (Silver Spring). 2023;31(2):553-564. doi:10.1002/oby.23634
44. Long CR, **Narcisse MR**, Selig JP, Willis DE, Gannon M, Rowland B, English ES, McElfish PA. Prevalence and associations between food insecurity and overweight/obesity among Native Hawaiian and Pacific Islander adolescents. *Public Health Nutr*. 2023 Jul;26(7):1338-1344. doi: 10.1017/S1368980023000769. Epub 2023 Apr 18. PMID: 37069046; PMCID: PMC10346012 (*)
45. Hallgren E, **Narcisse MR**, Andersen JA, Willis D, Thompson T, Bryant-Smith G, McElfish P A; Medical Financial Hardship and Food Security among Cancer Survivors in the United States. *Cancer Epidemiol Biomarkers Prev*. August 2023; 32 (8): 1038–1047. doi: 10.1158/1055-9965.EPI-22-1044
46. **Narcisse MR**, Shah SK, Hallgren E, Felix HC, Schootman M, McElfish PA. Factors associated with breast cancer screening services Use among women in the United States: An application of the Andersen's Behavioral Model of Health Services Use. *Prev Med*. 2023 Aug;173:107545. doi: 10.1016/j.ypmed.2023.107545. Epub 2023 May 16. PMID: 37201597
47. Felix HC, Brown CC, **Narcisse MR**, Vincenzo JL, Weech-Maldonado R, Bradway CK. Characteristics of nursing homes with high percentages of falls and falls with injuries among residents with obesity. *Geriatr Nurs*. 2023 Sep-Oct;53:191-197. doi: 10.1016/j.gerinurse.2023.07.017. Epub 2023 Aug 2. PMID: 37540915; PMCID: PMC10976471
48. Felix H, Brown C, **Narcisse MR**, Vincenzo J, Bradway C, Weech-Maldonado R. Characteristics of United States nursing homes with high percentages of stage 2–4 pressure injuries among high-risk nursing home residents with obesity. *Wound Pract Res*. 2023 Dec;31(4):174-181. doi: 10.33235/wpr.31.4.174-181. PMID: 38737330; PMCID: PMC11084039
49. Felix HC, Brown C, **Narcisse MR**, Vincenzo J, Andersen JA, Weech-Maldonado R. Characteristics of Nursing Homes with High Rates of Urinary Tract Infections among their Residents with Obesity. *Urol Nurs*. 2023 Nov-Dec;46(3):273-303. doi: 10.7257/2168-4626.2023.43.6.273. PMID: 38774393; PMCID: PMC11105761
50. Park YM, Baek JH, Lee HS, Elfassy T, Brown CC, Schootman M, **Narcisse MR**, Ko SH, McElfish PA, Amick BC, L SS, Han K. Longitudinal associations of sustained low or high income and income variability with incident cardiovascular disease in individuals with type 2 diabetes: a retrospective population-based cohort study. *European Heart Journal* (2024), 1–14. doi: 10.1093/eurheartj/ehae132
51. Park Y , Amick BC , McElfish PA , Brown CC , Su LJ , Schootman M , **Narcisse MR**,

- Choi YJ , Han K. Income dynamics and risk of colorectal cancer in individuals with type 2 diabetes: a nationwide population-based cohort study. *J Epidemiol.* 2024 Jul 6. doi: 10.2188/jea.JE20230310. Epub ahead of print. PMID: 38972733
52. Walter CS, **Narcisse MR**, Felix HC, Rowland B, Selig JP, McElfish PA. Association Between Physical Activity and Physical Function in a Marshallese Population with Type 2 Diabetes. *J Immigr Minor Health.* 2024 Apr;26(2):361-370. doi: 10.1007/s10903-023-01551-9. Epub 2023 Oct 21. PMID: 37864639; PMCID: PMC10983015 (*)
53. Wang ML, **Narcisse MR**, Togher K, McElfish PA. Job Flexibility, Job Security, and Mental Health Among US Working Adults. *JAMA Netw Open.* 2024;7(3):e243439. Published 2024 Mar 4. doi:10.1001/jamanetworkopen.2024.3439
54. **Narcisse MR**, McElfish PA, Schootman M, Selig JP, Kirkland T, McFarlane SI, Felix HC, Seixas A, Jean-Louis G. Type 2 diabetes and health-related quality of life among older Medicare beneficiaries: The mediating role of sleep. *Sleep Med.* 2024 May;117:209-215. doi: 10.1016/j.sleep.2024.03.015. Epub 2024 Mar 14. PMID: 38593616 (*)
55. **Narcisse MR**, McElfish PA, Hallgren E, Pierre-Joseph P, Felix HC. Non-Use and Inadequate Use of Cervical Cancer Screening among a Representative Sample of Women in the United States. *Frontiers in Public Health*, 12. Doi:10.3389/fpubh.2024.1321253
56. **Narcisse MR**, Wang ML, Schootman M, DelNero P, Schwarz AG, McElfish PA. Physical activity among cancer survivors: do neighborhood walkability and metropolitan size play a role? *J Cancer Surviv.* 2024 May 22. doi: 10.1007/s11764-024-01584-5. Epub ahead of print. PMID: 38775900
57. **Narcisse MR**, Wang, ML, Stanford, FA, Schwarz, AG, McElfish, PA. Racial/Ethnic Differences in the Age-Varying Association Between Adherence to 8–5–2–1–0 Guidelines in Adolescents with High BMI. *Journal of Racial and Ethnic Health Disparities.* 2024 Sep 3. doi: 10.1007/s40615-024-02102-0. Epub ahead of print. PMID: 39227545 (*)
58. Willis DE, **Narcisse MR**, James L, Selig JP, Ason M, Scott AJ, Cornett LE, McElfish PA. Vaccine Hesitancy or Hesitancies? A Latent Class Analysis of Pediatric Patients' Parents. *Clin Transl Sci.* 2025 Jan;18(1):e70042. doi: 10.1111/cts.70042. PMID: 39783703; PMCID: PMC11713929
59. Jeanty, PW, **Narcisse MR** and Crastes Dit Sourd R. (2025). "Editorial: Artificial intelligence, machine learning, and data-mining techniques to increase cost-effectiveness in healthcare." *Frontiers in Public Health*. 12. [doi:10.3389/fpubh.2024.1525628](https://doi.org/10.3389/fpubh.2024.1525628)

60. Hall, P, Robinson L, Thomas, B., Randolph Cunningham S., Burlew A., **Narcisse, MR.** Sociocultural Factors Related to COVID Vaccine Status in African Americans. Manuscript ID: JBP-23-01-006.R2. *The Journal of Black Psychology*. Forthcoming (*)
61. Wang M, **Narcisse MR**, Rodriguez K, McElfish PA. Gender Disparities in Job Flexibility, Security, Psychological Distress, and Work Absenteeism and Presenteeism among US Adults. Manuscript ID: SSMPH-D-24-01495R1 *Population Health*. doi.org/10.1016/j.ssmph.2025.101761 (*)
62. Wang M, **Narcisse MR.** Discrimination and Depression and Anxiety among US Adults. Manuscript ID: JNO24-15795. *JAMA Network Open*. 2025;8(3):e252404. [doi:10.1001/jamanetworkopen.2025.2404](https://doi.org/10.1001/jamanetworkopen.2025.2404) (*)

OTHER NON-PEER-REVIEWED PUBLICATIONS

1. Fairbrother G, Madhavan G, Watring J, Goudie A, Jones K, Ranbom L, **Narcisse MR**, Simpson L. Monitoring Enrollment and Retention of Children in Ohio Medicaid Programs: Duration Churning, and Turnover. 2011
2. Goudie, A, **Narcisse MR**, Hall, D. Stressors Associated with Caring for Children with Complex Health Conditions in Ohio, 2011

PUBLICATIONS SUBMITTED OR IN PREPARATION

1. **Narcisse MR**, Moise R, McElfish PA, Felix HC, Kirkland T, Jean-Louis G. Sleep Duration Associated with Acute Care Utilization: Revisiting Andersen's Behavioral Model of Health Services Use. Manuscript ID: SLEEPHEALTH-D-24-00357. *Sleep Health: Journal of the National Sleep Foundation*. Revised and resubmitted. 2025
2. Richard P, **Narcisse MR**, Gedeon D, [...] DeGraba, T. Health Services Utilization and Costs Associated with Traumatic Brain Injury: Incremental Burden of Sleep Disorders. Submitted to *Sleep Advances*. 2025
3. **Narcisse MR**, Blanc J, Chery M, McElfish PA, Seixas A, Bernard MA, Briggs AQ, Rogers A, Locklear C, Sanchez Alfonso A, Jean-Louis G. COVID-19 Associated with Shorter Sleep Duration among American Adults: Findings from the National Health Interview Survey. Submitted to *Epidemiology and Health*. 2024
4. **Narcisse MR**, Hallgren E, Andersen JA, Selig JP, McElfish PA. Disrupted Cancer Care and Other Medical Care Related to Cancer: Findings from the National Health Interview Survey, 2020. Submitted to *Medical Care*. 2024
5. Richard R, Gedeon D, Gibson N, **Narcisse MR**, Ghim S., Yoon. Using Instrumental Variables to Identify the Medical Care Costs Burden of Traumatic Brain Injury. Submitted to *Annual Reviews-Economics*. 2024
6. **Narcisse MR**, Refinetti R, Seixas A, Jean-Louis, G. Racial/Ethnic and Sex Differences in Circadian Rest-Activity Rhythm Patterns: Findings from a Sample of the US Population. In progress (*)
7. **Narcisse MR** et al. The Social Determinants of Health and Sleep Health: A Latent Class Analysis. In progress (*)
8. **Narcisse MR** et al. Association between Ambient Light Exposure and Sleep Duration among American Adults from Varying Race/Ethnicities: Findings from the National Health and Nutrition Examination Survey. In progress (*)
9. **Narcisse MR** et al. Associations between Sleep Health and Injuries among Adults in the US: Findings from the National Health Interview Survey. In progress
10. **Narcisse MR** et al. Associations between the Oral and Gut Microbiomes with Sleep and Circadian Rhythms Disorders. A Systematic Review and Meta-Analysis. In progress
11. **Narcisse MR**, Barker D, Wolff J, Carskadon M. Sleep Duration Moderates the Association Between Bullying and Suicide Attempts among US Adolescents. In progress
12. **Narcisse MR**, Barker D, Mason, G. Sharkey K. Associations Between Parental Anxiety,

- Psychological Distress, and Infant Sleep Difficulties. In progress
13. **Narcisse MR**, et al. Sleep Health, Light Exposure, and Depressive Symptoms among Young Adults. In progress

ABSTRACTS FOR CONFERENCE PRESENTATIONS

NATIONAL

1. **Narcisse MR**. The Medical Home: New Direction for Tackling Childhood Obesity in Pennsylvania. SEC Symposium on Obesity, Atlanta, Georgia, 2014
1. Suh HG, **Narcisse MR**, Johnson E, Cardenas V, Jansen LT, Kavouras SA. Water Intake and Hydration State Is Associated with Insulin Resistance in Healthy Adults: NHANES 2009-2012. *Medicine and Science in Sports and Exercise*. 2017; 47(5). doi: 10.1249/01.mss.0000517823.10086.aa
2. Payakachat N, Long CR, **Narcisse MR**, McElfish PA. Health and Use of early intervention/special education of Native Hawaiian and Pacific Islander children with developmental disabilities: United States, 2014. *Quality of life research*. Volume26, Issue1, Page75-75, Supplement S (*)
3. Matthews EE, Li C, Long CR, **Narcisse MR**, Martin BC, McElfish PA, Sleep Deficiency among Native Hawaiian/Pacific Islanders: Analysis of the National Health Interview Survey Data, Sleep, Volume 41, Issue suppl_1, April 2018, Pages A274–A275, <https://doi.org/10.1093/sleep/zsy061.739>
4. **Narcisse MR**. Closing Diversity Gaps in Patenting: What is the United States Patent and Trademark Office Up To? Patent Bootcamp for Women and Minorities in STEM. University of Arkansas, Fayetteville, Arkansas, 2019 (*)
5. **Narcisse MR**. Evaluation of Double Up Food Bucks in Arkansas, Human Nutrition Conference, Fayetteville, Arkansas, 2019
6. Dopp AR, **Narcisse MR**. Strategies for Financing the Implementation and Scaling of Evidence-Based Practices: A Research Agenda and Case Examples. 13th Annual Conference on the Science of Dissemination and Implementation. Academy Health, Washington, DC, 2020
7. Richard P, Gedeon D, **Narcisse MR**, et al. Provider Differences in Cost and Quality of Primary Care Services Provided to Patients with Mild Traumatic Brain Injury in Military Treatment Facilities. The 11th Annual Conference of the American Society of Health Economists, Austin, Texas, 2022
8. Richard P, **Narcisse MR**, et al. Drivers of Hospitalization Utilization and Costs among Active-Duty and Non-Active-Duty Service Members: The Multiplicative Effect of Traumatic Brain Injury and Sleep Disorders. The 11th Annual Conference of the American Society of

Health Economists, Austin, Texas, 2022

9. **Narcisse MR**, Bernard M, Briggs A, Locklear C, Rogers A, Sexias A, Jean-Louis G. COVID-19 Is Associated with Shorter Sleep Duration among American Adults, *Sleep*, Volume 45, Issue Supplement_1, June 2022, Page A269, <https://doi.org/10.1093/sleep/zsac079.610>
10. Moore J, **Narcisse MR**, Bernard M, Briggs A, Rogers A, Grandner M, **MR**. Seixas, A, Jean-Louis, G. Association between Ambient Light Exposure, Race/Ethnicity, and Vitamin D among Adults in the United States: Analysis of the National Health and Nutrition Examination Survey. 2022 May. *SLEEP*. 45(Supplement_1). doi: 10.1093/sleep/zsac079.615 (*)
11. Locklear C, **Narcisse MR**, Seixas A, Martin CM, Moise R, Turner AD, Blanc J, Rogers A, Jean-Louis, G. Associations between Sleep Health and Injuries among Adults in the US: Findings from the National Health Interview Survey. *Sleep*, Volume 46, Issue Supplement_1, May 2023, Pages A359–A360, <https://doi.org/10.1093/sleep/zsad077.0817>
12. Moise R, **Narcisse MR**, Locklear C, Turner AD, Grandner M, Seixas A, Jean-Louis G. The Social Determinants of Health and Sleep Health: A Latent Class Analysis. *SLEEP*, vol. 46, no. 1, 2023, pp. A410 (*)
13. **Narcisse MR**, Sharkey K, Mason G, Barker D. Associations Between Parental Anxiety, Psychological Distress, and Infant Sleep Difficulties. *SLEEP*, Volume 47, Issue Supplement_1, May 2024, Page A353, <https://doi.org/10.1093/sleep/zsac067.0823>
14. **Narcisse MR**, Barker D, Wolff J, Carskadon M. Sleep Duration Moderates the Association Between Bullying and Suicide Attempts among US Adolescents. *SLEEP*, Volume 47, Issue Supplement_1, May 2024, Pages A348–A349, <https://doi.org/10.1093/sleep/zsac067.0813>
15. Park YM, Baek JH, Lee HS, et al. Income variability and incident cardiovascular disease in diabetes: a population-based cohort study. *Eur Heart J*. 2024;45(21):1920-1933. doi:10.1093/eurheartj/ehae132
16. **Narcisse MR**. The Impact of Parents' Everyday Discrimination on Infant Sleep: Evidence from The National Health Interview Survey. 2025 Canadian Sleep Society's National Conference. March 2025. Montreal, Canada (*)
17. **Narcisse MR**. Discrimination and Depression and Anxiety among US Adults. Mind Brain Research Day. Department of Psychology and Human Behavior. Brown University. March 2025
18. **Narcisse MR** et al. Associations of Sleep and Oral Microbiome Among Adolescents and Young Adults in the United States. Seattle, WA. June 2025

19. **Narcisse MR** et al. *Weapon-carrying in US High Schools Is Associated with Insufficient Sleep: 2009-2023*. Seattle, WA. June 2025

INTERNATIONAL CONFERENCES

1. **Narcisse MR**. *Social Classes and Smoking in Canada*. The Canadian Association for the Promotion of Science, Montreal, Canada, 2008
2. **Narcisse MR**. *Longitudinal Analysis of Cigarette Smoking in Canada*. Congress of Canadian Economic Society, Alberta, Canada, 2008

SCHOLARLY WORK PUBLISHED IN OTHER MEDIA

1. Hemphill, N. Consider COVID-19 history when addressing sleep deprivation. *Healio News*. June 06, 2022
2. Mckoy, J. US Neighborhood Walkability Influences Physical Activity, BMI Levels. *Health inequities*. School of Public Health. February 2, 2023
3. Wise, D. UAMS Researchers Find Black, Hispanic Women More Likely than White Women to Get Routine Mammograms. October 11, 2023 (*)
4. Job Flexibility, Job Security, and Mental Health among US Working Adults. <https://jamanetwork.altmetric.com/details/161148980/news>. ALTMETRICS 259. **TOP 5% of all research outputs scored**
5. Discrimination, Depression, and Anxiety among US Adults. <https://jamanetwork.altmetric.com/details/175592027>. ALMETRICS 240. **TOP 5% of all research outputs scored** (*)

INVITED PRESENTATIONS

NATIONAL PRESENTATION

Benefits to School Communities, At-Risk Populations, and Economies. National Conference on Adolescent Sleep and School Start Times, Baltimore, Maryland, October 2024

REGIONAL PRESENTATION

1. *Waking Up to the Importance of Sleep: A Call for Rapid Equity Movement*. Neuroscience-NIH Partnership Program. Woods Hole, Massachusetts, April 2024 (*)
2. *Sleep and Circadian Rhythm Phenotypes in Adolescent Depression: Exploring The Role of the Oral Microbiome*. Forsyth, Boston, Massachusetts, November 2024

GRANTS

Funded-Past

1. *Comparing Diabetes Prevention Programs in Pacific Islanders (*)*
Agency: Patient-Centered Outcomes Research Institute
Award Type: Research Award
Dates of Award: 2017-2020
Role: Senior Data Analyst
2. *Evaluation of Double Up Food Bucks in Arkansas, Arkansas Nutrition, Obesity, and Health*
Agency: University of Arkansas, Fayetteville
Award Type: Research Pilot Grant
Dates of Award: 2018-2019
Role: Co-Investigator
3. *Safety Outcomes of Obese Residents in US Nursing Homes*
Agency: Agency for Healthcare Research and Quality
Award Type: Research Award (R01HS025703)
Dates of Award: 2018-2024
Role: Senior Data Analyst
4. *Family-Based Diabetes Self-Management Education Outcomes in Comparison to Standard Diabetes Self-Management Education (*)*
Agency: Centers for Disease Control and Prevention
Award Type: Research Award (CER-2018C3-14727)
Dates of Award: 2020-2026
Role: Senior Data Analyst
5. *Assessing Racial/Ethnic Differences in the Adherence to Obesity Prevention Guidelines among Adolescents (*)*
Agency: Arkansas Children's Research Institute
Award Type: Research Award
Dates of Award: 2020-2024
Role: Principal Investigator
6. *Type 2 Diabetes and Health-Related Quality of Life among Older Medicare Beneficiaries: The Mediating Role of Sleep (*)*
Agency: Program to Increase Diversity in Faculty Engaged in Behavioral and Sleep Medicine -National Heart, Lung, and Blood Institute (NHLBI)
Award Type: Research sub-award
Dates of Award: 2020-21
Role: Principal Investigator

Narcisse, Marie-Rachelle

7. *Association of 24-Hour Ambient Light Exposure with Depression, Fatigue, and Sleep among a Representative Sample of Cancer Survivors in the United States: The Moderative Role of Rurality (*)*

Agency: STARS DEI, Translational Research Institute

Award Type: Research Award

Dates of Award: 2018-2023

Role: Principal Investigator

Funded-Current

Sleep and Circadian Rhythm Phenotypes in Adolescent Depression: Exploring the Role of the Oral Microbiome

Major Goals: This COBRE will establish a Center on Sleep and Circadian Rhythms in Child and Adolescent Mental Health at the EP Bradley Hospital with the objective to establish and build a comprehensive and Sustainable resource to support the growth of pediatric sleep, circadian rhythms, and mental health research while providing mentorship of junior Project Leaders for research and for transitioning to independent scientific careers with external funding.

Status of Support: Active/Research Project

Project Number: P20GM139743

Name of PD/PI: Carskadon, M.A.

Source of Support: National Institute of General Medical Sciences (NIGMS)

Primary Place of Performance: Bradley Hospital, RI

Project/Proposal Start and End Date: 2021-2026

UNIVERSITY TEACHING, ADVISING, AND MENTORING ROLES

TEACHING

2006

Structural Equation Modeling - Postgraduate workshop
Quebec Interuniversity Centre for Social Statistics, Montreal,
Canada

2012 **Statistics in Nursing** (ESRM 2403) - Undergraduate semester course

University of Arkansas, Eleanor Mann School of Nursing,
Fayetteville, United States

2014 - 2015 **Nursing Honors Thesis Tutorial** (NURS 3901H) –
Undergraduate semester course

University of Arkansas, Eleanor Mann School of Nursing,
Fayetteville, United States

2014 - 2015 **Healthcare Economics and Finance** (NURS 6233) – Doctoral-
level semester course

University of Arkansas, Eleanor Mann School of Nursing,
Fayetteville, United States

OTHER TEACHING

2021 **10 Warning Signs of Alzheimer’s Disease**

Alzheimer's Association/Arkansas Chapter

2021 **Understanding Alzheimer's and Dementia**

Alzheimer's Association/Arkansas Chapter

MENTORING

2015 **Undergraduate Honors Thesis Advisor (*)**

Elizabeth Alvarez

*Assessing Quality of Life, Psychological Well-Being, and
Depression in Hispanic American Women: Does Cultural
Competence Matter?*

The Eleanor Mann School of Nursing

University of Arkansas, Fayetteville, United States

2015 **Undergraduate Honors Thesis Advisor**

Marie Mackenzie Plum

*Comparing Access to Medical Homes for Children Aged 6-17
Years with ADD/ADHD and Autism in Arkansas*

The Eleanor Mann School of Nursing

University of Arkansas, Fayetteville, United States

2015 **Undergraduate Honors Thesis Advisor**

Culver Randolph

- 2015 *Weight Management of Diabetic Patients: Can Text Messaging Help?*
The Eleanor Mann School of Nursing
University of Arkansas, Fayetteville, United States
Undergraduate Honors Thesis Co-Advisor
Samantha Hieger
- 2015 *Type 2 Diabetes Related to Chronic Health Disease, Health Status, and Effect on Quality of Life*
The Eleanor Mann School of Nursing
University of Arkansas, Fayetteville, United States
Undergraduate Honors Thesis Co-Advisor (*)
Elizabeth Danielle Koster
- 2022 *Investigating Disparities in Behavior and Care Between Alaska Native and White Victims of Sexual Violence: The Importance of Culturally Competent Nursing Care*
The Eleanor Mann School of Nursing
University of Arkansas, Fayetteville, United States
Mentor (Two Students)
Analyzing Health Surveys (BIOS 5324) (remote): Fundamentals of Survey Sampling and Analysis of National Health Surveys, Applied Statistical Analysis Techniques, and Conducted a Final Analysis Project
University of Arkansas for Medical Sciences, Biostatistics Department, Fayetteville, United States
- 2023 **Mentor**
Clarence Locklear (Diverse doctoral student) (*)
Associations Between Sleep Health and Injuries among Adults in the US: Findings from the National Health Interview Survey
University of Miami School of Medicine, Florida, United States
- 2023 **Mentor**
Jesse Moore (Diverse doctoral student) (*)
Survey Sampling and Analysis of National Health Surveys
University of Miami School of Medicine, Florida, United States

COMMITMENT TO DIVERSITY, EQUITY, INCLUSION, JUSTICE & ANTI-RACISM

See manuscripts and activities marked with an asterisk (*) throughout the document

Teaching, Mentoring, and Advising

Narcisse, Marie-Rachelle

- Mentored/advised underrepresented students to assist in thesis research writing, statistical methods, and career advancement
- Mentored/advised students on thesis research on cultural competence in healthcare

Research & Scholarship

- Projects, manuscripts, posters, and abstracts on topics related to health disparities and DEI

Other Teaching

- Work with vulnerable populations (e.g., minorities afflicted with Alzheimer's disease)

Oral Presentations

- *Waking up to the Importance of Sleep: A Call for a Rapid Equity Movement*. Brown-Neuroscience-NIH Partnership Program. Woods Hole, 2024 (*)
- *What Does Emancipation Mean to You: My Academic Journey as a Black Immigrant Woman*". Girls State. Juneteenth, 2024\

Service, Organizations, Professional Work

- Program Director of Health Equity Strategic Initiatives (NAAHP)

DPHB Opportunities

- Featured in "Diversity Speak"