

CURRICULUM VITAE

PAULE VALERY JOSEPH, Ph.D., RN, EMBA, MS, FNP-BC, CTN-B, FAAN

Work Address

Section of Sensory Science and Metabolism (SenSMet)
DHHS NIH NIAAA DICBR
Building 60, Room 256 Bethesda, MD 20892- 4733

📍 9707 Bellevue Dr. Bethesda, MD 20814

☎ 917-783-4541

✉ paule.joseph@nih.gov

Phone

301-827-5234 | 301-339-4869

Fax

301-480-1413

EDUCATION AND CERTIFICATIONS

2004 | Nursing

Hostos Community College, Bronx, NY. **LPN.**

2005 | Nursing

Hostos Community College, Bronx, NY. **AAS.**

2008 | Nursing

College of New Rochelle, New Rochelle, NY. **BSN magna cum laude.**

2010 | Family Nurse Practitioner

Pace University, New York City, NY. **MS.**

2015 | Nursing and Genomics

University of Pennsylvania, Philadelphia, PA. **PhD.**

2023 | Data Analysis, Strategic Thinking and Advanced Corporate-Level Strategy Specialization, US Business Law

Quantic School of Business and Technology, Washington, DC. **Executive master's in business administration.**

Valid Until, November 2025 | Family Nurse Practitioner with Prescriptive Privileges

Family Nurse Practitioner State of New York. **FNP-BC.**

Valid Until, April 2024 | Certified Registered Nurse Practitioner – Family

Certified Registered Nurse Practitioner – Family State of Pennsylvania **NP.**

Valid Until, December 2025 | Certified Registered Nurse Practitioner – Family

Certified Registered Nurse Practitioner – Family State of Maryland. **NP.**

Valid Until, November | 2025 Registered Nurse

Registered Nurse State of New York. **RN.**

Valid Until, April 2024 | Registered Nurse

Registered Nurse State of Pennsylvania. **RN.**

Valid Until, December | 2024 Registered Nurse

Registered Nurse State of Maryland. **RN.**

Valid Until, December 2024 | Registered Nurse
Registered Nurse State of Virginia. **RN.**

No expiration | 1780980201
National Provider Identifier. **NPI.**

Valid Until, July 2025
Basic Life Support Provider. **BLS.**

Valid Until, July 2025
Advance Life Support Provider. **ACLS.**

POSTDOCTORAL TRAINING

Jul 2015 - 2018
National Institutes of Health, National Institute of Nursing Research (NINR)
Digestive Disorder Unit/Biobehavioral Branch
Clinical and Translational Research Postdoctoral Fellowship
Focus: Obesity, metabolism, pharmacogenetics, microbiome, genetics

Sept 2022 - Present
National Academy of Medicine (NAM)
NAM Fellowships for Health Science Scholars
2022-2024 American Academy of Nursing Fellow at National Academy of Medicine

PROFESSIONAL ASSOCIATIONS AND SERVICES

2022 - Present
Guest Researcher, Rockefeller University (Starts September, 2023)
Member, Forbes Black Leaders
Member, Royal Society of Medicine
Member, The Assembly Women Leaders
Volunteer, Association for Women in Science, Washington DC Chapter
Founding Member, Nurveau by Innovance Health
Member, National Black Nurses Association; Black Nurses Association Greater DC Area

2021 - Present
Member, National Hispanic Science Network (NHSN)

2021 - 2022
Founding Member and Advisory Board, The Smell and Taste Association of North America (STANA)

2020 - 2022
Founding Member and Team Lead, Global Consortium of Chemosensory Research (GCCR)

2018 - 2020
Founding Member, Haitian American Scholars Association
Member, Society of Sensory Professionals

2018 - Present
Director of Mentorship and Career Development, The African Research Academies for Women, Ghana
West Africa

2017

Member, African Society of Human Genetics

2016 - Present

Co-founder and Co-Chair, Genomics and Health Disparities Interest Group (NIH)

2014

Co-founder and Member, Latino Nurses Network

Mentor, Network of Minority Health Research Investigators (NMRI),

National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)

Mentor, Student Mentorship Program for Hispanic Health Research (sMPH2r),

Hispanic-Serving Health Professions Schools (HSHPS)

Member, American Society of Nutrition (ASN)

Member, Association for Chemoreception Sciences (ACHEMS)

2015 - 2020

Former Vice President

Amazing Grace Children's Foundation (AGCF), New York City and Ghana West Africa

2020 - Present

Chair of Strategic Operations and Partnership

Amazing Grace Children's Foundation (AGCF), New York City and Ghana West Africa

2015 - Present

Faculty and Associate Research Volunteer (WOC), Research and Development Veterans Affairs

Caribbean Health Care System, San Juan Puerto Rico

2014

Member, Women of Color Research Network

Member, Society for Advancement of Chicanos/Hispanics, and Native Americans in Science (SACNAS)

2013 - 2014

Editor in Chief, Journal of Nursing Doctoral Student Scholarships

Vice-Chair for International Affairs, Graduate & Professional Student Assembly

University of Pennsylvania, Philadelphia, PA

2006 - 2014

Member, American Society of Legal Nurse Consultants (ASLNC)

2013

Member, Eastern Nursing Research Society (ENRS)

2012-2013

Co-chair for Doctoral Student Organization, School of Nursing

University of Pennsylvania, Philadelphia, PA

2012

Member, International Society of Nurses in Genetics (ISONG)

Member, American Society of Human Genetics (ASHG)

2006 - 2012

Member, New York State Nurses Association (NYSNA)

2011

Member, The Obesity Society (TOS)

Member, Council for the Advancement of Nursing Science (CANS)

Member and Advisory Board, Say Ah! Health Literacy

2009

Member, Transcultural Nursing Society (TCNS)

Member, New York City Medical Reserve Corps (NYC MRC)

Member, National Association of Hispanic Nurses (NAHN)

2006

Member, American Nurses Association (ANA)

2004

Member, Sigma Theta Tau

HONORS AND AWARDS

2023

- Protégé Award, The Friends of the National Institute of Nursing Research (FNINR)
- Visionary Leadership Award, Amazing Grace Children's Charity
- Society for the Study of Ingestive Behavior (SSIB) New Investigator Virtual Attendance (NIVA) program
- Most Dedicated Volunteer Award, Amazing Grace Children's Charity
- Longest Serving Volunteer Award, Amazing Grace Children's Charity
- Top 20 Clinical Research Forum Award.
- Southern Nursing Research Society Leadership Academy Award.
- Finalist, TED Fellowship (Deferred to next cycle).

2022

- National Academy of Medicine (NAM) NAM Fellowships for Health Science Scholars Award.
- Outreach Award for Outstanding Diversity, Equity, and Inclusion from Inaugural Vanderbilt Basic Sciences' Hispanic and Latin Heritage Month Awards.
- National Association of Hispanic Nurses (NAHN) Janie Menchaca Wilson Leadership Award for leadership, commitment, and contributions to NAHN and the Hispanic community.
- Council for the Advancement of Nursing Science, 2022 Brilliant New Investigator Award in recognition of your remarkable achievements since receiving your doctorate.
- 2022 NIAAA Mentoring Award for excellent mentorship.
- NIH Director's Award for extraordinary dedication, teamwork, and leadership in support of NIH's UNITE Initiative to address structural racism and promote racial and ethnic equity.
- Merit Based Scholarship, Quantic School of Business and Technology to pursue highly selective Executive MBA.

2021

- NIH Director's Award for the outstanding coordination and implementation of the COVID-19 Call Center to address health and safety concerns of the NIH workforce.
- The Ajinomoto Award for Young Investigators in Gustation or Oral Chemosensation, Association for Chemoreception Sciences (AChemS)
- National Institutes of Health (NIH) Loan Repayment Grantee, NIAAA

2020

- Named 1,000 Inspiring Black Scientists in America
- Fellow of the American Academy of Nursing (FAAN)
- 2020's 40 Under 40 Leaders in Minority Health, National Minority Quality Forum (NMQF)
- 2020's NAHN 40 under 40 Award, National Association of Hispanic Nurses
- National Institutes of Health (NIH) Loan Repayment Grantee, NINR

2019

- Lasker Clinical Research Scholar, National Institutes of Health

2018

- National Institutes of Health (NIH) Distinguished Scholar Program (DSP) First Cohort
- National Institutes of Health (NIH) Summer Mentor Training Award, High School Program
- National Institutes of Health (NIH) Loan Repayment Grantee, NINR
- Alumni Trailblazer Award, Hostos Community College
- The Ursula Laurus Citation, College of New Rochelle
- Lillian Sholtis Brunner Award for Innovation

2017

- Nominee, Sigma Theta Tau International Emerging Nurse Researcher Award
- Fellow of the New York Academy of Medicine (FNYAM)
- Fellow of the Transcultural Nursing Society (FTCNS)
- National Institutes of Health (NIH) Summer Mentor Training Award, Amgen Scholar
- Travel Award for Mathematical Obesity, University of Alabama Birmingham
- Yale University School of Nursing Diversity and Inclusion Inaugural Fellow

2016

- National Institutes of Health (NIH) Future Research Leader, Office of Workforce Diversity
- Heilbrunn Nurse Scholar Award, Rockefeller University
- National Institutes of Health (NIH) Summer Mentor Training Award, Community College Enrichment Program

2015

- Penn Nursing Teresa I. Lynch Award: Consistent Contribution to the Advancement of the School of Nursing
- Dean's Alumni Award for Outstanding Professional Contribution, Pace University

2014

- Johnson & Johnson/AACN Minority Scholars Fellowship (Second award)
- Travel Award for Genomic and Health Disparities Conference, University of Miami, Florida
- National Institutes of Health (NIH) Intramural Research Training Award
- Tuition Scholarship and Travel Award to Attend the 19th Summer Institute in Statistical Genetics (SISG), University of Washington

2013

- Johnson & Johnson/AACN Minority Scholars Fellowship
- National Institutes of Health (NIH) Intramural Research Training Award, NINR Summer Fellow

2012

- National Institutes of Health (NIH) Intramural Research Training Award, NINR Summer Genetics Institute
- Independence Blue Cross Scholarship, University of Pennsylvania
- Penn Nursing Dean's Innovation Award (Invention of Trigger Buster App), University of Pennsylvania
- The Mount Sinai Hospital Alumnae Scholarship

2011

- William T. V Fontaine Fellowship for Underrepresented Minorities in PhD,
- University of Pennsylvania
- Academic Achievement and Professional Potential Award, Pace University

2008

- Graduate Dean's School of Nursing Scholarship – Pace University
- Altman/Jonas Foundation Grant/Scholarship – Pace University

2004

- The Jewish Hospital and Medical Center of Brooklyn Scholarship Award,
- City University of New York
- The Aspire a Mas' Scholarship for Outstanding Academic Achievement, City University of New York
- Donald and Mary Ellen Passantino Award/University Student Senate, City University of New York

2002

- Sigma Theta Tau International, Nursing Honor Society
- Dean's list Honor, Hostos Community College, City University of New York

RESEARCH INTERESTS

- 1) Nutritional neuroscience and health disparities
 - 2) Molecular and neuronal mechanisms of chemosensation in obesity and substance use disorders
 - 3) Neuronal mechanisms of chemosensation and reward
- Personalized predictive models of oral-nasal-brain-gut interactions underlying eating behaviors.

PROFESSIONAL SERVICES

Scientific Review

2023

- Ad hoc Journal Reviewer, (alphabetical order): Alcohol and Alcoholism, Eating Disorders, Experimental Brain Research, Journal of Medicine and Life, Nutrients, Journal, Physiological reviews, Obesity Reviews, Scientific Reports, Western Journal of Nursing

2022

- Review Editor, Frontiers Addictive Disorders, Frontiers in Neuroscience, Neurogenetics, Nutrition and Brain Health
- Editorial Board Member of Alcohol and Alcoholism
- Associate Editor, Journal of Transcultural Nursing
- Editorial Board Member for Clinical Nursing Research
- Scientific Reports, Editorial Board Member
- Ad hoc Reviewer, National Center for Advancing Translational Sciences (NCATS), Helping to
- End Addiction Long-term® Initiative (HEAL Initiative®).
- Standing Member, Neuroscience of Interoception and Chemosensation Study Section (NIC), Integrative, Functional and Cognitive Neuroscience Integrated Review Group (IFCN), Center for Scientific Review (CSR), for a term beginning 07/01/2022 and ending 06/30/2026.
- Ad hoc Journal Reviewer, (alphabetical order): Alcohol and Alcoholism, Eating Disorders, Experimental Brain Research, Journal of Medicine and Life, Nutrients, Journal, Physiological reviews, Obesity Reviews, Scientific Reports, Western Journal of Nursing.

2021

- Editorial Board Member, Physiological Reviews until 2024
- Ad hoc Reviewer, Neuroscience of Interoception and Chemosensation Study Section
- Ad hoc Reviewer, Sensorimotor Integration Study Section
- Ad hoc reviewer, Chemosensory Systems Study Section
- Ad hoc journal reviewer (alphabetical order): Adipocyte, Alcohol and Alcoholism Biological Research for Nursing, The Journal of Medical Internet Research (JMIR), Journal of Neuroscience, Frontiers in Psychiatry, Nursing Open, Obesity Reviews

2020

- Adhoc Reviewer, RADx NIDCD/NIDCR Chemosensory competitive NOSI
- Adhoc reviewer, RADx SCENT Review Study Section
- Adhoc Reviewer, Sensorimotor Integration Study Section
- Adhoc reviewer, Chemosensory Systems Study Section
- Search Committee, Stadtman Search Health Disparities
- Editorial Board Member, BMC Nutrition
- Review Editor, Addictive Disorders, Frontiers in Psychiatry
- Ad hoc journal reviewer (alphabetical order): Biological Research for Nursing, The Journal of Medical Internet Research (JMIR), International Journal of General Medicine, BMC Nutrition, Appetite, Chemical Senses, Nutrients

2019

- Guest Editor, Biological Research for Nursing, Special Issue, Microbiome and Metabolomics
- Editorial Board Member, Health Equity
- Ad hoc Reviewer, Journal of Nutrition & Intermediary Metabolism
- Ad hoc Reviewer, Alcohol and Alcoholism
- Ad hoc Grant Reviewer, International Society of Nurses in Genetics
- Ad hoc Abstract Reviewer, Eastern Nursing Research Society

2018

- Editorial Board Member, Biological Research for Nursing
- Ad hoc reviewer, Physiology & Behavior
- Ad hoc Reviewer, Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy
- Abstract Reviewer, SACNAS, The National Diversity in STEM Conference

2017

- Ad hoc Reviewer, Cellular and Molecular Gastroenterology and Hepatology
- Ad hoc Reviewer, Biological Research for Nursing

2014-2017

- Editorial Board Member, Journal of Doctoral Students Scholarship, University of Pennsylvania

2016

- Ad hoc Reviewer, Nursing Research

2015

- Abstract Reviewer, The Obesity Society (TOS)
- Abstract Reviewer, The International Society of Nurses in Genetics (ISONG)

2011-2014

- Founding Co-editor in Chief, Journal of Doctoral Students Scholarship, University of Pennsylvania

National Institutes of Health (NIH) Services and Committees

2022 - Present

Program Director, Center for Compulsive Behaviors SEED Grant Program

2021 - Present

Member of T committee, UNITE Initiative to identify and address structural racism within the NIH-supported and the greater scientific community

Co-chair, NIH Anti-Racism Steering Committee Retention (Intramural Subcommittee)

2019 - Present

Member, NIH Nutrition Research Coordinating Committee (NRCC)

Co-chair, Psychoneuroendocrinology Scientific Interest Group NIH

2019 - 2020

Member of the Workforce Committee, Council of the National Institutes of Health Assembly of Scientists

2017 - Present

Co-chair, Genomics and Health Disparities Research Group NIH

2015 - 2017

Fellows Committee (FelCom) Representative, National Institutes of Health

Fellows Award Research Excellence (FARE) Committee Member

Regional Service

2021 - Present

Volunteer, Association for Women in Science, Washington DC Chapter

2020 - 2022

Vice President, Northeast Transcultural Nursing Society (TCNS)

2013 - 2018

Corresponding Secretary, Northeast Transcultural Nursing Society (TCNS)

2010 - 2013

Member, Large/Membership Committee Officer – Northeast Transcultural Nursing Society (NE-TCNS)

2010 - 2011

Alternate Delegate, American Nurses Association (ANA)

2008 - 2010

Unit Representative, New York State Nurses Association (NYSNA)

National Service

2022 - Present

Mentor, National Hispanic Medical Association Hispanic Leadership Development Fellowship

Co-chair of Evidence Based Practice and Research Committee for the National Association of Hispanic Nurses (NAHN)

2022 - 2023

Senior Councilor, AChemS Executive Committee

2021 - 2022

Junior Councilor, AChemS Executive Committee

2019 - 2021

Committee Member, AChemS Diversity Committee, Association for Chemoreception Sciences

2018 - 2020

Committee Member, Nominations Committee, National Association Hispanic Nurses (NAHN)

2017 - 2018

Advisor to the Associate Director on Diversity and Inclusion,
Monell Chemical Senses Center

2017 - 2018

President, Diverse Population Section, The Obesity Society (TOS)

2015 - Present

Committee Member, Communications Committee, International Society of Nurses in Genetics (ISONG)

2016 - 2018

Co-chair, Communications Committee, International Society of Nurses in Genetics (ISONG)
Chair, Nominations Committee, National Association Hispanic Nurses (NAHN)

2014 - 2018

Advisor to PhD Students, RWJ Future of Nursing Scholars

2016 - 2017

Health Advisory Member, Haitian American Caucus (HAC)
Secretary/Treasurer of the Diverse Population Section – The Obesity Society (TOS)

2010 - 2017

Medical Advisory Board, Say Ah! Health Literacy Organization

2015

Mentor-Mentee, National Research Mentoring Network
Co-founder and Member, Latino Nurses Network (LNN)
Nursing Advisory Role, Research and Development Service,
Nursing Research Initiative VA Caribbean Healthcare System

2012 - 2014

Co-chair, Metabolic Special Interest Group, International Society of Nurses in Genetics (ISONG)

2012 - 2013

Latin American Affairs Section Student Representative, The Obesity Society (TOS)

2011 - 2013

General Board Member, NY National Association of Hispanic Nurses (NAHN)

International Volunteer Service**2020-2022**

Liaison to the DEI Committee for the Global Consortium for Chemosensory Research (GCCR)

2022 - Present

Mentor for Partners in Health, Global Nursing Executive Fellowship

2019-Present

Mentor and Sponsor, Food for Life Vrindavan, Educate, Empower Serve, India

Director of Strategy, Planning and Management

2020-Present

Chair of Operations, Strategic Planning & Sustainability

Co-Chair of Public Health and Partnership Committee, Amazing Grace Children's Foundation (AGCF), Ghana, West Africa

2015-2020

Vice President and Director, Operation and Partnerships Amazing Grace Children's Foundation (AGCF), Ghana, West Africa

2013

Advisory Board Member, Health Education Action League for Haiti (Heal Haiti), Haiti, West Indies

2011

Disaster Nurse Volunteer, Global Volunteers

Meeting and Conference Organization**2020**

Co-Chair, COVID-19: A Spotlight on the Chemical Senses, International Symposium of Olfaction and Taste

Co-Chair, Sensory Nutrition I, International Symposium of Olfaction and Taste (ISOT)

2018

Planning Committee, National Association of Hispanic Nurses Leadership Retreat

2017

Host Committee, Penn Nursing is Leading to a Healthier Future

2016

Co-organizer, 3rd Annual Latino Nurses Network Symposium: "Latinos, Nursing, and History: Meeting at the Intersection"

Co-organizer, 2nd Annual Latino Nurses Network Symposium: "Latino Community Health Priorities during a Changing Political Landscape"

2015

Co-founder and Co-organizer, Inaugural Latino Nurses Network Symposium: "Nurses' Impact on Improving Health in Hispanic Communities."

2011

Intercultural Leadership Program (ILP) Immigration Committee: "Breaking Barriers: Immigration and Access in a Global World"

PROFESSIONAL WORK EXPERIENCE

Feb – Dec 2022

CEREBRAL, LUTHERVILLE, MD

Telemedicine, Certified Nurse Practitioner, Credentialed

April 2019 - Present

NATIONAL INSTITUTES OF HEALTH, BETHESDA, MD

NATIONAL INSTITUTE ON ALCOHOL ABUSE AND ALCOHOLISM/ NATIONAL INSTITUTE OF NURSING RESEARCH

Lasker Research Scholar/ Tenure Track Clinical Investigator

Certified Nurse Practitioner, Credentialed

Section of Sensory Science and Metabolism Unit (SenSMet)

Feb 2018 – Apr 2019

NATIONAL INSTITUTES OF HEALTH, BETHESDA, MD

Assistant Clinical Investigator, Biobehavioral Branch

Sensory Science and Metabolism Unit (SenSMet)

Oct 2017 – Feb 2018

NATIONAL INSTITUTES OF HEALTH, BETHESDA, MD

Nurse Consultant (Research), Biobehavioral Branch

Sensory Science and Metabolism Unit (SenSMet)

Jul 2015 - Jul 2017

UNIVERSITY OF PENNSYLVANIA HEALTH SYSTEM, PHILADELPHIA, PA

Research Associate, Gastrointestinal Surgery

Jul 2013 - Jun 2015

NATIONAL INSTITUTES OF HEALTH (NIH) – NATIONAL INSTITUTE OF NURSING RESEARCH, BETHESDA, MD

Special Volunteer (Research), Biobehavioral Branch

Sep 2012 - Jul 2013

UNIVERSITY OF PENNSYLVANIA, PHILADELPHIA, PA

Clinical Research Assistant, Penn Nursing

Jul 2011 – Jun 2015

MONELL CHEMICAL SENSES CENTER, PHILADELPHIA, PA

UNIVERSITY OF PENNSYLVANIA, PHILADELPHIA, PA

Predoctoral-Doctoral Fellow

Oct 2011 – May 2013

BAYADA NURSES, VOORHEES TOWNSHIP, NJ

Home Care Nurse

Aug 2009 – Oct 2011

WEILL CORNELL/NY PRESBYTERIAN HOSPITAL

Registered Nurse, Medicine, and Gastrointestinal Surgery

Oct 2006 – Aug 2011

THE MOUNT SINAI HOSPITAL, NEW YORK CITY, NY

Clinical Nurse, Rehabilitation Medicine, Gastrointestinal Medicine & Surgery

Prior to 2006

WHITE GLOVE AGENCY, NEW YORK CITY, NY

Registered Nurse, Float Pool

COLER-GOLDWATER MEMORIAL HOSPITAL, NEW YORK CITY, NY

Registered Nurse, Rehabilitation medicine and Geriatrics

PENINSULA CENTER FOR EXTENDED CARE AND REHABILITATION, QUEENS, NY

Registered Nurse

GRANTS, RESEARCH SUPPORT AND CONTRACTS (recent/completed):

Title: Molecular Mechanisms Underlying Individual Variations of Taste and Smell in Obesity

Source: NIH/NIAAA/NINR

Position: Principal Investigator (100%)

Project Total (2019–present)

Funded Grant Amount: Supported by intramural funds provided by the NIH Institute/Center for 5 years with optional 2 years extension. For the extramural phase (R00) applicants can request direct costs of up to \$499,000 per year.

Grant number: NIH Lasker Clinical Scholar Grant (Si2/R00)

Title: Section of Sensory Science and Metabolism; Molecular and Neuronal Mechanisms

Source: NIH/NIAAA/NINR

Position: Principal Investigator (100%)

Project Total (2017– present)

Funded Grant Amount: Supported by intramural funds provided by the NIH Institute/Center *This is Dr. Joseph's intramural grant that provided annual support, including salaries/benefits for all members of his laboratory and operational costs since FY17*

Title: Mitoquinol mesylate and n-3 polyunsaturated fatty acids: a novel therapeutic approach for RYR1-related myopathy

Source: RYR-1 Foundation

Position: Associate Investigator (30%)

Project Total (2020-2022)

Funded Grant Amount: 90,000

Title: Personalized Predictive Models of Brain-gut Interactions of Factors Underlying Human Eating Behavior, Insulin Dysregulation, and Obesity

Source: National Institutes of Health (NIH) Loan Repayment Program

Position: Principal Investigator

Project Total (2017-2020)

Funded Grant Amount: \$35,000 per year

Title: Personalized Predictive Models of Brain-gut Interactions of Factors Underlying Human Eating Behavior, Insulin Dysregulation, and Obesity

Source: National Institutes of Health (NIH) Loan Repayment Program

Position: Principal Investigator

Project Total (2020-2022)

Funded Grant Amount: \$35,000 per year

Title: Brain-gut interactions of eating behavior

Source: NIH Office of the Director, Office of Workforce Diversity
Project Total (2016-2017)
Position: Principal Investigator
Funded Grant Amount: \$100,000

Title: Sucrose Thresholds and Genetic Polymorphisms of sweet and bitter taste receptor genes in children

Source: Johnson & Johnson/AACN Minority Nurse Faculty Scholars program.
Project Total (2014-2015)
Position: Principal Investigator
Funded Grant Amount: \$36,000

Title: Genetic Sensitivity to Sweet Taste and Anthropometric Measures of Obesity

Source: University of Pittsburgh School of Nursing/ ISONG Research Award.
Project Total: 2013-2014
Position: Principal Investigator
Funded Grant Amount: \$2,500

Title: Culturally Sensitive Care for Vulnerable & Underserved Patients in NYC Cultural Competence Education for Nurses and Assistive Personnel.

Source: Jonas Center for Nursing and Veterans HealthCare
Project Total (2008-2010)
Position: Principal Investigator
Funded Grant Amount: \$500

CLINICAL AND PRECLINICAL STUDIES (recent):

2023- ongoing

Title: Effects of Sucralose on Drug Absorption and Metabolism (The SweetMeds Study)
Source: NIH/NIAAA/NINR/18AA0047
Position: Principal Investigator (100%)
Supported by the National Institutes of Health, NIAAA/NINR Intramural Research Program

Jan 2023 - ongoing

Title: Individual Variations of Taste and Smell Perception in Alcohol Use Disorder
Source: NIH/NIAAA/NINR/000421
Position: Principal Investigator (100%)
Supported by the National Institutes of Health, NIAAA/NINR Intramural Research Program

Feb 2023 - ongoing

Title: NIMH Rhythms and Blues Study: A Prospective Natural History Study of Biorhythms and Reactivity
Position: Associate Investigator (10%) leading taste and smell testing and tongue thermography
Supported by the National Institutes of Health, NIMH Intramural Research Program

May 2022 - ongoing

Title: Influences of COVID-19 vaccination on post-acute sequelae of COVID-19
Source: Global Consortium for Chemosensory Research
Position: Associate Investigator (10%) contributor of study development

Feb 2021 - ongoing

Title: The relationship of self-reported chemosensory abilities and experienced chemosensory intensities in the GCCR Taste & Smell Check

Source: Global Consortium for Chemosensory Research

Position: Associate Investigator (10%) contributor of study development

Feb 2022 - ongoing

Title: Mechanisms Underlying Individual Variations of Taste and Smell in Obesity

Source: NIH/NIAAA/NINR/000261

Position: Principal Investigator (100%)

Supported by the National Institutes of Health, NIAAA/NINR Intramural Research Program

Jan 2022 - ongoing

Title: COVID-19, home remedies and herbal medicines

Source: Global Consortium for Chemosensory Research/ Howard University

Position: Associate Investigator (10%) contributor of study development

Feb 2021 - ongoing

Title: The relationship of self-reported chemosensory abilities and experienced chemosensory intensities in the GCCR Taste & Smell Check

Source: Global Consortium for Chemosensory Research

Position: Associate Investigator (20%) contributor of study development, analysis, and manuscript

Sep 2020 - ongoing

Title: Natural History of Post-Coronavirus Disease 19 Convalescence at the National Institutes of Health

Source: NIH/NINDS/00089

Position: Associate Investigator (10%) leading taste and smell testing long-covid participants

Supported by the National Institutes of Health, NINDS Intramural Research Program

Mar 2018 - ongoing

Title: Behavioral and Molecular Correlates of a Mouse model of Fatigue Induced by Cancer Treatment

Source: NHLBI/H-0288R2

Position: Co-Principal Investigator. Designed towards understanding how fatigue, stress is contributing to taste and smell alterations in cancer.

Jan 2021 - ongoing

Title: Neurobiology of Taste, Smell, Motivation and Ingestive behaviors: Molecular and neuronal mechanisms in animal models

Source: NIH/NIAAA/NINR/ORS-60

Position: Principal Investigator (100%).

Supported by the National Institutes of Health, NIAAA Intramural Research Program

Apr 2014 - ongoing

Title: Genomics, Environmental Factors and Social Determinants of Cardiovascular Disease in African Americans Study (GENE-FORECAST)

Source: NIHGRI/14-HG-0048

Position: Associate Investigator (10%) to administer and oversee my lab staff conducting psychophysical testing (taste) for the protocol

Supported by the National Institutes of Health, NHGRI Intramural Research Program

Feb 2017 - ongoing

Title: GENE-FORECAST-Sodium Intervention Trial (GENE-FORECAST-SIT) a GENE-FORECAST call-back study

Source: NIHGR1/000070

Position: Associate Investigator (10%) to administer and oversee my lab staff conducting psychophysical testing (taste) for the protocol

Supported by the National Institutes of Health, NHGRI Intramural Research Program

Oct 2014 - ongoing

Title: Unit and Clinic Evaluation, Screening, Assessment and Management

Source: NIH/NIAAA/14-AA-0181

Position: Associate Investigator (30%) to conduct clinical assessments

Supported by the National Institutes of Health, NIAAA Intramural Research Program

CLINICAL AND PRECLINICAL STUDIES (Completed):

Sep 2020 - Nov 2021

Title: Chemosensory dysfunction as a reliable marker for COVID-19 in adults with self-reported obesity

Source: Global Consortium for Chemosensory Research

Position: Associate Investigator (50%) contributor of study development, analysis, and publication

Feb 2018 – Feb 2019

Title: Effect of Ultra Processed versus Unprocessed Diets on Energy Intake

Source: NIH/NIDDK /18-DK-0044

Position: Associate Investigator (10%) to administer and oversee my lab staff conducting psychophysical testing (taste) for the protocol

Supported by the National Institutes of Health, NIDDK Intramural Research Program

Apr 2020 – Jan 2022

Title: Transmissibility and Viral Load of SARS-CoV-2 Through Oral Secretions

Source: NIH/NIDCR/P205008

Position: Associate Investigator (10%) to administer and oversee my lab staff conducting analysis psychophysical measures for the protocol

Supported by the National Institutes of Health, NIDCR Intramural Research Program

Mar 2019 – Oct 2020

Title: Effect of Low Fat versus Low Carbohydrate Diets on Energy Metabolism

Source: NIH/NIDDK/19-DK-0067

Position: Associate Investigator (10%) to administer and oversee my lab staff conducting psychophysical testing (taste) for the protocol

Supported by the National Institutes of Health, NIDDK Intramural Research Program

Feb 2018 – Nov 2019

Title: Effect of Ultra Processed versus Unprocessed Diets on Energy Intake

Source: NIH/NIDDK /18-DK-0044

Position: Principal Investigator (10%) to administer and oversee my lab staff conducting psychophysical testing (taste) for the protocol

Supported by the National Institutes of Health, NIDDK Intramural Research Program

Mar 2019 – Jul 2020

Title: New Approaches for Empowering Studies of Asthma in Populations of African Descent

Source: NIH/NIGRI /119-HG-0092

Position: Associate Investigator (30%) to administer and oversee my lab staff conducting psychophysical testing (smell) for the protocol

Supported by the National Institutes of Health, NIGHRI Intramural Research Program

Mar 2017 – Oct 2020

Title: Exploring Gut-Brain and Brain-Gut Interactions in Alcohol Use Disorder via Microbiota

Investigations: A Pilot Study

Source: NIH/NIAAA/17-AA-0093

Position: Associate Investigator (10%) to administer Fibro Scan measures for their protocol

Supported by the National Institutes of Health, NIAAA Intramural Research Program

Feb 2018 – Dec 2019

Title: Testing a Point-of-Use Pathogen Identification Tool for Diarrhea

Source: NIH/NINR/18-NR-0040

Position: Associate Investigator (10%) to administer and oversee the entire protocol

Supported by the National Institutes of Health, NINR Intramural Research Program

Oct 2008 – Dec 2017

Title: Evaluation and Treatment Protocol for Potential Research Participants with Digestive Disorders

Source: NIH/NINR/12NR0195

Position: Associate Investigator (100%) to administer and oversee the entire protocol

Supported by the National Institutes of Health, NINR Intramural Research Program

Oct 2008 – Dec 2017

Title: Brain-gut interactions in overweight and normal weight patients with chronic abdominal pain

Source: NIH/NINR/09-NR-0064

Position: Associate Investigator (100%) to administer and oversee the entire protocol

Supported by the National Institutes of Health, NINR Intramural Research Program

Current and Past Participation in other Grants as Mentor, Collaborator or Advisor (unpaid)

K23 DC019678: Neurocognitive & neuropsychiatric impact of chemosensory alterations: Implications of olfactory dysfunction in COVID-19

Role: Mentor

PI: Jonathan Overdevest MD, PhD; Columbia University

Funding source: NIH/NIDCD

TEACHING

2016 – 2017

PACE UNIVERSITY, NEW YORK CITY, NY

Adjunct Assistant Professor, Nursing, College of Health Professions

2011 – 2015

UNIVERSITY OF PENNSYLVANIA, PHILADELPHIA, PA

Graduate Residential Advisor, Latin American Residential Program

Teaching Assistant, Nursing Graduate Department

2008 – 2010

Graduate Teaching Assistant, Nursing, Lienhard School of Nursing

2012 – 2013

REGIS COLLEGE – SCHOOL OF NURSING, WESTON, MA

Adjunct Professor, Nursing Graduate Department

2008 – 2011

HOSTOS COMMUNITY COLLEGE, NEW YORK CITY, NY

Adjunct Associate Professor, Nursing Allied Health Professions

2006 – 2013

THE MOUNT SINAI HOSPITAL OF NEW YORK, NEW YORK CITY, NY

Nurse Educator per diem, Nursing Education Department

Cultural Competence Faculty, Nursing Education

Spinal Cord Injury Faculty, Rehabilitation Medicine

Nurse Preceptor, various clinical units

PROFESSIONAL DEVELOPMENT (Workshops/Training):

2023 | NIH Individual Leadership Coaching

2023 | High Potential Women Leadership Program

2022 | Media Training and Coaching for Health Professionals

2022 | Management Seminar Series (MSS), National Institutes of Health

2022 | NIH Women in Leadership: Strategies for Success

2022 | Strengthening Causal Inference in Behavioral Obesity Research, Indiana University

2022 | Mathematical Sciences in Obesity Research, Indiana University

2021 | Anti-retaliation for Employees, National Institutes of Health

2021 | Prevention of Workforce Harassment for Employees, National Institutes of Health

2021 | Assessing Your Own Leadership Performance, National Institutes of Health

2021 | Building a Leadership Development Plan, National Institutes of Health

2021 | Implicit Bias, National Institutes of Health

2021 | Supervisors and Managers: What You Know about Whistleblower Protection, Prohibited Personnel Practices and Retaliation, National Institutes of Health

2020 | Anti-Harassment Training, National Institutes of Health

2020 | Senior Leadership Program, National Institutes of Health

2019 | Budget Process for Scientists and Science Administrators, National Institutes of Health

2019 | Managing Up, Down and Across, National Institutes of Health

2019 | Building and Inclusive Workplace for Leaders, National Institutes of Health

2019 | Gender and Leadership, National Institutes of Health

2019 | Managing Conflict and Difficult Conversations, National Institutes of Health

2019 | Supervisory Essentials Training, National Institutes of Health

2019 | Professional Development Workshop: Hiring, National Institutes of Health

Professional Development Workshop: Conflict Management

Teams and Motivation

Effective Leadership Using Principles of MBTI

2019 | How to Succeed as a Principal Investigator at the NIH: Leadership Management Skills, National Institutes of Health

2018 | Professional Development Workshop: Communication & Work Styles

MENTORSHIP

NIH Postdoctoral fellows

Rosario Jaime-Lara PhD, FNP

University of Pennsylvania, Philadelphia, PA (2014 – 2018)
Clinical and Translational Postdoctoral Fellow (2018–2022)
Current Position: Tenure-Track Investigator, UCLA

NIH Visiting fellows

Khushbu Agarwal, PhD

All India Institute of Medical Sciences, New Delhi (2011-2017)
Current Position: Visiting Fellow (2020-Present)

Markos Woldeyohannes, MD, Ph.D.

University of Copenhagen, Copenhagen, Denmark (2017)
African Postdoctoral Training Fellow (2019–2021)
Current Position: Professor at St. Paul's Hospital Millennium Medical College, Ethiopia

Carlotta Vizioli, PhD, MSc

Universidad Autónoma de Madrid, Madrid, Spain (2012-2017)
Visiting Fellow (2019–2021)
Current Position: Research Fellow National Institute of Neurological Disorders and Stroke (NINDS)

NIH Graduate Partnership

Stephanie Chidester PhD, BSN, RN

University of Missouri-St. Louis, St. Louis, MO (2018-present)
Graduate Partnership Student (2019–2022)
Doctoral Student
Current Position: ICURE Postdoctoral Fellow at National Cancer Institute

NIH Postbaccalaureate Trainees

Alexis Franks

Townson University, Townson, MD 2013-2017
IRTA (2017–2020)
Current Position: Doctor of Physical Therapy

Abhrarup (Abe) Roy

University of Maryland, College Park, MD, 2012-2026
NIH Academy, IRTA OITE (2017–2019)
Current Position: Resident at Jefferson Hospital, PA

Brianna Brooks

University of Pennsylvania, Philadelphia PA, 2015-2019
IRTA (2019–2021)
Current position: PhD student at Columbia University

Rodrigo Ortiz Figueroa

University of Puerto Rico, Ponce, Puerto Rico, 2014-2018
NIH Academy, IRTA OITE (2019-2021).
Current position: Medical Student at Ponce Health Sciences University

Christian McDuffie

University of Southern California, Los Angeles, CA, 2014-2018

NIH Academy, IRTA OITE (2019-2022).

Current position: MPH student at George Washington University

Leann To

University of Oklahoma, Norman, OK, 2020-2022

NIH Academy, IRTA OITE (2019-2022).

Current position: Genetic Counselor Student, University of Pittsburgh

Nafisa Nawal

Georgia State University, 2018-2021

NIH Academy, IRTA OITE (2021-Present).

Current position: Postbaccalaureate Fellow

Mari Chiles

Yale University, New Heaven, CT, 2016-2020

NIH Academy, IRTA OITE (2019-2022).

Current position: Medical student at Morehouse University

Anir Mahanty, BS

UGSP Postbac Fellow (2022-2023)

Current Position: Staff at Cartesian Therapeutics

*Other mentees***Ana Diallo, PHD, RN, MPH**

Virginia Commonwealth University, Assistant Professor

Katherine Maki, CRNP, PhD

NIH Clinical Center, Assistant Clinical Investigator

Sandy Cayo, DNP, RN, FAAN

PhD Student at Duquesne University,

Assistant Professor, Yale University

Monica Villaruel, BS

Washington University St Louis, MPH Student

Cherlie Normilus, PhD, MSN, FNP

Boston University Assistant Professor

Salimata Yoda, PhD, MSN, DNP

Assistant Professor, Hostos Community College Bronx NY

Gloria Nimo, DNP, FNP-BC

Mount Sinai Hospital

Jonathan Overdevest, MD, PhD

Columbia University, New York Presbyterian

Audrey Clerk, PhD Student

University of Indiana, PhD Student

INVITED PRESENTATIONS

2023

- Inaugural Conference of the Nursing Doctorates Program, University Mariano Galvez, Guatemala City, Guatemala
- Academic Seminar in Olfaction, The Second Affiliated Hospital of Xi'an Jiaotong University, China
- Sigma's 34th International Nursing Research Congress, Abu Dhabi, United Arab Emirates
- Dr. Jean A. Kelley Endowed Lecture, University of Alabama, Birmingham, AL
- Rockefeller University, Division of Nursing Science, New York, NY
- Towards Universal Chemosensory Testing, Monell Chemical Senses Center, Philadelphia, PA
- International Congress of Human Genetics, Cape Town, South Africa
- Nurses Week Conference, University of Nueva Leon, Monterrey Mexico
- DC Public Schools, Meet the Scientist 2nd and 3rd graders.
- Research Seminar, Monell Chemical Senses Center, Philadelphia, PA
- NIH Office of Dietary Supplements Seminar, NIH, Virtual
- 50th Anniversary of the Appetitive Behavior Seminar, Columbia University, New York
- Women in Science 30th Anniversary, NIH, Bethesda, MD
- Boston College Connell School of Nursing, Grand Rounds, Boston, MA
- Chef AJ YouTube Live, Virtual
- The Truth About Weight Loss Summit, Virtual
- National Conference for Nurse Practitioners, Virtual
- Rockefeller University, New York, NY
- Yucha Lecture, University of Nevada, Las Vegas
- Goldbag Research Seminar, Case Western University
- Research Seminar, Kent State University, Virtual
- NASEM Genomics Roundtable, Washington, DC
- Seminars in Dental Research, University of Iowa

2022

- Society for Haitian Neuroscientists, Virtual
- NYU PLESS Talk, School of Nursing, Virtual
- Research Seminar Pace University, New York, NY
- NIDDK Laboratory & Branch Chiefs Meeting, Virtual
- University of Connecticut School of Nursing, Research & Scholarship
- NINDS 8th Annual Intramural Clinical Neurosciences Workshop, Virtual
- DC Public Schools, Meet the Scientist 2nd and 3rd graders.
- University of Miami School of Nursing and Health Studies, Distinguished Lecture Series, Virtual
- Interdepartmental Nutrition Program Seminar Series, Purdue University, Virtual
- AChemS 2022, Transforming the Chemical Senses: Grand Challenges and New Paradigm
- University of Connecticut, Research and Scholarship Speaker, A Career Journey into the Chemical Senses: The Role of Nurse Scientist

2021

- NCEMNA 2021 Policy Conference Virtual Event
- GCCR Roundtable Discussion, Plain Language Summaries of Research, Virtual
- 2021 NHLBI Extramural Forum: Taste, Smell, and COVID-19, Virtual
- NIDCR Clinical Case Conference, Virtual
- NIA IRP Seminar, Virtual
- Women in Science Career Panel, University of Maryland, Virtual
- NIDA IRP Tuesday Lecture Series Presentation, Virtual
- National Institute Deafness and Communication Diseases, DIR Seminar Series, Virtual
- CUNY Institute for Health Equity (CIHE) Speaker Series: Hispanic Heritage Month" Health, health care, health disparities among Latinx

2021

- 2021 NHSN 21st International Annual Virtual Conference
- GCCR Roundtable Discussion Towards Universal Smell Testing in Healthcare, Virtual
- National Council of Ethnic Minority Nurse Associations (NCEMNA) Annual Policy Conference
- Brigham Young University Healthcare Industry Network Conference
- Universidad Autónoma de Nuevo León, Monterrey Mexico, Keynote Speaker, Virtual
- NIH Clinical Center Grand Rounds, Videocast
- University of Texas MD Anderson Cancer Center, Keynote Speaker, Virtual
- University of Pennsylvania School of Nursing, Guess Lecture Dietary Micronutrients, Virtual
- University of Pennsylvania School of Nursing, Guess Lecture Obesity and Society, Virtual
- University of Texas at Austin, School of Nursing and Dell Medical School, Virtual
- Oncology Nursing Society Congress, Virtual Conference
- Georgetown University School of Nursing & Health Studies, Seminar Speaker, Virtual
- The Aga Khan University, Karachi Pakistan, Virtual Conference
- SNRS Annual Conference, Virtual Conference
- University of Pennsylvania School of Nursing, Nursing and Social Justice: Past, Present and Future Virtual Conference

2020

- Uniformed Services University of the Health Sciences, Virtual Conference
- ObesityWeek 2020, Virtual Conference
- El GEOG (Grupo de Estudio de Olfato y Gusto), Argentina, Virtual Conference
- International Society of Nurses in Genetics (ISONG), Virtual Conference
- American Academy of Nursing speaker – Transforming Health, Driving Policy Conference, Virtual Conference
- NIH/FDA COVID-19 workshop, Virtual Conference
- Hispanic Heritage Month Panel at Penn Medicine, Virtual
- Jefferson College of Nursing, Jefferson (Philadelphia University + Thomas Jefferson University)
- Center City Campus, Virtual Conference
- CANS 2020 State of the Science Panel Scheduling – Environmental Considerations for Nurse Scientists
- Monell Science Apprenticeship Program. Monell Chemical Senses Center, Philadelphia, PA, USA, Virtual Conference
- Caminos en Ciencia Podcast, Virtual
- International Symposium on Olfaction and Taste (ISOT) – COVID-19, Virtual Conference
- Special COVID 19 Podcast Episodes

2019

- Nutrition Research Coordinating Committee (NRCC) Meeting, NIDDK and FDA, Bethesda, MD, USA.
- Sensory Nutrition and Disease Workshop. NIDDK, Bethesda, MD, USA.
- Cedar Sinai, Los Angeles, CA, USA
- Children's National Hospital, Washington, DC, USA.
- Brigham Young University, Provo, UT, USA
- Cornell University, Ithaca, NY, USA

2018

- Yale University School of Nursing, Hartford

2017

Monell Chemical Senses Center, Philadelphia, PA, USA

Genetics and Genomics Boot Camp, NINR, NIH, Bethesda, MD, USA.

2016

- National Heart, Lung, & Blood Institute,
- University of Texas, Dallas, TX, USA.

2015

- VA Caribbean Healthcare System, San Juan, Puerto Rico

2014

- University of Pennsylvania School of Nursing, Philadelphia, PA, USA.

2013

- University of Pennsylvania School of Nursing, Philadelphia, PA, USA.

H-Index: 23, I-10 Index: 38, (NIH iCITE Weighted RCR 206.05 <https://icite.od.nih.gov/analysis>)

As of 06/08/2023 Almetric Report Total number of mentions for research outputs in this report: 9008

ORIGINAL PAPERS:

‡EQUAL CONTRIBUTION, ** CO-LAST SENIOR

A. Submitted or in press.

1. R.B. Jaime-Lara., B. Matikainen-Ankney., B. Brooks., Y. Wang., C. Colina-Prisco., M. De Jesus Vega, A. Franks., A. Kravitz., **P.V. Joseph**. Diet-induced Obesity Leads to Transcriptomic Changes in Inflammatory, Immune, Dopaminergic, and Mitochondrial-related Genes in the Striatum and Olfactory Bulb, Revise and Resubmit
2. S. Chidester, S.L. Robinson, X. Zeng, W. Guan, R. Sundaram, **P.V. Joseph**, E.M. Bell, E.H. Yeung. Associations between exposure to gestational diabetes mellitus and newborn DNA methylation, Submitted.
3. M. E., Hannum, C. Lin., K Bell., A. Toskala., R. Koch., T. Galaniha., A. Nolden., D.R.Reed., & **P.V. Joseph**. (2021). The genetics of eating behaviors: research in the age of COVID19. bioRxiv the preprint server for biology, 2021.09.03.458854.<https://doi.org/10.1101/2021.09.03.458854>. Submitted
4. Harting., R. Kumar., S. Koyama., P. Rohls Dominiguez., M. Baguma., **P.V. Joseph**., KC. Hoover. Investigating and Fostering Diversity, Equity, and Inclusivity in Global Consortia. Submitted
5. M.R. Vergeer; B. Stangl; M. Sloan; C. Kennard; S. Venkatesh; **P.V. Joseph**; M.Schwandt; N. Diazgranados; V. Ramchandani. The Relationship between Body Mass Index and Level. Submitted of Response to Alcohol Across the Spectrum of Alcohol Use: Total Body Water and Beyond. Submitted
6. E.M. McCabe, J.W. Luk, B. L. Stangl, M.L. Schwandt, U Ziausyte, H Kim, R. R. Vergeer, T Gunawan, S. J. Fede, R. Momenan, **P. V. Joseph**, D. Goldman, N. Diazgranados, V. A. Ramchandani. Exercising healthy behaviors: A latent class analysis of positive coping during the COVID-19 pandemic and associations with alcohol-related and mental health outcomes Positive coping behaviors during the COVID-19 pandemic. Submitted
7. Y. Wang, H. Tang, X. Wang, Y. Sun, **P. V. Joseph**, and A.H. Paterson. Synteny and collinearity analyses using MCScanX. Submitted
8. K.J. Polinski, S.L. Robinson, D.L. Putnick, R. Sundaram, E. Bell, **P.V. Joseph**, J. Segars, V. Gomez-Lobo, W. Guan, E.H. Yeung. Examination of newborn DNA methylation among women with polycystic ovary syndrome/hirsutism. Submitted
9. K.J. Polinski, S.L. Robinson, D.L. Putnick, R. Sundaram, E. Bell, **P.V. Joseph**, J. Segars, V. Gomez-Lobo, W. Guan, E.H. Yeung. Maternal self-reported polycystic ovary syndrome with offspring and maternal cardiometabolic outcomes. Submitted

10. Hunter SR, Lin C, Hannum ME, Bell K, Huang A, Joseph PV, Parma V, Dalton PH, Reed DR. Low to moderate genetic influences on the rapid smell test SCENTinel™. medRxiv [Preprint]. 2023 May 21:2023.05.14.23289965. doi: 10.1101/2023.05.14.23289965. PMID: 37293001; PMCID: PMC10246041.

11. BJ. Vilarello, PT Jacobson, JP Tervo, LW Gallagher, FF Caruana, JB Gary, TM Saak, DA Gudis, **PV Joseph**, TE. Goldberg, DP Devanand, JB. Overdeest. BMI Increases in Individuals With COVID-19-Associated Persistent Olfactory Dysfunction. Submitted

12. K Agarwal, R Zhang, ML Schwandt, V. Ramchandani, N. Diazgranados, D. Goldman, Reza Momenan*, **PV. Joseph***. Body Mass Index Modulates Early Life Stress-Dependent Brain Connectivity Associated with Impulsivity in Alcohol Use Disorder. Submitted

13. PT. Jacobson, BJ. Vilarello; FF. Caruana; LW. Gallagher; J. Tervo; TM. Saak; DA. Gudis; **PV. Joseph**; TE. Goldberg; D.P. Devanand; JB. Overdeest. Connections to Scent Triggers Among Individuals with COVID-19 Related Parosmia. Submitted

14. K Agarwal, J. Luk, BL Stang, ML Schwandt, R. Momenan D. Goldman, N. Diazgranados, V. Ramchandani, D. Kareken, PV. **Joseph**. Unraveling the Enigma: Connections Between Parosmia, Phantosmia, and Alcohol Use Disorder. Submitted

B. Data-base Printed

1. **P.V. Joseph**, D. R. Reed, and J.A. Mennella. (2015). Individual differences among children in sucrose detection thresholds: Relationship with age, gender, and bitter taste genotype. *Nursing Research*, 65(1), 3.

2. N.H. Fourie, D. Wang, S. K. Abey, L.B. Sherwin, **P. V. Joseph**, B. Rahim-Williams, ... W. A. Henderson. (2016). The microbiome of the oral mucosa in irritable bowel syndrome. *Gut microbes*, 7(4), 286-301.

3. S. K. Abey, Y. Yuana, **P.V. Joseph**, N.D. Kenea, N.H. Fourie, L.B. Sherwin, ... K.R. Weaver. (2016a). Data supporting the effects of lysozyme on mRNA and protein expression in a colonic epithelial scratch wound model. *Data in Brief*, 11, 15-18.

4. S. K. Abey, Y. Yuana, **P.V. Joseph**, N.D. Kenea, N.H. Fourie, L.B. Sherwin, ... K.R. Weaver. (2016b). Lysozyme association with circulating RNA, extracellular vesicles, and chronic stress. *BBA Clinical*, 7, 23-35.

5. L. Sherwin, O. Ozoji, C. Boulineaux, **P.V. Joseph**, N. Fourie, S. Abey, ... W. Henderson. (2017). Gender and weight influence quality of life in irritable bowel syndrome. *Journal of Clinical Medicine*, 6(11), 103.

6. **P. V. Joseph**, S. K. Abey, D. Wang, N.H. Fourie, N.D. Kenea, T. G. Vishnyakova, ... L.B. Sherwin. (2018). Colon epithelial microRNA network in fatty liver. *Canadian Journal of Gastroenterology and Hepatology*, 8246103. Doi: 10.1155/2018/8246103.

7. **P.V. Joseph**, H.R Davidson, C.M. Boulineaux, N.H. Fourie, A.T. Franks, S. K. Abey, and W.A. Henderson. (2018). Eating behavior, stress, and adiposity: Discordance between perception and physiology. *Biological Research for Nursing*, 20(5), 531-540.

8. **P.V. Joseph**, Y. Wang, N.H. Fourie, and W.A. Henderson. (2018). A computational framework for predicting obesity risk based on optimizing and integrating genetic risk score and gene expression profiles. *PLoS One*, 13(5), e0197843.

9. R. Atkins, G. Gage, T.A. Kelly, **P.V. Joseph**, S. Johnson, K. Ojo, and W. Williams. (2018). Exploring expressions of depression in black single mothers. *Issues in Mental Health Nursing*, 39(11), 935-945

10. K.D Hall, A. Ayuketah, S. Bernstein, R. Brychta, H. Cai, T. Cassimatis, KY Chen, ST Chung, E. Costa, A. Courville, V. Darcey, LA Fletcher, CG Forde, AM Gharib, J Guo, R Howard, **P.V. Joseph**, S. McGehee, R. Ouwerkerk, K. Rasinger, I Rozga, M. Stagliano, M. Walter, P. Walter, S. Yang, M. Zhou. (2019). Ultra-processed diets cause excess calorie intake and weight gain: A one-month inpatient randomized controlled trial of ad libitum food intake. *Cell Metabolism*, 30(1), 67-77. e3. doi: 10.1016/j.cmet.2019.05.008.
11. **P.V. Joseph**, R-B Jaime-Lara, Y. Wang, L. Xiang, W. A. Henderson. (2019). Comprehensive and systematic analysis of gene expression patterns associated with body mass index. *Scientific Reports*, 9(1), 7447.
12. **P.V. Joseph**, A. Nolden, K.M. Kober, B.A. Cooper, S.M. Paul, M.J. Hammer, ... C. Miaskowski. (2019). Co-occurring gastrointestinal symptoms are associated with taste changes in oncology patients receiving chemotherapy. *Journal of Pain and Symptom Management*, pii: S0885-3924(19)30389-6. Doi: 10.1016/j.jpainsymman.2019.07.016. [Epub ahead of print].
13. K. Singh, SM Paul, K.M. Kober, P. Conley, F. Wright, JD Levine, **P.V. Joseph**, C. Miaskowski. (2019). Neuropsychological Symptoms and Intrusive Thoughts Are Associated with Worse Trajectories of Chemotherapy-Induced Nausea. *Journal of Pain and Symptom Management*, pii: S0885-3924(19)30640-2. Doi: 10.1016/j.jpainsymman.2019.10.023. [Epub ahead of print].
14. Robinson, J., Boulineaux, C., Butler, K., **P. V. Joseph**, Murray, M., Pocock, S.,... and Henderson, W. (2019). Complete blood count with differential: An effective diagnostic for IBS subtype in the context of BMI? *BioRxiv*, 608208.
15. R.B. Jaime-Lara, A. Roy, Y. Wang, A. Stanfill, A. K. Cashion, and **P.V. Joseph**. Gene co-expression networks are associated with obesity-related traits in kidney transplant recipients. *BMC Med Genomics* 13, 37 (2020). <https://doi.org/10.1186/s12920-020-0702-5>
16. C. Lin, L. Colquitt, P. Wise, P. Breslin, N.E. Rawson, F. Genovese, I. Maina, **P.V. Joseph**, L. Fomuso, L. Slade, D. Brooks, A. Miclo, J. Hayes, A. Sullo, D.R. Reed. (2020). Studies of human twins reveal genetic variation that affects dietary fat perception. *Chemical Senses*, bjaa036, <https://doi.org/10.1093/chemse/bjaa036>
17. R. Atkins., Kelly., S. Johnson., J.A. Deatrck., M. Wunnenberg., **P.V. Joseph.**, S. Pudasainee-Kapri., G. Gage., N. Pontes., W. Williams. (2020) Eliciting Beliefs and Willingness to Participate in Genetic Psychiatric Testing in Black Mothers at Risk for Depression, *Behav Sci (Basel)*. 10(12):181. Doi: 10.3390/bs10120181. PMID: 33256064; PMCID: PMC7760786.
18. D. R. Reed., A. L. Alhadeff, G. K. Beauchamp, N. Chaudhari, V. B. Duffy, M. Dus, A. Fontanini, J. I. Glendinning, B. G. Green, **P. V. Joseph**, G. A. Kyriazis, M. Lyte, P. Maruvada, J. P. McGann, J. T. McLaughlin, T. H. Moran, C. Murphy, E. E. Noble, M. Y. Pepino, J. L. Pluznick, K. I. Rother, E. Saez, A. C. Spector, C. Sternini, and R. D. Mattes (2020) "Perspective: Sensory Nutrition and Disease." *Am J Clin Nutr*. 2020 113(1):232–45. Doi: 10.1093/ajcn/nqaa302. Epub ahead of print. PMID: 33300030; PMCID: PMC7779223.
19. R. C. Gerkin., K. Ohla., M.G. Veldhuizen.; **P. V. Joseph**; et al., (2020). Recent smell loss is the best predictor of COVID-19: a preregistered, cross-sectional study, *Chemical Senses*, <https://doi.org/10.1093/chemse/bjaa081> PMID: 32743605; PMCID: PMC7386529.
20. K.D Hall, J. Boring, R. Brychta, KY Chen, A. Courville, V. Darcey, CG Forde, AM Gharib, I. Gallagher, J. Guo, R. Howard, **P.V. Joseph**, S. McGehee, Ouwerkerk, R., Rasinger, K, Rozga, I., Stagliano, M., Torrs, S., Yang, S., Chung, ST. (2021) Effect of a plant-based, low-fat diet versus an animal-based, ketogenic diet on ad libitum energy intake. *Nat Med*. <https://doi.org/10.1038/s41591-020-01209-1>

21. C. Vizioli, R. Jaime-Lara, A. Franks, R. Ortiz Figueroa, **P.V. Joseph**. (2021). Untargeted Metabolomic Approach Shows No Differences in Subcutaneous Adipose Tissue of Diabetic and Non-Diabetic Subjects Undergoing Bariatric Surgery: An Exploratory Study. *Biol Res Nurs*. 2021 Jan;23(1):109-118. Doi: 10.1177/1099800420942900. Epub 2020 Aug 7. PMID: 32762338.
22. A.M. Chao., T. Zhou., T.A Franks., B. Brooks., **P.V. Joseph**. Associations of Taste Impairment with Tobacco Use, Marijuana Use and Anthropometric Measure: Findings From the 2013-2014 National Health and Nutrition Examination Survey (NHANES). *Chemical Senses*, bjab017, <https://doi.org/10.1093/chemse/bjab017>
23. **P.V. Joseph**., Y.M. Pepino., J.A. Mennella. Psychophysical Tracking Method to Measure Taste Detection Thresholds in Children, Adolescents and Adults, *Journal of Visualized Experiments*, (170), e62384, doi:10.3791/62384 (2021).
24. Y. Wang., R.B. Jaime., A. Roy., **P.V. Joseph** SeqEnhDL: sequence-based classification of cell type-specific enhancers using deep learning models. *BMC Res Notes* 14, 104 (2021). <https://doi.org/10.1186/s13104-021-05518-7>
25. Y. Wang, Y. Sun., **P.V. Joseph**. Contrasting patterns of gene duplication, relocation, and selection among human taste genes. *Evolutionary Bioinformatics*. (2021). Doi:10.1177/11769343211035141
26. K. Agarwal., S.B. Demiral., P. Manza., N.D. Volkow., **P.V. Joseph**. Relationship Between BMI and Alcohol Consumption Levels in Decision Making, *International Journal of Obesity*. (Lond). 2021 Nov;45(11):2455-2463. Doi: 10.1038/s41366-021-00919-x. Epub 2021 Aug 6. PMID: 34363001; PMCID: PMC8528710.
27. C. Cecchetto, A. Di Pizio, F. Genovese,..., **P.V. Joseph** et al. Assessing the extent and timing of chemosensory impairments during COVID-19 pandemic. *Sci Rep* 11, 17504 (2021). <https://doi.org/10.1038/s41598-021-96987-0>
28. **M. Tesfaye., X. Zeng., S. Chatterjee., **P.V. Joseph**‡, F. Tekola-Ayele‡. Impact of depression and stress on placental DNA methylation in ethnically diverse pregnant women. *Epigenomics*. 13, 18 (2021). <https://doi.org/10.2217/epi-2021-0192> ‡Authors contributed equally
29. D. Piacentino., S. Grant-Beurmann., C. Vizioli., X. Li., C. F. Moore., V. Ruiz-Rodado., M.R. Lee., **P.V. Joseph**., C. M. Fraser, E.M. Weerts, L. Leggio. Gut microbiome and metabolome in a non-human primate model of chronic excessive alcohol drinking. *Transl Psychiatry*. 2021 Dec 1;11(1):609. Doi: 10.1038/s41398-021-01728-6. PMID: 34853299.
30. S. Bhutani., G. Coppin., M.G. Veldhuizen., V. Parma., **P.V. Joseph**. COVID-19 Related Chemosensory Changes in Individuals with Self-Reported Obesity. *Rhinology*. 2022 Feb 22. Doi: 10.4193/Rhin21.351. Epub ahead of print. PMID: 35191431.
31. **P.V. Joseph**, Y. Zhou, B.E. Brooks, C. McDuffie, K. Agarwal, A.M. Chao. Relationships among Alcohol Drinking Patterns, Macronutrient Composition, and Caloric Intake: National Health and Nutrition Examination Survey 2017–2018, *Alcohol and Alcoholism*, 2022;, agac009, <https://doi.org/10.1093/alcalc/agac009>
32. K Agarwal‡, K A. Maki‡, C Vizioli, S Carnell, E Goodman, M Hurley, C Harris, R.Colwell, K Steele, **P.V. Joseph**. The Neuro-Endo-Microbio-Ome Study: Neurobiological Alterations in Bariatric Surgery. *Biological Research for Nursing*. 2022;24(3):362-378. doi: [10.1177/10998004221085976](https://doi.org/10.1177/10998004221085976) ‡Authors contributed equally.
33. K. Ohla., M.G. Veldhuizen., T. Green., M. Hannum., A. Bakke., ..., **P.V. Joseph**‡, V.Parma‡, M. Niv.,‡ J. Hayes‡. A follow-up on quantitative and qualitative olfactory dysfunction and other symptoms in patients recovering from COVID-19 smell loss, *Rhinology*. 2022 Apr 10. Doi: 10.4193/Rhin21.415. Epub ahead of print. PMID: 35398877

34. R. Atkins, TA. Kelly, S Johnson, JA. Deatrick, M. Wunnenberg, **P.V. Joseph**, S.Pudasainee-Kapri, G. Gage, N. Pontes, N. Cresse, W. Williams, Beliefs and willingness towards participating in genetic testing for depression in low-income and racial/ethnic minority mothers at-risk, *Archives of Psychiatric Nursing*, 41, 2022, 153-165, <https://doi.org/10.1016/j.apnu.2022.07.002>.
35. J. Luk., B. Stangl., M. Schwandt., T. Gunawan., **P.V. Joseph.**, R. Momenan., D. Goldman., N. Diazgranados., & V. A. Ramchandani. A Person-Centered Approach to Capture Health Disparities and Multidimensional Impact of COVID-19 Related Stressors. *American Psychologist*. *Am Psychol*. 2023 Apr;78(3):321-332. doi: 10.1037/amp0001044. Epub 2022 Aug 25. PMID: 36006708; PMCID: PMC9958275.
36. R. B. Jaime-Lara., B.E. Brooks., C. Vizioli., N. Iannarino., R.S. Ortiz-Figueroa., A. Livinski., K. Agarwal, M. Chiles, N. Nawal, N. Iannarino, A. Hilmi., H. Tejeda, **P.V. Joseph**. Systematic Review of the Biological Mediators of Fat-taste and Smell, *Physiological Reviews*. 2023 103:1, 855 918. <https://doi.org/10.1152/physrev.00061.2021>
37. J.B. Overdevest, A. Irace, V. Mazzanti, E.J. Oh, **P.V. Joseph**, D.P. Devanand, Z.C. Bitan, E.A Hod, D.A. Gudis, C. Chiuzan. Chemosensory deficits are best predictor of serologic response among individuals infected with SARS-CoV-2. *PLoS One*. 2022 Dec 14;17(12):e0274611. doi: 10.1371/journal.pone.0274611. PMID: 36516124; PMCID: PMC9750016.
38. E. Weir, ME. Hannum, DR. Reed, **P.V. Joseph**, SD. Munger, JE. Hayes, and RC. Gerkin. The Adaptive Olfactory Measure of Threshold (ArOMA-T): A rapid test of olfactory function. Submitted
39. J. Luk., B. Stangl., T. Gunawan., M. Schwandt., J. Morris., J. Axelowitz., S. Chawla., B. Lee., M. Carraco., S. Walsh., C. McDuffie., K. Agarwal., **P.V. Joseph.**, R. Momenan., D. Goldman., N. Diazgranados., & V. A. Ramchandani. Changes in Alcohol-Related Behaviors and Quality of Life during the COVID-19 Pandemic: Impact of Alcohol Use Disorder Diagnosis and Treatment History. 2023;84(1):22br14462. <https://doi.org/10.4088/JCP.22br14462>
40. K. Agarwal, P. Manza, H.A. Tejeda, N.D. Volkow, **P.V. Joseph**. Prenatal Caffeine Exposure Is Linked to Elevated Sugar Intake and BMI, Altered Reward Sensitivity, and Aberrant Insular Thickness in Adolescents: An ABCD Investigation. 2022, 14(21), 4643; <https://doi.org/10.3390/nu14214643>
41. K.A Maki., S. Ganesan., B Meeks., N. Farmer., N. Kazmi., J. Barb., **P.V. Joseph.**, G.R Wallen. The Role of the Oral Microbiome in Smoking-Related Cardiovascular Risk: A Review of the Literature Exploring Mechanisms and Pathways. *Journal of Translational Medicine*. 2022 Dec 12;20(1):584. doi: 10.1186/s12967-022-03785-x. PMID: 36503487; PMCID: PMC9743777.
42. K. Agarwal, J.W. Luk, P Manza, C McDuffie, L To, R.B. Jaime-Lara, B.L. Stangl, M.L. Schwandt, R. Momenan, D. Goldman, N. Diazgranados, V.A. Ramchandani, **P. V. Joseph**. Chemosensory Alterations and Impact on Quality of Life in Persistent Alcohol Drinkers. *Alcohol and Alcoholism*, Volume 58, Issue 1, January 2023, Pages 84–92, <https://doi.org/10.1093/alcac/agac047>
43. **M. Tesfaye, J. Wu, R. Biedrzycki, K. L. Grantz, J. Grewal, **P.V. Joseph†**, F. Tekola-Ayele†. Prenatal Social Support in Low-Risk Pregnancy Shapes Placental Epigenome. *BMC Med* 21, 12 (2023). <https://doi.org/10.1186/s12916-022-02701-w>
44. R.B. Jaime- Lara., A.T. Franks., A. Courville., J. Guo., C. Forde., S. Yang., B. Brooks., A. Roy., K. Taylor., V. Darcy., J.D. LeCheminat., S. Chung., K.D. Hall., **P.V. Joseph**. No significant taste preference or sensitivity differences following Ad Libitum consumption of ultra-processed and unprocessed diets. A Randomized Controlled Trial, *Chemical Sense*, 2023;, bjad007, <https://doi.org/10.1093/chemse/bjad007>
45. MM. Jacobson, AM Gardner, Handley CE, Smith MW, Christensen WF, Hancock CR, **Joseph PV**, Larson MJ, Martin CK, LeCheminant JD. Body shape perception in men and women without obesity during caloric restriction: a secondary analysis from the CALERIE study. *Eat Weight Disord*. 2023 Feb 20;28(1):20. doi: 10.1007/s40519-023-01548-1. PMID: 36805838; PMCID: PMC9941245.

46. Li Z, Li X, Zhou H, Gaynor SM, Selvaraj MS, Arapoglou T, Quick C, Liu Y, Chen H, Sun R, Dey R, Arnett DK, Auer PL, Bielak LF, Bis JC, Blackwell TW, Blangero J, Boerwinkle E, Bowden DW, Brody JA, Cade BE, Conomos MP, Correa A, Cupples LA, Curran JE, de Vries PS, Duggirala R, Franceschini N, Freedman BI, Göring HHH, Guo X, Kalyani RR, Kooperberg C, Kral BG, Lange LA, Lin BM, Manichaikul A, Manning AK, Martin LW, Mathias RA, Meigs JB, Mitchell BD, Montasser ME, Morrison AC, Naseri T, O'Connell JR, Palmer ND, Peyser PA, Psaty BM, Raffield LM, Redline S, Reiner AP, Reupena MS, Rice KM, Rich SS, Smith JA, Taylor KD, Taub MA, Vasan RS, Weeks DE, Wilson JG, Yanek LR, **Joseph PV**, Zhao W; NHLBI Trans-Omics for Precision Medicine (TOPMed) Consortium; TOPMed Lipids Working Group; Rotter JI, Willer CJ, Natarajan P, Peloso GM, Lin X. A framework for detecting noncoding rare-variant associations of large-scale whole-genome sequencing studies. *Nat Methods*. 2022 Dec;19(12):1599-1611. doi: 10.1038/s41592-022-01640-x. Epub 2022 Oct 27. PMID: 36303018; PMCID: PMC10008172.

47. Y. Wang, Y. Sun & **P.V. Joseph**. Diverse evolutionary rates and gene duplication patterns among human olfactory receptor genes. *PLoS One*. 2023 Apr 20;18(4): e0282575. doi: 10.1371/journal.pone.0282575. PMID: 37079568; PMCID: PMC10118112.

48. **C. Vizioli., R.B. Jaime-Lara., S.G Daniel., A.T. Franks., A.F. Diallo., K. Bittinger, T.P. Tan., D.J. Merenstein., B.E. Brooks., **P.V. Joseph**†, K. Maki†. Administration of Bifidobacterium animalis subsp. lactis Strain BB-12® Does Not Alter Global Gut Microbiome Characteristics but Induces Functional Composition Changes in Healthy Children. *Frontiers in Microbiology*, 14, 1165771. <https://doi.org/10.3389/fmicb.2023.1165771>

49. K. Agarwal, A.T. Franks, X. Zhang, E. Schisterman, S.L. Mumford*, **PV Joseph**. Association of Inflammation Biomarkers with Food Cravings and Appetite Changes Across the Menstrual Cycle. *medRxiv* 2023.01.30.23285198; doi: <https://doi.org/10.1101/2023.01.30.23285198> *Clinical Nutrition ESPEN*, <https://doi.org/10.1016/j.clnesp.2023.06.004>

50. ‡H. Nguyen, J. Albayay, R. Höchenberger, S. Bhutani†, S. Boesveldt†, N.A. Busch†, I. Croijmans†, K.W. Cooper, J.H.B. de Groot†, M.C. Farruggia†, A.W. Fjældstad†, J.E. Hayes†, T. Hummel†, **P.V. Joseph**†, T.K. Laktionova†, T. Thomas-Danguin†, M.G. Veldhuizen†, V.V. Voznessenskaya, ‡ V. Parma, M.Y. Pepino, K.Ohla. Covid-19 affects taste independently of smell: results from a combined chemosensory home test and online survey from a global cohort (N=10,953). *Chem Senses*. 2023 Jun 23:bjad020. doi: 10.1093/chemse/bjad020. Epub ahead of print. PMID: 37350646.

BOOKS AND CHAPTERS

51. M. Jaffe-Ruiz, and **P.V. Joseph** (2011). Academic degrees in nursing. In Feldman, H. (Eds.), *Nursing leadership: A concise encyclopedia*. New York: Springer Publisher.

52. **P.V. Joseph** (2011a). Certification. In Feldman, H. (Ed.), *Nursing leadership: A concise encyclopedia*. New York: Springer Publisher.

53. **P. V. Joseph** (2011b). Continuing professional education. In Feldman, H. (Ed.), *Nursing leadership: A concise encyclopedia*. New York: Springer Publisher.

53. **P.V. Joseph** (2012). Evidence-based practice annotated bibliography. In Levin, R. and Feldman, H. (Ed.), *Teaching evidence-based practice in nursing*. New York: Springer Publisher.

54. **P.V. Joseph** and H. Feldman. (2011a). American Association of Colleges of Nursing. In Feldman, H. (Ed.), *Nursing leadership: A concise encyclopedia*. New York: Springer Publisher.

55. **P.V. Joseph** and H. Feldman. (2011b). American Association of University Professors. In Feldman, H. (Ed.), *Nursing leadership: A concise encyclopedia*. New York: Springer Publisher.

56. **P.V. Joseph** and H. Feldman. (2011c). American Association of University Women. In Feldman, H. (Ed.), *Nursing leadership: A concise encyclopedia*. New York: Springer Publisher.

57. **P.V. Joseph** and H. Feldman. (2011d). American nurse's hall of fame. In Feldman, H. (Ed.), *Nursing leadership: A concise encyclopedia*. New York: Springer Publisher.

58. P.V. Joseph and H. Feldman. (2011e). National organization of nurse practitioners. In Feldman, H. (Ed.), Nursing leadership: A concise encyclopedia. New York: Springer Publisher.

59. P.V. Joseph and H. Feldman. (2011f). The truth about nursing. In Feldman, H. (Ed.), Nursing leadership: A concise encyclopedia. New York: Springer Publisher

60. J. Singleton., R. McLeod-Sordjan, and **P.V. Joseph** (2017). Evidence-based practice from a public health perspective. In Truglio-Londrigan, M. and Lewenson, S. (Eds.), Public health nursing: Practicing population-based care. Burlington, MA, Jones & Barlett Learning.

61. K. Agarwal., C. McDuffie, **P.V. Joseph** (2022). Studies on the Sense of Smell and Taste in individuals with substance use disorders (SUD), In Sensory science and chronic diseases: Clinical implications and disease (1st ed.). SPRINGER. <https://doi.org/10.1007/978-3-030-86282-4>

62. R.B. Jaime-Lara., L. To., **P.V. Joseph**. (2022). Anatomy, Physiology and Neurobiology of Olfaction, Gustation and Chemesthesis, In Sensory science and chronic diseases: Clinical implications and disease (1st ed.). SPRINGER. <https://doi.org/10.1007/978-3-030-86282-4>

Reviews Peer-Reviewed Printed

‡EQUAL CONTRIBUTION, ** CO-LAST SENIOR

63. K.W. Cooper, D.H. Brann, M.C. Farrugia, S. Buthani, R. Pellegrino, T. Tsukahara, C. Weinreb, P.V. Joseph, E.D. Larson, V. Parma, M.W. Albers, L.A. Barlow, B. Datta, A. DiPizio. (2020). COVID-19 and the chemical senses: supporting players take center stage. Neuron, <https://doi.org/10.1016/j.neuron.2020.06.032>

64. K. Maki, P.V. Joseph, NJ Ames, GR Wallen. Leveraging Microbiome Science from the Bedside to Bench and Back: A Nursing Perspective. Nurs Res. 2021 Jan/Feb;70(1):3-5. Doi: 10.1097/NNR.0000000000000475. PMID: 32991533.

65. **M.E. Hannum., V.A. Ramirez., S.J. Lipson, R.D. Herriman, A.K. Toskala, C. Lin, P.V. Joseph‡, DR Reed‡. Objective sensory testing methods reveal a higher prevalence of olfactory loss in COVID-19 positive patients compared to subjective methods: A systematic review and meta-analysis. Chem Senses. 2020 Dec 5;45(9):865-874. Doi: 10.1093/chemse/bjaa064. PMID: 33245136; PMCID: PMC7543258.

66. E. N. Aroke, R.B. Jaime-Lara, M. Tesfaye, K. Powell-Roach, A. Roy, and P.V. Joseph. Taste the pain: The role of TRP channels in taste and pain perception. Int J Mol Sci. 2020;21(16): E5929. Doi:10.3390/ijms21165929

67. P.V. Joseph, S. K Abey, and Henderson, W.A. (2016). Emerging role of utria-epigenetics in inflammation and cancer. Oncology Nursing Forum, 43(6), 784-788.

68. K.A. Maki, A.F. Diallo, M.B. Lockwood, A.T. Franks, S. J. Geen, and P.V. Joseph (2018). Considerations when designing a microbiome study: Implications for nursing science. Biological Research for Nursing, 21(2), 125-141.

69. E. N. Aroke, P.V. Joseph, A. Roy, D. S. Overstreet, T. O. Tollefsbol, D.E. Vance, and B.R. Goodin. (2019). Could epigenetics help explain racial disparities in chronic pain? Journal of Pain Research, 12, 701.

70. E.T. Campbell, A. T. Franks, and P.V. Joseph (2019). Adolescent obesity in the past decade: A systematic review of genetics and determinants of food choice. Journal of the American Association of Nurse Practitioners, 31(6), 344-351.

71. C.K. Liu, **P.V. Joseph**, D.E. Feldman, D.S. Kroll, J.A. Burns, P. Manza, ... G.J Wang. (2019). Brain imaging of taste perception in obesity: A review. Current Nutrition Reports, 8(2), 108-119.

72. A.M. Chao, A. Roy, A. Franks, and **P.V. Joseph** (2020). Taste and eating disorders: A systematic review and metanalysis. Biological Research for Nursing. 2020;22(1):82–91. Doi:10.1177/1099800419872824.

73. R. Pellegrino, K.W. Cooper, A. DiPizio, **P.V. Joseph**, S. Buthani, V. Parma. (2020). Corona Viruses and the Chemical Senses: Past, Present, and Future. *Chemical Senses*, bja031, <https://doi.org/10.1093/chemse/bjaa031>

74. D.S. Kroll; D.E. Feldman; C.L. Biesecker; K.L. McPherson; P. Manza; **P.V. Joseph**; N.D. Volkow; G.J. Wang. (2020). Neuroimaging of Sex/Gender Differences in Obesity: A Review of Structure, Function, and Neurotransmission. *Nutrients*, 12, 1942 <https://doi.org/10.3390/nu12071942>

75. S. Chidester, A.A. Livinski, A.F. Fish, **P.V. Joseph**. The Role of Small Extracellular Vesicles in β -Cell Function and Viability: A Scoping Review. *Frontiers Endocrinology*, 11 <https://doi.org/10.3389/fendo.2020.00375>

76. A.F. Diallo, MB Lockwood, KA Maki, A. Roy, R.B. Jaime-Lara, P.V. Joseph, W.A. Henderson, SY Chung, J. McGrath, SJ Green, A.M. Fink. (2020). Metabolic Profiling of Blood and Urine for Exploring the Functional Role of the Microbiota in Human Health. *Biological Research for Nursing*. 2020;1099800420941080. Doi:10.1177/1099800420941080

77. K. Agarwal., P. Manza., L. Leggio., N.D. Volkow., P.V. Joseph. Sensory cue reactivity: Sensitization in Alcohol Use Disorder and Obesity (2021). *Neurosci Biobehav Rev*. 2021 Feb 12; 124:326-357. Doi: 10.1016/j.neubiorev.2021.02.014. Epub ahead of print. PMID: 33587959.

78. **ME Hannum, RJ Koch, VA Ramirez, SS Marks, AA Toskala, RD Herriman, PV Joseph†, and DR Reed‡. Gustatory Dysfunction as a Distinct Symptom of COVID-19: A Systematic Review and Meta-Analysis. *Chemical Senses*, 2022 Jan 1;47: bjac001. Doi: 10.1093/chemse/bjac001. PMID: 35171979.

79. K. Agarwal., O. Manza., M. Chapman., N. Nawal, E. Biesecker., K. McPherson., E. Dennis., A. Johnson., N.D. Volkow., P.V. Joseph. Inflammatory Markers in Substance Use and Mood Disorders: A Neuroimaging Perspective. *Front Psychiatry*. 2022 Apr 26;13:863734. doi: 10.3389/fpsyt.2022.863734. PMID: 35558424; PMCID: PMC9086785.

80. J.Gary., L. Gallagher., P.V. Joseph., D. Reed., D.A. Gudis., J. Overdevest. Qualitative olfactory dysfunction and COVID-19: an evidence-based review with recommendations for the clinician. *m J Rhinol Allergy*. 2023 Aug 11:19458924221120117. doi: 10.1177/19458924221120117. Epub ahead of print. PMID: 35957578; PMCID: PMC9379596.

Others Peer-Reviewed

81. L. Lewis., M. Perry., P.V. Joseph., A. Villarruel. Dismantling Structural Racism in Nursing Research. *Nurs Outlook*. 2022 Nov-Dec;70(6 Suppl 1):S32-S37. doi: 10.1016/j.outlook.2022.03.010. PMID: 36446538.

82. R. Jaime-Lara, V. Parma, C. Yan, F. Faraji, P.V. Joseph. (2020). The Role of Olfaction in Human Health: A Focus on Coronaviruses. *Allergy and Rhinology*, 11, <https://doi.org/10.1177/2152656720928245>

83. P.V. Joseph, L. Richmond, L. McCauley. (2020). PhD Programs and the Advancement of Nursing Science. *Journal of Professional Nursing*. <https://doi.org/10.1016/j.profnurs.2020.06.011>

84. N. Giordano, P. Compton, P.V. Joseph, C. Romano, M. Piano, M. Naylor. Opportunities and Challenges Presented by Recent Pedagogical Innovations in Doctoral Nursing Education. *Journal of Professional Nursing*, in press. <https://doi.org/10.1016/j.profnurs.2020.09.003>

85. R. M. Lebet, P.V. Joseph, and E.N. Aroke. (2019). Knowledge of precision medicine and health care: An essential nursing competence. *American Journal of Nursing*, 119 (10), 34-42.

86. S. G. Dorsey, M.A. Griffioen, C.L. Renn, A.K. Cashion, L. Colloca, C.K. Jackson-Cook, J. Gill, W. Henderson, H. Kim, P.V. Joseph, L. Saligan, A.R Starkweather, D. Lyon. (2019). Working together to advance symptom science in the precision era. *Nursing Research*, 68(2), 86-90.

87. P.V. Joseph (2016a). Foreign-educated nurses: Overcoming barriers to job satisfaction and belonging, Part 1 Retrieved from <https://www.nurse.com/ce/foreigneducated-nurses-part-1-overcoming-barriers-to-job-satisfaction-and-belonging> from <https://www.nurse.com/ce/foreigneducated-nurses-part-1-overcoming-barriers-to-job-satisfaction-and-belonging>

88. P.V. Joseph (2016b). Foreign-educated nurses: Overcoming barriers to job satisfaction and belonging, Part 2. Retrieved from <https://www.nurse.com/ce/foreigneducated-nurses-part-2-overcoming-barriers-to-job-satisfaction-and-belonging>
89. P.V. Joseph (2015). Lippincott Advisor for Cultural Perspectives: Colombians Culture. Philadelphia: Lippincott Williams & Wilkins
90. P.V. Joseph (2015). Lippincott Advisor for Cultural Perspectives: Ecuadorian Culture. Philadelphia: Lippincott Williams & Wilkins
91. P.V. Joseph (2015). Lippincott Advisor for Cultural Perspectives: Ghanaian Culture. Philadelphia: Lippincott Williams & Wilkins
92. P.V. Joseph (2015). Lippincott Advisor for Cultural Perspectives: Venezuelan Culture. Philadelphia: Lippincott Williams & Wilkins
93. P.V. Joseph. (2023). Unmute Us: The Power of Diverse Voices in Nursing & Leadership. For. S. Hassmiller & Daniel, G. The Power of Ten: A Conversational Approach to Tackling the Top Ten Health Equity Priorities in Nursing. Sigma. ISBN 9781646482023

C. In Preparation

1. A. Gaye., P.V. Joseph., M. Abbas., G. Goodney., S.K. Davis., G.H. Gibbons. Transcriptome signature of salt preference and salt intake in African Americans. Co-first
2. D. Hwang, C Lin, D Reed., PV Joseph. Influence of inborn differences in sensory genes on food preferences.
3. A. F. Diallo, Y. Wang., E. Price., S. Talegawkar., L. Raffield., R.L. Newton., P.V. Joseph. Combined effects of common genetic risk variants and lifestyle behaviors associated with hypercholesterolemia in individuals with African ancestry
4. C. Colina., Y. Wang., N.H. Fourie., L. Graves., R.B. Jaime-Lara., M. De Jesus Vega, W.A. Henderson., P.V. Joseph. Combinatorial miRNA and gene expression analysis unravels potential regulator roles of miRNAs associated to obesity and chemosensation.
5. K. Agarwal, M Farokhnia, M.L. Schwandt, L Leggio, P.V. Joseph. Taste Receptor Genes Predict Sweet liking and Preference in Heavy Alcohol Drinkers.
6. K Agarwal, P.V. Joseph. Effect of Diet on Olfactory Structural Changes and the Associated Change Status: UKBiobank Study
7. K Agarwal, **P.V. Joseph**. Change in decision making, early life stress in twins. ABCD dataset study.
8. K. Polinski., S.L. Robinson., D.L. Putnick., R. Sundaram., E. Bell., **P.V. Joseph**., J. Segars., V. Gomez-Lobo., W. Guan., S. Mumford., E.H. Yeung. Maternal self-reported polycystic ovary syndrome with offspring and maternal cardiometabolic outcomes.
9. **P.V. Joseph**., V. Parma., GGCR leadership team. Towards Universal Smell Testing in Health Care. Proceedings of an Expert Panel Roundtable
10. **P.V. Joseph**., K. Agarwal, N. Nawal., C. Colina-Prisco. The Tales of Two Pandemics: Obesity and COVID-19-Health Disparities
11. R.V. Vergeer., B.L. Stangl., C.C. Kennard., S.K. Venkatesh., M.E. Sloan., **P.V. Joseph**., M.L. Schwandt., N. Diazgranados., V.A. Ramchandani. The Relationship between Body Mass Index and Level of Response to Alcohol Across the Spectrum of Alcohol Use: Total Body Water and Beyond

12. AM Chao AM, K Agarwal, Y Zhou, CM Grilo, RC Gur, **P. V Joseph**, RT Shinohara, T Richmond, TA Wadden. Neural Responses to Food Cues in Binge Eating Disorder Following Cognitive Behavioral Therapy.
13. Y. Wang, C. Colina, P-H Shen, A. Diallo., D. Goldman., **P. V. Joseph**. Body mass index polygenetic score, alcohol intake frequency and their interaction are associated with risks of obesity and diabetes in UK biobank.
14. R.B. Jaime- Lara., A.T. Franks., A. Courville., J. Guo., C. Forde., S. Yang., B. Brooks., A. Roy., K. Taylor., V. Darcy., J.D. LeCheminat., S. Chung., K.D. Hall., **P.V. Joseph**. Taste preference or sensitivity differences following ad libitum consumption of low-carb and low-fat diets: A randomized controlled pilot study.
15. B.R. Naimi, S.R. Hunter, E. Garvey, A. Duffy, N.E. Rawson, P.H. Dalton, J. Trachtman, C. Murphy, **P.V. Joseph**, S. Schrandt, P. Silberman, K. Boateng, G. Nyquist. A Patient Centered Approach to Diagnosis of Smell and Taste Disorders in the United States.
16. C. Murphy, P.H. Dalton, S. Hunter, J. Tachtman, G. Nyquist, K. Boateng, P. Silberman, S. Schrandt, B. Niam, E. Garvey, **P.V. Joseph**, C. Frank, A. Albertazzi, N.E. Rawson. Treatments for Chemosensory Disorders: The Patient's Voice
17. A. Nava, A. Livinski, J. Evans, R. Billings, L. Lee, **P. V. Joseph**. Exploring the risk factors impacting the obesity and overweight of nurses in the United States: A scoping review protocol informed by the White House Conference on Nutrition
18. R. Flores, R. Jaime-Lara, H. Tejeda, **P.V. Joseph**. Approach / avoidance conflict resolution is controlled by internal state and reward value
19. I. Rosario, B.L. Stangl, J.W. Luk, M.L. Schwandt, **P.V. Joseph**, D. Goldman, N. Diazgranados, V.A. Ramchandani, R. Momenan. Resting state functional MRI predicts fluctuations in levels of alcohol consumption

Reviewer for Faculty Candidates for Promotion:

1. University of Pennsylvania: 2021

Selected Press & Outreach During Tenure-Track Position

1. Dos científicas latinas de los Institutos de Salud Nacional están cambiando comunidades en Estados Unidos <https://ne-np.facebook.com/HippoHiveEs/videos/dos-cient%C3%ADficas-latinas-en-los-institutos-de-salud-nacional-nih-en-estados-unido/939279450376315/>
2. Physiological Reviews Editor-in-Chief Dr. Sadis Matalon speaks with Dr. Paule V. Joseph about her article "A Systematic Review of the Biological Mediators of Fat Taste and Smell," the first systematic review to be published in Physiological Reviews. https://physrev.podbean.com/e/a-systematic-review-of-the-biological-mediators-of-fat-taste-and-smell?utm_source=hootsuite&utm_medium=twitter&utm_term=physiolrev&utm_content=0cfdc850-1761-43b7-a4f2-0143d87f5ff8&utm_campaign=Podcast
3. La [Dra. Paule V. Joseph](https://www.caminosenciencia.org/episodios/2020/7/22/paule-v-joseph), nos cuenta sus caminos en ciencia comenzando en Venezuela a los Estados Unidos de America <https://www.caminosenciencia.org/episodios/2020/7/22/paule-v-joseph> or https://zh-cn.facebook.com/CaminosEnCiencia/videos/caminos-en-ciencia-un-avance-de-nuestro-episodio-8-con-la-dra-paule-joseph/940272733066669/?so=watchlist&rv=related_videos
4. From mentee to mentor, A rewarding Journey <https://www.pace.edu/news/mentee-mentor-rewarding-journey>
5. National Academy of Medicine Names Seven NAM Fellows for 2022 <https://nam.edu/national-academy-of-medicine-names-seven-nam-fellows-for-2022/>
6. NIAAA: Dr. Paule Joseph Selected as the Inaugural American Academy of Nursing Fellow at the National Academy of Medicine. <https://www.prnewswire.com/news-releases/niaaa-dr-paule-joseph-selected-as-the-inaugural-american-academy-of-nursing-fellow-at-the-national-academy-of-medicine-301607719.html>
7. Researchers estimate the true prevalence of COVID-19 taste loss <https://www.sciencedaily.com/releases/2022/02/220215075117.htm>

8. Be to Blame. <https://www.smithsonianmag.com/smart-news/if-rotten-fish-smell-roses-mutation-might-be-blame-180976029/>
9. Many COVID-19 Survivors Still Can't Smell or Taste. Treating Them Isn't Easy. <https://time.com/6113909/covid-19-smell-taste-loss/>
10. TASTE BUDDIES: No Sugarcoating How Sweet Affects The Brain <https://www.npr.org/transcripts/1110870180>
11. Why Is It So Hard to Study Covid-Related Smell Loss? <https://www.wired.com/story/why-is-it-so-hard-to-study-covid-related-smell-loss/>
12. If Rotten Fish Smell Like Roses to You, a Genetic Mutation Might
13. Dr. Paule Joseph Oral History <https://history.nih.gov/display/history/Joseph%2C+Paule+2021>
14. Teens, Genes, and Food Choices: What Contributes to Adolescent Obesity? <https://www.niddk.nih.gov/health-information/professionals/diabetes-discoveries-practice/teens-genes-and-food-choices>
15. Low-Fat, Plant-Based Diet Compared to Low-Carb, Animal-Based Diet in Clinical Trial – Here Are the Results <https://scitechdaily.com/low-fat-plant-based-diet-compared-to-low-carb-animal-based-diet-in-clinical-trial-here-are-the-results/>
16. Depression, stress during pregnancy may impact fetal brain development <https://www.healio.com/news/womens-health-ob-gyn/20211014/depression-stress-during-pregnancy-may-impact-fetal-brain-development>
17. How COVID-19 Impacts The Senses of Taste and Smell. <https://www.youtube.com/watch?v=XUbB7gpOJIQ>

Please see [Google News](#) tracker for all articles (subset listed above)

Skills

Continuing education courses & training

Statistical courses (Completed between 2011-2018)

- Harvard University Catalyst, *Introduction to Mixed Methods Research*, Online
- University of Alabama Birmingham, Mathematical Obesity Course
- MATLAB for scientists: working with images and automating spreadsheet analysis.
- Advance R
- NINR Big Data in Symptoms Research
- Workshop on Analysis of Next Generation Sequence Data
- Workshop on Statistical Genetic Analysis of Rare Variants
- Advanced Gene Mapping and Linkage Analysis
- Using Mixed Methods to Optimize Dissemination and Implementation of Health Intervention

Genetics courses and other trainings

- Yale University Summer Intensive
- Project Management Training Course
- Office of Dietary Supplement Practicum
- Translational Science Program- NCATS Pre-Clinical Development workshop
- Translational Science Program
- Hands-on workshop on making iPSC from Blood.
- Cincinnati Children's Hospital Medical Center's Genetics Program- Online Course
- National Institutes of Health/ NINR Summer Genetics Institute, Bethesda, MD
- National Institute of Nursing Research/NIH: Developing Nurse Scientists- Online Course

Language skills

- Spanish: Native Language
- English: Advanced (reading, writing, speaking)
- French: Basic (writing, speaking); intermediate (reading)
- Haitian Creole: Basic (reading, writing); intermediate (speaking)
- Portuguese: Basic (reading)

Technology Skills

- Statistical Software Skills: Knowledge of R, Partek Genomic Suite, SPSS, Stata, SAS, Statistica, Ingenuity IPA, Machine Learning Analysis techniques,

Technology Skills (Continued)

- Statistical techniques: Univariate/multivariate methods (ANOVA, regression, general linear models, logistic regression, mixed modeling, structural equation modeling, etc.), categorical analysis, descriptive statistics, principal component/factor analysis, graphical reporting, power analysis, confidence intervals/effect sizes, identifying and accounting for missing data, etc.
- Additional software: Word, Excel, PowerPoint, Access, Outlook, Fiji, and Photoshop

