

CURRICULUM VITAE
Michael P. Carson, M.D. FACP
(he/him/his)



Work: 2640 Hwy 70. Unit 10A. Manasquan NJ 08736
Office: 732-223-7878
CarsonInternalMedicine.com

CITIZENSHIP: United States of America

EDUCATION

- A. Undergraduate Education: Lafayette College. Easton, Pennsylvania. B.A. Biology. June 1988.
- B. Graduate Education: Temple University School of Medicine. Philadelphia. MD. May 1992.

Postgraduate Education:

- A. Residency:
 - a. Brown University, Categorical Internal Medicine Program.
Rhode Island Hospital, Providence, RI. June 1992- June 1995
- B. Chief Medical Resident:
 - a. Brown University, Rhode Island Hospital, July 1995- June 1996
- C. Fellowship:
 - a. Brown University, Obstetric and Consultative Medicine: Department of Medicine.
Women and Infants' Hospital of Rhode Island, Providence, RI. July 1996- June 1998.
- D. Additional Postgraduate Training
 - a. Population Management Executive Development Program. Institute for Healthcare Improvement (IHI) 2015. Wellesley MA.
 - b. Tufts University Graduate Program 1995: Pharmacoepidemiology, Introduction to Epidemiology.
 - c. Brown University School of Medicine, Department of Community Health Graduate Program 1995-98: Research Methods In Epidemiology, Principles of Biostatistics and Data Analysis, Clinical Trial Design.
 - d. Harvard University School of Public Health 2008: Clinical Trials, Research with Large Databases
 - e. Data analysis using the STATA Statistical Package (Stata Corporation College Station, TX).

PROFESSIONAL EXPERIENCE

Current Academic Appointments

- Hackensack Meridian School of Medicine (2017-pres)
 - 2021-pres. Professor Department of Internal Medicine
 - 2021-pres. Professor Department of Obstetrics and Gynecology
- UMDNJ - Robert Wood Johnson Medical School, New Brunswick, New Jersey (1998-pres)
 - 2008-pres. Clinical Associate Professor Department of Medicine
 - 2011-pres. Clinical Associate Professor Department of Obstetrics, Gynecology

Professional/Employment/Research History

- 2024-pres. Carson Internal Medicine. Concierge Medical Practice. President/Owner.
- 2025- Community Medical Center IM Faculty Practice. Toms River, NJ.
- 2024 Sub-Investigator Advanced Clinical Institute Inc. West Long Branch, NJ
 - Independent clinical research facility. Hired to expand areas of clinical research.
- 2020-pres. Associate Medical Director Hackensack Meridian Health Clinically Integrated Network
- 2020-pres. Director of Research Raritan Bay Medical Center. Dept. of Medicine. Perth Amboy NJ.
 - Mentor resident research/quality improvement projects. Evidence Based Medicine Director.
- 2020-2024. Monmouth Family Medical Group. Sea Girt NJ.
- 2017-2020 MINT: Myocardial Ischemia and Transfusion Trial. Clinicaltrials.gov NCT02981407. NHLBI funded study to enroll 3500 patients with acute myocardial infarction with a hemoglobin concentration of less than 10 g/dL to be randomized to either a Liberal (10 g/dL) or Restrictive Transfusion (7-8 g/dL) Strategy. Primary outcome all cause mortality or recurrent myocardial infarction at 30 days post randomization.
- 2007-2020 Vice Chair of Research Dept. of Medicine Jersey Shore University Med. Center, Neptune NJ.
 - Mentor resident writing projects. Standardized the Department and System wide processes. Evidence Based Medicine (EBM) Director.

- Program recognized for excellence including 2019 Top Research Award NJ ACP Meeting.
 - Facilitated expansion of outpatient practice. EPIC/EMR champion
 - Designed/published the first study demonstrating that a single HbA1c doubled the rate of screening for postpartum dysglycemia, vs. the 2-hour glucose tolerance test.
 - NIH RO1 Application. Co-PI with colleagues from Columbia University, Rutgers, Univ. of Pittsburgh, and Brown University on 4-arm randomized controlled trial to definitively demonstrate the superiority of the HbA1c over the 2-hour test for postpartum screening.
- 2017-2020 Director of Research & Education. Office of Academic Affairs. Promoted inter-departmental research collaboration. Directed research for Podiatry Residency.
- 1998-2007 Chief Division of General Internal Medicine St. Peter's University Hospital. New Brunswick NJ
- Collaborated with administration to expand clinical practice.
 - Built the 3rd Obstetric Medicine group in the USA. Expanded to 3 fellowship trained physicians. Mentored/Trained General Internal Medicine Fellow who is now practicing Obstetric Medicine full time at NYC Health+Hospitals/Jacobi Campus.
 - Designed/completed/published cohort study to improve postpartum dysglycemia screening for women with gestational diabetes.

Hospital Appointment (Current)

2007-pres. Jersey Shore University Medical Center, Neptune NJ

Licensure

New Jersey: Full Medical License, Controlled Substances. DEA Certification Active

Certification

Certified National Board of Medical Examiners, 1992.
 Diplomate, American Board of Internal Medicine 1995. Recertified 2005, 2015.
 Collaborative Institutional Training Initiative (CITI) Certification.
 Fellow American College of Physicians 2019

National/International Leadership Positions:

North American Society of Obstetric Medicine (NASOM), Member 1997-Present

- President ('19-22), Vice President ('17-19), Secretary/Treasurer ('15-17)
- Developed Mentor/Mentee program linking new/senior members.
- Established society as 501(c) Tax Exempt Organization. Led Bylaw Revision.
- 1997 Young Investigator Award. 2008 Peter Garner Award (Top Research Presentation)
- Founder and Administrator International Listerv Discussion Forum

Society of General Internal Medicine, Member 1997-Present

- Obstetric Medicine Interest Group Founder/Coordinator. 1999-Present.
- Charter Member Women's Health Working Group 2007-2010
- Women and Medicine Task Force Career Advising Program (CAP) 2015-2017
- Workshop/Abstract Reviewer. National Meeting Mentorship Program

International Society of Obstetric Medicine (ISOM)

- International Obstetric Medicine Email Discussion Listserv (1998). Founder/Administrator ~400 members from N. American, New Zealand, UK, and International Societies of Ob Medicine.
- 2014: International Meeting Co-Chair collaborating with NASOM/ISSHP
- 2015: Director Website Re-Design

Journal Editorial Board

2017- Obstetric Medicine: The Medicine of Pregnancy. Sage Publishing.

Teaching Activities: Medical School

Rutgers - Robert Wood Johnson School of Medicine/ Hackensack Meridian School of Medicine

Developed Women's Ambulatory Health Elective and Obstetric Medicine Clinic

Journal Club & Evidence Based Medicine Director

Physical Diagnosis Course, OSCE Preceptor, Board Review.

Inpatient service attending and Continuity Clinic preceptor.

Honors And Teaching Awards

Teaching Award. Department of Obstetrics & Gynecology, Brown University, Women and Infant's Hospital of Rhode Island. 1998.

Louis F. Albright Award for Excellence in Clinical Education. Internal Medicine Residency Program. Jersey Shore University Medical Center, Neptune, NJ. 2012.

Monmouth County Top Doctor. 2023. 2024 (Monmouthmag.com)

Teaching Activities: Peer

- A. Faculty: America's OB/Gyn Board Review Course: 2008-Present
 - a. Lecturer and mock oral testing Internal Medicine content. Charlotte, NC. Dr Krishna Das, Director. Preparatory course for the ABOG and AOBG exams.
 - b. 2019: Technical Expert Panel (TEP) member for systematic review on Management of Primary Headaches in Pregnancy funded by The Agency for Healthcare Research and Quality (AHRQ). Project Lead: Ian J. Saldanha MBBS, MPH, PhD
- B. Attending Mentor on Resident scientific and vignette posters
 - a. Society of General Internal Medicine (SGIM)
 - b. North American Society of Obstetric Medicine (NASOM) Annual Meeting
 - c. NJ American College of Physicians (ACP) Regional Meeting
- C. Professional
 - a. North American Society of Obstetric Medicine (NASOM) Annual Meeting
 - i. Invited Speaker, Panel Moderator, Program Committee
 - b. American College of Physicians Invited Workshop Lecturer 2019
 - c. Society of Hospital Medicine National Meeting Invited Lecturer 2016
 - d. Society of General Internal Medicine (SGIM): 11 Courses/Workshops Taught
 - e. National Institute of Child Health and Human Development Workshop Participant. Benowitz NL, Dempsey DA, Goldenberg RL, Hughes JR, Dolan-Mullen P, Ogburn PL, Oncken C, Orleans CT, Slotkin TA, Whiteside HP Jr, Yaffe S. The use of pharmacotherapies for smoking cessation during pregnancy. *Tob Control*. 2000; 9 Suppl 3: III91-4. PMID: 10982920
 - f. Society for Maternal Fetal Medicine: Pregnancy as a Window to Future Health Workshop. Annual Meeting 2014. Sponsored by the SMFM, NICHD, and ACOG
 - g. Grand Rounds (Obstetric Medicine/Perioperative Medicine)
 - i. Departments of Medicine (40); Obstetrics and Gynecology (12); Surgery (2)
 - ii. American College of Physicians New Jersey Chapter Plenary Speaker/Workshops (4)

SCHOLARLY ACTIVITIES

A. *Selected Refereed Original Journal Articles (43 Total).*

1. Casele H, Haney EI, James A, Rosene-Montella K, Carson M. Bone density changes in women who receive thromboprophylaxis in pregnancy. *Am J Obstet Gynecol*. 2006 Oct;195(4):1109-13. PMID: 17000242. Site investigator for randomized trial.
2. Carson MP, Lewis GB, Pagan ER, and Evers M. Evaluation of home testing to improve follow up after gestational diabetes (Fingerstick Assessments of Sugar Two-months postpartum or FAST). *Obstetric Medicine*. September 2013; vol. 6, 3: pp. 120-124.
3. Carson MP, Frank MI, Keely E. Postpartum Testing Rates Among Women with a History of Gestational Diabetes – Systematic Review. *Primary Care Diabetes* 2013. 7. p177-186. PMID 23684416
4. Carson MP, Morgan B, Gussman D, Wisner TA, Rothenberg K, Brown M. (S.U.G.A.R.): Spotting Undiagnosed Glucose Abnormalities: A New Protocol To Increase Postpartum Testing Among Women With Gestational Diabetes Mellitus. *Am J Perinatol*. 2014 Aug 5. 32(3). p. 299-305. PMID: 25093913
5. Carson MP. Regarding: "The discordance between HbA1c and glucose tolerance testing for the postpartum exclusion of diabetes following gestational diabetes". *Diabetes Res Clin Pract*. 2015 Sep;109(3):e13. doi: 10.1016/j.diabres.2015.05.041. Epub 2015 Jun 9. PubMed PMID: 26130592.
6. Carson MP, Ananth C, Gyamfi-Bannerman C, Smulian J, Wapner RJ. Postpartum Testing For Abnormal Glucose Tolerance Among Women With Gestational Diabetes: A Review. *Obstetrics & Gynecology* 2018. 132(1): 193-198. PMID 29889746
7. Chuan W, Metcalfe A, Anderson T, Sigal RJ, Johnson J, Carson, M, Nerenberg K. Risks of dysglycemia over the first four years after a hypertensive disorder of pregnancy. *Canadian Journal of Diabetes*. 2019; 43(8):587-593
8. Kearse C, Carson MP, Kane M, Fitzgerald R, Ragone P, Plante L. The effect of breastfeeding on postpartum fructosamine and HbA1c values after normal pregnancy. *Obstet Med*. 2021 Mar;14(1):19-22. doi: 10.1177/1753495X19868864. Epub 2019 Oct 22. PubMed PMID: 33995567; PubMed Central PMCID: PMC8107971.

B. *Selected Books, Monographs and Chapters (16 Total)*

1. Co-Editor. (2021) *Sex- and Gender-Based Women's Health. A Practical Guide for Primary Care*. Editors: Tilstra, S., Kwolek, D., Mitchell, J.L., Dolan, B.M., Carson, M.P. (Eds.). 1st ed. Springer. 2020 ISBN 978-3-030-50695-7.

C. *Abstracts – Peer Reviewed (21 Total): mentored residents/colleagues*

D. *Research Funding/Experience as P.I.*

- 1) 2020-2023: Primary Investigator. \$20,000 Hackensack Meridian School of Medicine Seed Grant.
 - a) P.A.R.T. (Postpartum A1C Reliability Tool) Compare a 6-week postpartum HbA1c to a 13-week postpartum HbA1c to demonstrate that the 6-week value accurately correlates with the 13-week value. This will provide evidence that the HbA1c can be obtained at the 6-week postpartum visit to improve the rate at which women with gestational diabetes are screened for persistent postpartum dysglycemia. Actively recruiting.
- 2) 2017-2020: Site Primary Investigator. MINT: Myocardial Ischemia and Transfusion Trial.
 - a) Clinicaltrials.gov NCT02981407. NHLBI funded study to enroll 3500 patients with acute myocardial infarction with a hemoglobin concentration of less than 10 g/dL to be randomized to either a Liberal (10 g/dL) or Restrictive Transfusion (7-8 g/dL) Strategy. Primary outcome all cause mortality or recurrent myocardial infarction at 30 days post randomization.
- 3) Co-Primary Investigator on RO1 submitted to NIDDK/NIH with Re-Submitted December 2018.
 - a) Co-PI: Ronald Wapner (Director of Reproductive Genetics and Professor of Obstetrics and Gynecology at Columbia University Irving Medical Center)
 - b) S.U.G.A.R. (Spotting Undiagnosed Glucose Abnormal Results). \$3,488,932. Impact Score 50, 48th Percentile. Coordinated team for multicenter randomized trial, in collaboration with the Perinatal Research Consortium based out of Columbia University Medical Center, Brown University, and University of Pittsburgh to evaluate the ability of an office based testing model to increase detection of the 30% of women with persistent postpartum pre-diabetes or overt diabetes. Scored not funded.
- 4) 2018: Faculty Seed Grant Department of Obstetrics and Gynecology at Drexel University. Grant# 130549-6201. Dr. Lauren Plante, Drexel University. Supported study to evaluate the effect of breastfeeding on postpartum fructosamine and HbA1c levels. Results published 2021.
- 5) 2012-13: Collaborated with Healthy Functions, LLC to develop the protocol for a proof of concept study on the CircSupport® system to prevent and treat pressure ulcers. Dr. Robert Jarmon, founder and owner of Healthy Functions and JSUMC emeritus member

Published Photograph

- 1) Carson, M. "The Pulse: Lake Placid Summer Classic." *Inside Lacrosse*. September 2011. p 50-51..

Service on Major Committees:

Hackensack Meridian Health

2019-2020 Co-Chair Network Laboratory Formulary Committee (Dr. Brian Erler)

2016-2024 EPIC Physicians Advisory Committee (EPAC)

2019-2024 EPIC Ambulatory Physician Advisory Group Committee (EPAGC)

AdHoc Journal Reviewer (16 Total)

Service on Hospital Committees

St. Peter's University Hospital

Chair Continuous Quality Improvement Committee 1999-2007.

Maternal Fetal Medicine - Intensive Care Unit Committee, Performance Improvement Committee, Patient Safety Committee, Critical Care Obstetrics Research Consortia, Physician Champion PRO Review Project Stroke/TIA

Jersey Shore University Medical Center/Hackensack Meridian Health

2019-2020 Co-Chair Network Laboratory Formulary Committee (Dr. Brian Erler)

2015-2017 EPIC Physician Champion/Readiness Team. Subject Matter Expert: Physicians Advisory Committee and Ambulatory Committee

Geriatric Hip Fracture Program. Quality improvement project.

Research Day Steering Committee.

Service to Medical Students/Residents

Resident Faculty Advisor, Evidence Based Medicine Curriculum Site Director, Clinical Advisor

Service To The Community

2006- 2011 Advisory Board Women's Health & Counseling Center, Somerville, NJ

2016-2018 Organizing committee member Shimon and Sara Birnbaum JCC Annual Golf & Tennis Outing Benefiting The JCC Scholarship Fund And Senior Health & Wellness.

Personal

Lacrosse: Division Champion Lake Placid ('15, '21, '23, 24). Florida Classic ('15, '19, '23, 25)