



CHRISTOPHER J. BILBAO, DO

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543 Hamilton Road
Merion Station, PA 19066

PROFILE

Board-certified Neurosurgeon with extensive experience in trauma and elective surgical procedures. Highly skilled in coordinating multiple departments and teams to produce quality outcomes in a variety of situations. Successful educator across multiple clinical and non-clinical disciplines. Well-adapted to work in high-stress situations.

POST-GRADUATE EXPERIENCE

Neurosurgeon, Axon Neurosurgery

2026 – Current

Neurosurgeon in independent medical group specializing in neurosurgical and spinal consultations. Responsible for pain management through various avenues such as medication management, minimally invasive procedures and trigger point therapy. Provides alternative treatment options for spinal injuries.

Neurosurgeon, North American Spine and Pain Institute

2024 - Current

Neurosurgeon in a multi-specialty medical group with specialization in spine surgery. Responsible for development of technology integration through use of AR/VR into practice. Developed and led program to integrate minimally-invasive spinal surgery techniques into practice resulting in tangible increase in productivity and revenue.

Assistant Professor of Neurosurgery, Philadelphia College of Osteopathic Medicine; Philadelphia, PA

2023 - Current

Assistant Professor of Neurosurgery at the Philadelphia College of Osteopathic Medicine with responsibilities in didactic teaching and mentorship of medical students

Neurosurgeon, Elite Specialty Care, P.C.

2023 - 2024

Neurosurgeon in a multi-specialty medical group with specialization in spine surgery. Administrative responsibilities include development of various policies and procedures for standardization of practice across multiple medical specialties.

Attending Neurosurgeon, Cooper University Hospital; Camden, NJ



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2019-2023

Staff Neurosurgeon in a 600+ bed Level 1 Regional Trauma Center practicing General Neurosurgery with focus on Pain, Spine (including minimally-invasive, use of AR/VR, and robotics), and Gamma Knife Radiosurgery

Clinical researcher, including Primary Investigator, in Traumatic Brain Injury (BOOST-3), Dendritic-Cell Vaccine in Glioblastoma Multiforme, Thoracolumbar Interfascial Plane (TLIP) injection therapy in spine surgery, Gamma Knife Radiosurgery outcomes in Meningioma and Small Cell Lung Cancer, as well as Philadelphia Coalition for a Cure (PC4C) brain tissue banking

Assistant Professor of Neurosurgery at Cooper Medical School of Rowan University (CSMRU) with responsibilities in teaching medical students, residents through the Philadelphia College of Osteopathic Medicine (PCOM)/ Cooper residency

Attending Neurosurgeon, Oregon Neurosurgery; Eugene, OR

2016-2018

Staff Neurosurgeon in a Private Practice in Eugene, Oregon servicing a Level 2, 392-bed trauma center with a catchment area occupying the entire southwest portion of the state.

Clinical Instructor, Stanford University Hospital; Stanford, CA

2015-2016

Clinical instructor/Stereotactic Radiosurgery Fellow for the Department of Neurosurgery. Responsible for planning and implementation of CyberKnife radiosurgical procedures numbering 700+ as well as teaching resident physicians and medical students in the Stanford Hospital System.

Staff Neurosurgeon at Santa Clara Valley Medical Center responsible for primary call 4-5 nights per month

TRAINING

Neurosurgical Surgery Resident, Philadelphia College of Osteopathic Medicine; Philadelphia, PA — 2010-2015

Traditional Rotating Intern, Mercy Health System; Darby, PA— 2009-2010

EDUCATION

Philadelphia College of Osteopathic Medicine; Philadelphia, PA
— Doctor of Osteopathic Medicine (D.O.), 2009

Villanova University; Villanova, PA
— Bachelor of Science, Biology (B.S.), 2005



PROJECT WORK

Physician Leader in weekly Neurosurgical resident didactic lectures and monthly resident Journal Club meetings (2019-2023)

Neurosurgical Department leader for integration of updated and upgraded stereotactic radiosurgery equipment within the Radiation Oncology suites with goal of continued revenue through neurosurgical service line

Neurosurgical Department Liaison, Morbidity and Mortality (2019-2023)

Department Leader for 4th year medical student clerkship: Neurosurgery for Primary Care

Department Leader for development of intrathecal drug delivery system workflow, including collaboration with Physical Medicine & Rehabilitation department

Department Leader for development of Enhanced Recovery Pathway (ERAS) for Spinal Surgery

Investigator in numerous clinical trials

Trauma Intensive Care Unit Nurse Educator in Traumatic Brain Injury

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AWARDS

2023 South Jersey Magazine Top Docs for Kids in Neurosurgery

2023 Best Doctors in Pennsylvania

SKILLS

Advanced Cardiac Life Support (ACLS), Basic Cardiac Life Support (BCLS), Minimally-Invasive Spine (MIS), Trauma Cranial and Spinal surgery, Stereotactic Radiosurgery (SRS), Neurocritical Care, Spinal Cord Stimulation (SCS), Intrathecal Drug Delivery (IDD) system implantation, Vagal Nerve Stimulator (VNS) implantation, Image-guided Cranial and Spinal surgery, Robotic Spine surgery, EPIC EHR proficiency, Proficient in Microsoft Word/Excel/PowerPoint