

CURRICULUM VITAE
Jennifer Moliterno, MD, FAANS

Version date: 10/05/2023

Name: Jennifer Moliterno, MD, FAANS

Proposed for: Promotion to Professor, Department of Neurosurgery, Clinician Educator Track

Term: Primary Appointment: beginning July 1, 2019 to June 30, 2024

School: Yale School of Medicine

Education:

2001 – BSc, Psychology, University of Florida, Gainesville, FL

2005 – MD, Honors in Research, University of Florida, Gainesville, FL

Career Appointments:

2005 – 2006 Intern, Department of Surgery, Yale New Haven Hospital, New Haven, CT

2007 – 2008 Robert Wood Johnson Clinical Scholars Program, Yale School of Medicine, New Haven, CT

2008 – 2009 Clinical Research Fellow in Neurosurgical Oncology, Department of Neurological Surgery, New York Presbyterian Hospital/Weill Cornell Medical Center, New York, NY

2006 – 2011 Resident, Department of Neurosurgery, Yale New Haven Hospital, New Haven, CT

2011 – 2012 Chief Resident, Department of Neurosurgery, Yale New Haven Hospital, New Haven, CT

2012 – 2013 Surgical Fellow in Neurosurgical Oncology, Department of Neurosurgery, Memorial Sloan Kettering Cancer Center, New York, NY

Academic Appointments:

2013 – 2019 Assistant Professor, Department of Neurosurgery, Yale School of Medicine, New Haven, CT

2019 – Associate Professor, Department of Neurosurgery, Yale School of Medicine, New Haven, CT

Hospital Administrative Positions:

2018 – Director, Multidisciplinary Primary Central Nervous System Tumor Board, Yale School of Medicine, Smilow Cancer, Yale New Haven Hospital, New Haven, CT

2018 – Director, Multidisciplinary Precision Brain Tumor Board, Yale School of Medicine, Smilow Cancer Hospital, Yale New Haven Hospital, New Haven, CT

2018 – Chief, Neurosurgical Oncology, Department of Neurosurgery, Yale School of

Jennifer Moliterno, MD, FAANS

- Medicine, Smilow Cancer Hospital, Yale New Haven Hospital, New Haven, CT
- 2019 – 2021 Co-Director, Yale Brain Tumor Center at Smilow Cancer Hospital, New Haven, CT
- 2021 – Director, The Susan Beris MD Neurosurgical Oncology Program, Yale New Haven Hospital, New Haven, CT
- 2021 – Clinical Director, The Chenevert Family Brain Tumor Center, New Haven, CT

University Administrative Positions:

- 2017 – 2020 Associate Program Director, Residency Program, Department of Neurosurgery, Yale School of Medicine, New Haven, CT
- 2018 – 2020 Elected Chair, Education Committee, Dept. Neurosurgery, Yale School of Medicine, New Haven, CT
- 2018 – Chief, Neurosurgical Oncology, Department of Neurosurgery, Yale School of Medicine, Smilow Cancer Hospital, Yale New Haven Hospital, New Haven, CT
- 2020 – Director, CAST-accredited Neurosurgical Oncology Fellowship Program, Department of Neurosurgery, Yale School of Medicine, New Haven, CT
- 2022 – Surgical Director, Facial Pain and Spasm Program, Department of Neurosurgery, Yale School of Medicine, New Haven, CT

Board Certification:

- 2016 American Board of Neurological Surgery, November

Professional Honors & Recognition:

International/National/Regional

- 1998 – 2001 President’s Honor Roll for GPA of 4.0, University of Florida
- 2001 Phi Beta Kappa, University of Florida
- 2005 Honors in Research
- 2008 Top Clinical Abstract Award, New England Neurosurgical Society Annual Meeting
- 2009 Louise Eisenhardt Award, American Association of Neurological Surgeons
- 2012 Outstanding Young Alumni Award, University of Florida
- 2020 Integra Foundation Brain Tumor Research Award for Highest Scoring Scientific Abstract, Section on Tumors, Congress of Neurological Surgeons

Hospital

- 2021 Yale Cancer Center Award for Clinical Excellence

Grant/Clinical Trials History:

Current Grants/Clinical Trials

- Agency: NIH / NCI
- ID#: U19CA264362
- Title: “Center of Innovation for Brain Tumor Therapeutics”
- PI: Jann Sarkaria, MD, Ranjit Bindra, MD, PhD,

Evanthia Galanis, MD Antonio Omuro, MD

Role on project: Investigator

Project period: 2022 – current

Agency: NIH / NCI

ID#: R01CA266757

Title: “Targeting T cell dysfunction in glioblastoma: A proof-of-concept Phase 0/1 trial of anti-TIGIT antibody AB154 in combination with anti-PD1 antibody AB122”

PI: Antonio Omuro, MD

Role on project: Investigator

Total costs: \$3,416,600

Project period: 02/15/2022 - 12/31/2026

Agency: NIH / NIBIB

I.D.# 1R01CA280871-01

Title: “Interleaved 1H/23Na imaging for invasive and proliferative phenotypes of brain tumors”

PI: Fahmeed Hyder, PhD

Role on project: Investigator

Total costs: \$2,266,094

Project period: 03/01/2023 – 02/28/2027

Agency: NIH / NIDDS

I.D.# R21NS131852

Title: “Elucidate genetic regulation of GBM differentiation”

PI: Jiangbing Zhou, PhD

Role on project: Investigator

Total costs: \$460,625

Project period: 04/01/2023 - 03/31/2025

Agency: CT Brain Tumor Alliance

Title: “Clinical Correlations of Brain Tumor Genomics”

PI: Jennifer Moliterno, MD

Role on project: Principal Investigator

Total costs: \$97,500

Project period: 2020 - current

Agency: Arcus Biosciences, Inc.

Title: “Targeting immunosuppression in glioblastoma: Proof of concept phase 1/1B trial of anti-TIGIT antibody AB154 as single agent and in combination with anti-PDi antibody AB122”

PIs: Jennifer Moliterno, MD Antonio Omuro, MD David Hafler, MD

Role on project: Yale Site Surgical Principal Investigator
Project period: 2020 - current

Agency: Gateway for Cancer Research
ID#: G-21-200
Title: “Exploiting mutant IDH1/2-induced DNA repair defects in a Phase I/II trial”
Yale Site Principal
PI: Ranjit Bindra, MD, PhD
Role on project: Investigator
Total costs: \$509,264
Project period: 12/01/2021 - 11/30/2024

Agency: North American Skull Base Society
Title: “Effect of Somatic Driver Mutations on Type of Bony Involvement of Sporadic
Skull Base Meningiomas”
PI: Jennifer Moliterno, MD
Role on project: Principal Investigator
Project period: 2022 – current

Philanthropic Research Support

Beris Fund \$211,960 (Further support committed)
Other \$20,830

Pending Clinical Trials and Grants

Agency: NIH
Title: “Polyphenol nanoparticles for glioblastoma treatment and drug
delivery”
PI: Jiangbing Zhou, PhD
Role on project: Co-Principal Investigator
Total costs: \$3,603,441
Project period: Applied, Proposed for: 04/01/2024 – 03/31/2029

Agency: NIH / NCI
Title: “Single-cell-resolution phenotypic and molecular clinical
outcome predictors in brain cancers”
ID#: R01CA263618
PI: Jennifer Moliterno, MD
Role on project: Principal Investigator (Contact PI)
Total costs: 3,901,574
Project period: Re-submission 03/2024

Agency: NIH / NCI”
Title: “RACE to predict clinical outcomes in meningioma”
ID#: R21CA264058
PI: Jennifer Moliterno, MD
Role on project: Principal Investigator (Contact PI)
Total costs: \$460,625
Project period: Re-submission 03/2024

Past Grants/Clinical Trials

Agency: TRAD
I.D.# HIC# 1406014067
Title: “TAU-2014-1: Phase I Trial of Mibefradil Dihydrochloride with Hypofractionated Re-
Irradiation Therapy in Treating Patients with Recurrent Glioblastoma Multiforme
(GBM)”
PI: Ranjit Bindra, MD, PhD
Role on project: Co-Investigator
Project period: 8/2014-3/2017

Agency: TRAD
I.D.# HIC# 1511016810
Title: AbbVie M13-813/RTOG 3508: A Randomized, Placebo Controlled Phase 3 Study
of ABT-414 with Concurrent Chemoradiation and Adjuvant Temozolomide in
Subjects with Newly Diagnosed Glioblastoma (GBM) with Epidermal Growth
Factor Receptor (EGFR) Amplification (Intelligence1)
PI: Joseph Contessa, MD, PhD
Role on project: Investigator
Project period: 6/2016-12/2017

Agency: Tocagen, Inc HIC# 1509016502
Title: “A Phase II/III, Randomized, Open-Label Study of Toca 511, a Retroviral
Replicating Vector, Combined with Toca FC versus Standard of Care in
Subjects Undergoing Planned Resection for Recurrent Glioblastoma or
Anaplastic Astrocytoma”
PI: Jennifer Moliterno, MD
Role on project: Yale Site Principal Investigator
Project period: March 2016-2020

Invited Speaking Engagements, Presentations, Symposia Not Affiliated with Yale

National/International

1. “Neurosurgical Career Update,” Memorial Sloan-Kettering Grand Rounds, New York,

1. NY, 2019.
2. “Neurosurgical Management and Precision Medicine for Brain Tumors,” Bachesir University, Istanbul, Turkey, 2019.
3. “The Clinical Implications of the Meningioma Genomic Subgroups,” Northwell/LIJ Department of Neurosurgery, Manhasset, NY, 2019.
4. “The Clinical Implications of the Meningioma Genomic Subgroups,” University of Florida Department of Neurosurgery, Gainesville, FL, 2019.
5. “Awake Craniotomy,” University of Connecticut, Farmington, CT, 2021.
6. “Meningioma Biology,” Gamma Knife Radiosurgery Symposium, Istanbul, Turkey - *talk given by web due to covid-19*, 2021.
7. “Meningioma Recurrence and Genomic Drivers,” Dana Farber Cancer Institute, Boston, MA - *talk given by web due to covid-19*, 2021.
8. “Surgical Strategies Based on Meningioma Genomic Subgroup,” The Turkish Society of Neurosurgery, Istanbul, Turkey, 2021.
9. “The Clinical Implications of the Genomics of Meningiomas,” University of Miami, Department of Neurosurgery Grand Rounds, Miami, FL, 2021.
10. The Young Neurosurgeons/Section on Tumors Reception Keynote Speech, “How to Build a Brain Tumor Surgical Practice,” Austin, TX, 2021.
11. “Updated WHO Criteria,” for the Society of Neuro-Oncology, Medscape Webinar Series, 2021.
12. “What is a High-Risk Meningioma,” Congress of Neurological Surgeons Annual Meeting, Austin, TX, 2021.
13. “What is a High-Risk Meningioma,” Society of Neuro-Oncology Annual Meeting, Boston, MA, 2021.
14. The Wharen Distinguished Lecture, “The Clinical Implications of the Genomics of Meningiomas,” Mayo Clinic, Jacksonville, FL - *talk given by web due to covid-19*, 2021.
15. “Building Interdepartmental Collaborations and Multidisciplinary Initiatives,” Congress of Neurological Surgeons: The Basis of a Rewarding Neurosurgical Career: A Career Guide for New Attending Physicians and Fellows, Las Vegas, NV, 2022.
16. “Surgical Strategies for Primary Brain Tumors,” The National Institute of Health SEER Registrar Meeting, Bethesda, MD, 2022.
17. “The Clinical Implications of the Meningioma Genomic Subgroups,” Albert Einstein School of Medicine Department of Neurosurgery Grand Rounds, Brooklyn, NY, 2022.
18. “Tumor Section Update,” Congress of Neurological Surgeons Annual Meeting, San Francisco, CA, 2022.
19. “The Clinical Implications of the Genomics of Meningiomas,” Walter E. Dandy Neurosurgical Club, Lima, Peru, 2022.
20. “The Clinical Implications of the Genomics of Meningiomas,” The Congress of the Society of Neuro-Oncology of Latin America, Brazilia, Brazil, 2022.
21. “The Clinical Implications of the Genomics of Meningiomas,” Tufts Department of Neurosurgery Grand Rounds, Boston, MA, 2022.
22. “Promoting Diversity in Skull Base Surgery,” North American Skull Base Society

- Annual Meeting, Tampa, FL, 2023.
23. “Molecular Strategy to the Surgical Management of Meningiomas,” American Association of Neurological Surgeons Annual Meeting, Los Angeles, CA, 2023.
 24. “The Clinical Implications of the Genomics of Meningiomas,” International Rhoton Society Meeting, Istanbul, Turkey, 2023.
 25. “The Clinical Implications of the Genomics of Meningiomas,” The Neurosurgical Atlas International Webinar, 2023.
 26. “The Clinical Implications of the Genomics of Meningiomas,” Columbia Department of Neurosurgery Grand Rounds, New York, NY, 2023.
 27. “Mentorship in Neurosurgery,” Women in Neurosurgery/Lenox Hill Hospital Webinar
 28. “The Clinical Implications of the Genomics of Meningiomas,” University of Texas at Austin Department of Neurosurgery Grand Rounds, Austin, TX, 2023.
 29. “The Clinical Implications of the Genomics of Meningiomas,” Johns Hopkins Department of Neurosurgery Grand Rounds, Baltimore, MD, 2023.
 30. Keynote Speaker, “The Clinical Implications of the Genomics of Meningiomas,” Interurban Society Meeting of Chicago, Chicago IL, 2024 (accepted).
 31. Keynote Speaker and Dissection Teacher, “Skull Base Surgical Approaches,” University of Wisconsin Surgical Anatomy Course, Madison, WI, 2024 (accepted).

Regional

1. “The Current Practice of the Surgical and Personalized Management of Brain Tumors,” St. Francis Hospital Department of Surgery Grand Rounds, Hartford, CT, 2017.
2. “The Current Practice of the Surgical and Personalized Management of Brain Tumors,” University of Connecticut Hospital Department of Neurology, Farmington, CT, 2017.
3. “The Current Practice of the Surgical and Personalized Management of Brain Tumors,” Greenwich Hospital Department of Medicine, Greenwich, CT, 2018.
4. “Advances in the Treatment of Brain Tumors,” TRAC Education Meeting, New Haven, CT, 2019.
5. “The Current Practice of the Surgical and Personalized Management of Brain Tumors,” Middlesex Hospital Department of Medicine Grand Rounds, Middletown, CT, 2019.
6. “Surgical Strategies for Primary Brain Tumors,” Greenwich Hospital Tumor Board, Greenwich, CT, 2021.
7. “Awake Craniotomy,” University of Connecticut School of Medicine, Farmington, CT, 2021.
8. “Surgical Strategies for Primary Brain Tumors,” Susan Beris, MD Symposium Webinar with CT Brain Tumor Alliance, 2021.
9. “Awake Craniotomy,” University of Connecticut School of Medicine, Farmington, CT, 2022.
10. “Awake Craniotomy,” University of Connecticut School of Medicine, Farmington, CT, 2023.

Yale

1. “Clinical Trials of the New York Brain Tumor Project,” Yale Department of Neurosurgery Grand Rounds, 2008.
2. “ASCO Update for Neuro-Oncology,” Smilow Cancer Hospital ASCO Update Seminar, New Haven, CT, 2018.
3. “The Current Practice of the Surgical and Personalized Management of Brain Tumors,” Smilow Cancer Hospital Grand Rounds, New Haven, CT, 2018.
4. “The Current Practice of the Surgical and Personalized Management of Brain Tumors,” Section of Neuro-Oncology, New Haven, CT, 2018.
5. “The Current Practice of the Surgical and Personalized Management of Brain Tumors,” Yale Brain Tumor Program Education Seminar, New Haven, CT, 2018.
6. “The Current Practice of the Surgical and Personalized Management of Brain Tumors,” Yale Brain Tumor Program Education Seminar, New Haven, CT, 2019.
7. “The Neurosurgical Management of Primary Brain Tumors,” Therapeutic Radiology Grand Rounds, New Haven, CT, 2019.
8. “The Neurosurgical Management of Primary Brain Tumors: The Clinical Enterprise,” Yale Brain Tumor Center Retreat, New Haven, CT, 2019.
9. “The Surgical Management of Acoustic Neuromas: The Importance of Expertise,” Yale Brain Tumor Center, New Haven, CT, 2019.
10. “The Clinical Implications of the Genomics of Meningiomas,” Yale Neurosurgery Grand Rounds, New Haven, CT, 2021.
11. “The Clinical Implications of the Genomics of Meningiomas,” Yale Neurosurgery Grand Rounds, New Haven, CT, 2022.
12. “The Susie Beris, MD Neurosurgical Oncology Program,” Yale Neurosurgery Grand Rounds, New Haven, CT, 2022.
13. “Neuroanatomy Case Illustrations,” Yale School of Medicine Neuroanatomy for 2nd year medical students, 2023.
14. “The Susie Beris, MD Neurosurgical Oncology Program,” Yale Neurosurgery Grand Rounds, New Haven, CT, 2023.

Peer-Reviewed Presentations & Symposia Given at Meetings Not Affiliated with Yale

National/International

1. “The Significance of Granular Cells in Gliomas,” *Top 10 Abstract Award*, New England Neurosurgical Society Annual Meeting, Chatham, MA, 2008.
2. “Gastric bypass and Neural Tube Defects,” Congress of Neurological Surgeons Annual Meeting, Orlando, FL, 2008.
3. “EGFR Expression Suppresses PP2A in Gliomas,” *Louise Eisenhardt Award Recipient*, Congress of Neurological Surgeons Annual Meeting, New Orleans, LA, 2009.
4. “Survival Advantage in Patients with De novo versus De-Differentiated Anaplastic Meningioma,” Neurosurgical Society of America Annual Meeting, Sea Island, GA, 2013.

5. “The Benefits of Neurosurgical Oncology Fellowship,” American Association of Neurological Surgeons Annual Meeting, Washington, D.C., 2015.
6. “How to Develop a Career in Brain Tumor Surgery,” American Association of Neurological Surgeons Annual Meeting, Los Angeles, CA, 2017.
7. “How to Develop a Career in Brain Tumor Surgery,” Congress of Neurological Surgeons Annual Meeting, Boston, MA, 2017.
8. “How to Develop a Career in Brain Tumor Surgery,” American Association of Neurological Surgeons Annual Meeting, New Orleans, LA, 2018.
9. “Meningioma Genomic Subgroup and Predicting Post-operative Patient Outcomes: Implications for Treatment and Follow-up,” The American Academy of Neurological Surgeons, Rome, Italy, 2019.
10. “Meningioma Genotypes and Clinical Correlations,” Society of Neuro-Oncology Annual Meeting, Phoenix, AZ, 2019.
11. “The Role of Surgical Resection of Low-Grade Gliomas,” Congress of Neurological Surgeons Annual Meeting, San Francisco, CA, 2019.
12. “Treatment of Recurrent/Refractory Metastatic Tumors and Radiation Necrosis,” Congress of Neurological Surgeons Annual Meeting, San Francisco, CA, 2019.
13. “Extent of Resection of Epidermoid Tumors and Rate of Recurrence,” North American Skull Base Meeting, San Antonio, TX, 2020.
14. “Surgical Nuances to Acoustic Neuromas,” Acoustic Neuroma Association Webinar
15. “The Surgical Management of Acoustic Neuromas,” North American Skull Base Meeting, San Antonio, TX, 2020.
16. “The Clinical and Genomic Factors Associated with Seizure in Meningioma,” The American Academy of Neurological Surgeons Annual Meeting, Pebble Beach, CA, 2021.
17. “The Clinical and Genomic Factors Associated with Seizure in Meningioma,” The Neurosurgical Society of America Annual Meeting, Lake Tahoe, NV, 2021
18. “Type of Bony Involvement Predicts Genomic Subgroup in Sphenoid Wing Meningiomas,” The Neurosurgical Society of America, Lake Tahoe, NV, 2021.
19. “The Role of Surgical Resection of Low-Grade Gliomas,” Congress of Neurological Surgeons Annual Meeting, Austin, TX, 2021.
20. “NF2 Mutated Meningiomas Differ Based on Location Relative to the Tentorium,” North American Skull Base Meeting, Phoenix, AZ, 2022.
21. “TRAF7 Mutated Meningiomas of the Sphenoid Wing,” North American Skull Base Meeting, Phoenix, AZ, 2022.
22. “The Clinical Implications of the Genomics of Multiple Meningiomas,” North American Skull Base Meeting, Phoenix, AZ, 2022.
23. “CSF Diversion in Sphenoid Wing Meningioma Surgery: Criteria for a Retractorless Operative Technique,” New England Neurosurgical Society Annual Meeting, Cape Cod, MA, 2022.
24. “Genomic Profiles and Clinical Features of Sporadic Meningiomas Vary by Race,” New England Neurosurgical Society Meeting, Cape Cod, MA, 2022.

25. “Genomic Profiles and Clinical Features of Sporadic Meningiomas Vary by Race,” Neurological Society of America Annual Meeting, Maui, HI, 2022.
26. “Genomic Profiles and Clinical Features of Sporadic Meningiomas Vary by Race,” The American Academy of Neurological Surgeons Annual Meeting, Colorado Springs, CO, 2022.
27. “Meningioma Behavior and Genomic Characteristics Vary Relative to the Tentorium,” Society of Neuro-Oncology Annual Meeting, Tampa, FL, 2022.
28. “Meningioma Behavior and Genomic Characteristics Vary Relative to the Tentorium,” North American Skull Base Society Annual Meeting, Tampa, FL, 2023.
29. “*NF2* Mutant Meningiomas Behave More Benign in the Posterior Fossa,” New England Neurosurgical Society Annual Meeting, Cape Cod, MA, 2023.
30. “*NF2* Mutant Meningiomas Behave More Benign in the Posterior Fossa,” Neurosurgical Society of America Annual Meeting, Cape Cod, MA, 2023.
31. “Heterozygous Loss of *CDKN2A* in Meningiomas,” American Association of Neurological Surgeons/Congress of Neurological Surgeons Section on Tumors Symposium, Washington, DC, 2023.
32. “Heterozygous Loss of *CDKN2A* in Meningiomas,” Society of Neuro-Oncology, Vancouver, British Columbia, 2023.

Leadership/Skills Courses

- 2007 – 2008 Robert Wood Johnson Clinical Scholars Program, Yale School of Medicine
2017: Leadership for Women in Medicine, Harvard School of Medicine
2018: ACGME Faculty Development Course, ACGME Chicago Headquarters
2018 – 2019 Yale Medicine Emerging Leaders Program, Yale School of Management

Professional Service

Peer Review Groups / Grant Study Sections:

- 2014 – Abstract Reviewer, Section on Tumors, American Association of Neurological Surgeons
2014 – Abstract Reviewer, Section on Tumors, Congress of Neurological Surgeons
2014 – Member, Scientific Advisory Committee, B*Cured Foundation Study Section
2020 – Abstract Reviewer, New England Neurosurgical Society
2022 – Abstract Reviewer, North American Skull Base Society
2023 – Member, Scientific Advisory Committee, Chenevert Family Brain Tumor Center Study Section

Journals:

Editorial Boards

- 2022 – Assistant Editor, *Neurosurgery*
2022 – Invited Lead Editor, “Meningioma Edition,” *Journal of Neuro-Oncology*

Reviewer

2017 – *Journal of Neuro-Oncology*
2020 – *Neurosurgery*
2021 – *Neuro-Oncology*

Professional Organizations:

American Board of Neurological Surgeons

2021 – Guest Oral Board Examiner
2022 – CAST Fellowship Review Committee

American Association of Neurological Surgeons/Congress of Neurological Surgeons

2008 – Executive Committee, Women in Neurosurgery
2009 – 2010 Chair, Silent Auction Sub Committee, Young Neurosurgeons Committee
2009 – 2013 Young Neurosurgeons Committee
2010 – 2011 Chair, Publications Committee, Young Neurosurgeons Committee
2011 – Executive Committee, Section on Tumors
2013 – 2016 Editor, Newsletter, Section on Tumors
2014 Chair, AANS 2014 Scientific Program, Section on Tumors
2016 – 2018 Chair, Membership, Section on Tumors
2018 – CAST Fellowship Committee, Section on Tumors
2018 – 2020 Chair, By Laws, Section on Tumors
2019 – 2021 Chair, Development, Section on Tumors
2020 – Member at Large, Women in Neurosurgery
2022 – Chair, Awards, Section on Tumors

Society of Neuro-Oncology

2020 – 2022 Co-Chair, Young Scientist Committee

New England Neurosurgical Society

2020 – Executive Committee
2020 – 2021 Chair, Membership
2021 – 2022 Annual Meeting Chair
2022 – 2023 Education and Scientific Program Chair
2023 – Secretary

North American Skull Base Society

2019 – Executive Committee
2022 – Chair, Women in Skull Base Surgery
2022 – Scientific Program, Executive Committee

Other Organization Membership

2018 – Acoustic Neuroma Association
2018 – Neurosurgical Society of America
2020 – International Consortium on Meningiomas (ICOM)
2020 – Glioblastoma Therapeutics Network (GTN) Research

Medical Advisory Boards

- 2014 – B*Cured Foundation
- 2015 – Connecticut Brain Tumor Alliance
- 2019 – Acoustic Neuroma Association

Data and Safety Monitoring Board

- 2023 – Chair, HTX-GBM-01, Hemerion Therapeutics SAS

Guidelines Board

- 2023 – Grade 4 Diffuse Glioma Task Force, American Society for Radiation Oncology

Service for National and International Meetings

- 2014 Scientific Program Chair, Section on Tumors, American Association of Neurological Surgeons Annual Meeting, San Francisco, CA
- 2014 Moderator, Section on Tumors, American Association of Neurological Surgeons Annual Meeting, San Francisco, CA
- 2015 Yale Residency Program Alumni Meeting Chair, American Association of Neurological Surgeons Annual Meeting, Washington, D.C.
- 2015 Moderator, Section on Tumors, American Association of Neurological Surgeons Annual Meeting, Washington, D.C.
- 2016 Yale Residency Program Alumni Meeting Chair, American Association of Neurological Surgeons Annual Meeting, Chicago, Illinois
- 2017 Yale Residency Program Alumni Meeting Chair, American Association of Neurological Surgeons Annual Meeting, Los Angeles, California
- 2017 Moderator, Section on Tumors, American Association of Neurological Surgeons Annual Meeting, Los Angeles, CA
- 2018 Yale Residency Program Alumni Meeting Chair, American Association of Neurological Surgeons Annual Meeting, New Orleans, Louisiana
- 2019 Moderator, Section on Tumors, Congress of Neurological Surgeons Annual Meeting, San Francisco, CA
- 2020 Moderator, North American Skull Base Society Annual Meeting, San Antonio, TX
- 2021 Moderator, New England Neurosurgical Society Meeting, Cape Cod, MA
- 2022 Moderator, North American Skull Base Society, Phoenix, AZ
- 2022 Moderator, New England Neurosurgical Society Meeting, Cape Cod, MA
- 2022 Moderator, Section on Tumors, Congress of Neurological Surgeons Annual Meeting, San Francisco, CA
- 2022 Moderator, Society of Neuro-Oncology Annual Meeting, Tampa, FL
- 2023 Moderator, North American Skull Base Society, Tampa, FL
- 2023 Expert Panelist, North American Skull Base Society, Tampa, FL
- 2023 Moderator, American Association of Neurological Surgeons Annual Meeting, Los Angeles, CA
- 2023 Moderator, New England Neurosurgical Society Meeting, Cape Cod, MA
- 2023 Moderator, Section on Tumors, American Association of Neurological Surgeons/Congress of Neurological Surgeons Section on Tumors Symposium, Washington, DC

Educational Industry Consultant

2019 – BK Medical
2023 – Stryker

Yale University Service:

Hospital Boards & Committees

2013 – 2016 Ambulatory Clinic Committee, Smilow Cancer Hospital, Yale New Haven Hospital
2017 – Chair, The Lovemark Foundation Fund for Patient Support, Smilow Cancer Hospital
2019 – Smilow Leadership Council, Smilow Cancer Hospital
2019 – Chair, The Susan Beris, MD Fund for Brain Tumor Surgery
2022 – OR MRI Safety Committee, Yale New Haven Hospital

Departmental Committees

2018 – 2020 Peer-Elected Chair, Education Committee, Dept. of Neurosurgery, Yale School of Medicine

Medical School Educational Panels

2016 “How to Handle a Difficult Patient,” Yale School of Medicine Discussion Panel, New Haven, CT
2017 “How to Handle a Difficult Patient,” Yale School of Medicine Discussion Panel, New Haven, CT
2018 “Careers in the Neurosciences,” Yale School of Medicine Discussion Panel, New Haven, CT
2018 “How to Handle a Difficult Patient,” Yale School of Medicine Discussion Panel, New Haven, CT
2019 “Connection to the World Career Luncheon,” Yale School of Medicine Discussion Panel, New Haven, CT
2021 “Connection to the World Career Luncheon,” Yale School of Medicine Discussion Panel, New Haven, CT
2022 “Connection to the World Career Luncheon,” Yale School of Medicine Discussion Panel, New Haven, CT
2023 “Connection to the World Career Luncheon,” Yale School of Medicine Discussion Panel, New Haven, CT

Course / Lectureships

2017 – Creator, Organizer, Participant, “Yale Mock Oral Boards,” biannual half-day course
2018 – Organizer, Lead Instructor, Participant, Yale Cadaveric Anatomy Microsurgery Course, yearly two-day course
2020 – Lead Instructor, “Primary Brain Tumor Case Conference,” weekly

Public Service / Media Presence:

- 2015 – Featured Yearly as Expert and Consultant, NPR, *Brain Tumor Awareness and Education*
- 2015 – Featured numerous times on local News (i.e. Channel 8, Fox News) and in press as a brain tumor expert
- 2020 – 2022 Yale New Haven Hospital Commercial

Bibliography:

Peer-Reviewed Original Research

1. Sands SA, Milner JS, Goldberg J, Mukhi V, **Moliterno J**, Maxfield C, Wisoff JH. Quality of life and behavioral follow-up study of pediatric survivors of craniopharyngioma. *J Neurosurg*. 2005 Oct;103(4 Suppl):302-11. PMID: 16270681
2. Moliterno J, DiLuna ML, Sood S, Roberts KE, Duncan CC. Gastric bypass: a risk factor for neural tube defects? Case report. *J Neurosurg Pediatr*. 2008 May;1(5):406-9. PMID: 18447680
3. **Moliterno J**, Sood S, Zambrano E, Kim JH, Piepmeier JM, Baehring JM. Intracranial benign fibrous histiocytomas: a case report and review. *J Neurooncol*. 2009 Apr;92(2):203-9. Epub 2008 Nov 22. Review. PMID: 19030779
4. Redmond AJ, Diluna ML, Hebert R, **Moliterno J**, Desai R, Knisely JP, Chiang VL. Gamma Knife surgery for the treatment of melanoma metastases: the effect of intratumoral hemorrhage on survival. *J Neurosurg*. 2008 Dec;109 Suppl:99-105. PMID: 19123895
5. **Moliterno J**, Henry E, Pannullo SC. Corticorelin acetate injections for the treatment of peritumoral brain edema. *Expert Opin Investig Drugs*. 2009 Sep;18(9):1413-9. Review. PMID: 19678803
6. Wernicke AG, Sherr DL, Schwartz TH, Pannullo SC, Stieg PE, Boockvar JA, **Moliterno J**, Ivanidze J, Trichter S, Sabbas AM, Parashar B, Nori D. The role of dose escalation with intracavitary brachytherapy in the treatment of localized CNS malignancies: outcomes and toxicities of a prospective study. *Brachytherapy*. 2010 Jan-Mar;9(1):91-9. Epub 2009 Oct 21. PMID: 19850535
7. Ayuso-Sacido A, **Moliterno J**, Kratovac S, Kapoor GS, O'Rourke DM, Holland EC, Garcia-Verdugo JM, Roy NS, Boockvar JA. Activated EGFR signaling increases proliferation, survival, and migration and blocks neuronal differentiation in post-natal neural stem cells. *J Neurooncol*. 2010 May;97(3):323-37. Epub 2009 Oct 24. PMID: 19855928
8. Kolb LE, Arlier Z, Yalcinkaya C, Ozturk AK, **Moliterno J**, Erturk O, Bayrakli F, Korkmaz B, DiLuna ML, Yasuno K, Bilguvar K, Ozcelik T, Tuysuz B, State MW, Gunel M. Novel VLDLR microdeletion identified in two Turkish siblings with pachygyria and pontocerebellar atrophy. *Neurogenetics*. 2010 Jul;11(3):319-25. Epub 2010 Jan 15. PMID: 20082205
9. Arlier Z, Bayri Y, Kolb LE, Erturk O, Ozturk AK, Bayrakli F, Bilguvar K, **Moliterno J**, Dervent A, Demirbilek V, Yalcinkaya C, Korkmaz B, Tuysuz B, Gunel M. Four Novel SCN1A Mutations in Turkish Patients With Severe Myoclonic Epilepsy of Infancy (SMEI). *J*

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1. **Moliterno J**. Yale Brain Tumor Center Brochure, September 2019-PRES (reprint).
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3. **Moliterno, J**. Brain Tumor Program Brochure, October 2013.
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Book Chapters

1. **Moliterno J** and Günel M: Infratentorial Cavernous Malformation *in* Fundamentals of Operative Techniques in Neurosurgery, Connolly S, McKhann G, Huang J, Choudhri T, and Mocco J, eds, Thieme, New York, 2008.
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Edited Books and Texts

1. Editors: **Moliterno J** and Omuro A. "Meningiomas- Comprehensive Strategies for Management." Springer, 2021.
2. Creator and Editor: **Moliterno J**, "The Yale Brain Tumor Patient Navigator," 2018, print and electronic.
A ~50-page comprehensive resource for patients with brain tumors to help navigate their multi-disciplinary care at Smilow Cancer Hospital. Recently transformed into an electronic app.
https://medicine.yale.edu/neurosurgery/surgicalseervices/neurooncology/Smilow%20Brain%20Tumor%20Binder_349584_36740_v1.pdf
3. Editors: **Moliterno Gunel, J**, Piepmeier, J, Baehring, J. "Malignant Brain Tumors: State-of-the-Art Treatment." Springer, 2017.
Over 10,000 downloads since electronic publication, reportedly most of subspecialty. A contract recently signed to edit another book with Springer focused on Meningiomas.
4. Creator, Author, Illustrator: **Moliterno, J**, "Parker's Brain Storm" and "Parker's Water Tube Ride" A children's book series published in multiple languages and internationally distributed by the Children's Brain Tumor Foundation, NY, NY, 2021.
Parker was a character created to help children and their parents cope with the diagnosis of a brain tumor. The notion of writing a children's book was inspired by the courage and strength exhibited by patients and their families. The first of the series describes Parker's experience during the surgical removal of his brain tumor. More recently, an additional book has been published as part of a series and distributed to children around the country and beyond with a third one currently under production.