

Curriculum Vitae

Margaret MacGregor, M.D., F.A.A.N.S., F.A.C.S.

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Personal Data:

Date of Birth: November 15, 1962
Place of Birth: Summit, New Jersey, USA

Education:

UMDNJ-New Jersey Medical School, Newark, NJ. (Rutgers) M.D.	09/1988-06/1992
Universität Hamburg, Hamburg, West Germany Fulbright Fellow, Physical Chemistry	09/1985-07/1986
Smith College, Northampton, MA. A.B. with Honors in German	09/1981-05/1985
Smith College an der Universität Hamburg Hamburg, West Germany A.B. Candidate, Honors program	09/1983-07/1984

Personal Experience:

Loyola University Chicago, Maywood, IL. Resident, Department of Neurological Surgery	07/1994-06/1999
UMDNJ-New Jersey Medical School, Newark, NJ. Resident, Division of Neurological Surgery	07/1993-06/1994
UMDNJ-New Jersey Medical School, Newark, NJ.	07/1992-06/1993

Intern, Department of General Surgery

Work History:

MBS Locums (AnMed, Anderson, SC)	06/2024-present
LocumTenens.com (West Tennessee Health Care, Jackson-Madison General Hospital, Jackson, TN) (Baptist Health System, Baptist South Hospital, Montgomery, AL)	08/2018-present
All Star Healthcare Solutions (SouthEast Alabama Medical Center, Dothan, AL) (McLeod Health, Florence, SC)	06/2017-present
Pinnacle Surgical Partners Nashville, Tennessee	12/2016-present
Hayes Locums, LLC (Presence St. Joseph's Hospital in Joliet, Illinois) (SouthEast Alabama Medical Center, Dothan, AL)	11/2016 08/2022-present
Springfield Clinic, LLP Springfield, Illinois	07/2003-11/2016
Margaret MacGregor, M.D. S.C. Springfield, Illinois	03/2000-06/2003
Springfield Neurosurgical Associates Springfield, Illinois	07/1999-02/2000
Marketing Coordinator, NEA Responsibilities included: sales, marketing and technical advising for a company which designs and manufactures scintillation materials, contamination monitoring/health physics, and radiology equipment.	09/1986-06/1988
Hamburg Board of Health University Project for Citizen's Awareness Hamburg, West Germany Gamma Spectroscopist and Consultant. Evaluated safety of foodstuffs and drinking water for city-state and federal government, following Chernobyl nuclear reactor accident.	04/1986-08/1986

Publications:

Shaikh, M.B.; Lu, C.-L.; MacGregor, M.; Siegel, A.:
“Dopaminergic Regulation of Quiet Biting Attack in the
Cat.” *Brian Research Bulletin* 27 (5): 725-730, Nov. 1991.

Richardson, T.D.; Pineda, S.J.; Strenge, K.B.; Van Fleet, T.A.;
MacGregor, M.; Milbrandt, J.C.; Espinosa, J.A.; Freitag, P.;
“Serum Titanium Levels After Instrumented Spinal Arthrodesis.”
Spine 33 (7): 792-6, April 1, 2008.

Cozzens, J. W.; Lokaitis, B. C.; Moore, B.; Amin, D.; Espinosa, J.; MacGregor,
M.; Michael, A.; Jones, B.: “A Phase I Dose Escalation Study of Oral
5-Aminolevulinic Acid in Adult Patients Undergoing Resection of a Newly
Diagnosed or Recurrent High-Grade Glioma.” *Neurosurgery* 81 (1): 46-53,
July, 2017.

Abstracts:

Robert F. Heary M.D., C. David Hunt M.D., Abbott J.
Krieger M.D., Michael Schulder M.D., Margaret
MacGregor M.D.: “Use of Corpectomy in the Treatment
of Ventral Spinal Cord Compression.” Congress of
Neurological Surgeons 44th Annual Meeting, Chicago,
Illinois, 1994.

Robert F. Heary M.D., C. David Hunt M.D., Abbott J.
Krieger M.D., Michael Schulder M.D., Margaret
MacGregor M.D.: “Age and Sex Affect Operative Spine
Morality.” Congress of Neurological Surgeons 44th Annual
Meeting, Chicago, Illinois. 1994.

Douglas E. Anderson M.D., Margaret MacGregor M.D.,
“Cervical Spondylotic Myelopathy; A Retrospective Study
of Clinical Syndromes and their Temporal Courses,”
American Association of Neurological Surgeons 63rd
Annual Meeting, Orlando. 1995

Margaret MacGregor M.D., Thomas C. Oritano M.D.
Ph. D., Robert D. Wurster Ph. D., O. Howard Reichman
M.D., “Effects of Histamine and Cimetidine on Human
Glioma, Neuroblastoma, and Meningioma Tumor Cells *in
Vitro*.” American Association of Neurological Surgeons
63rd Annual Meeting, Orlando. 1995.

Research Activities:

The effects of Histamine and Histamine Antagonists on Tumor Cell Growth *in Vitro*. Robert D. Wurster, Ph. D. Faculty Advisor. (1994)

Implantation of Human Meningiomas in the Sub-Renal Capsule of Athymic Mice—an *in Vivo* Model for Tumor Cell Proliferation. Robert D. Wurster, Ph. D. Faculty Advisor. (1994)

The Effect of Apomorphine on Feline Quiet Biting Attack Behavior when Elicited from the Lateral Hypothalamus. A. Siegel, Ph. D. Faculty Advisor. (1989)

After Chernobyl: The Effect of Radioactive Fallout on an Ecosystem—A Longitudinal Study utilizing Gamma Spectroscopy. K. Zietlow, Ph. D. Faculty Advisor/Study Co-designer. (1986)

FTIR-Spectroscopic Determination of Catalytic Centers In Ammonium Sorbed Magnesium Exchanged Mordenities. H. Foster, Ph. D. Faculty Advisor. (1986)

Presentations:

Margaret MacGregor M.D., Robert D. Wurster Ph. D., “Histamine, Cimetidine and Pyramilamine Influence Tumor Cell Proliferation.” North American Skull Base Society Meeting, Naples, Florida, 1995

Honors and Awards:

Association for Academic Surgery Student Research Award, 1992.

Fulbright Fellowship: Physical Chemistry.
August 1985-August 1986

Honors Thesis: “*Novalis’ Heinrich von Ofterdingen: Ein Romantisches Vorbild Für Kafkas Verschollenen?*”
1984-1985

Sophia Smith Scholar.
1984-1985

First Group Scholar.
1983-1984

Dean's List.
1981-1982
1983-1984

Memberships:

American Association for Neurological Surgeons
Fellow, American College of Surgeons
Sangamon County Medical Society
Congress of Neurological Surgeons

Teaching Appointments:

Southern Illinois University Department of Surgery, Division of Neurosurgery,
Clinical Assistant Professor, 2000-2016

Southern Illinois University Department of Neurology,
Clinical Assistant Professor, 2016

Vanderbilt University School of Medicine, Department of Neurological Surgery,
Adjunct Assistant Professor, 2021-2024

Medical Committees:

Memorial Medical Center, Springfield, IL
Clinical Performance Committee, 2004- 2005.

St. John's Hospital, Springfield, IL
Medical Morals Committee, 2001-2003

Chairman, Department of Neurosurgery, St. John's Hospital, Springfield, IL
2007 – 2009
2013 - 2015.

Springfield Clinic Operations Committee, 2003 –2008

Springfield Clinic Finance Committee, 2007 – 2008

Summit Hospital, Hermitage TN
Trauma Committee, 2017-2023
Physician Liaison, Ortho-Spine 2019-
Professional Practice Evaluation Committee, 2023-

Board Certification:

Written Exam - 1997, Oral Exam – 2003.
Board Certified Neurosurgeon – 2003, Recertification 2013, 2023/2024.
Diplomate, National Board of Medical Examiners – 1993

Licensed:

Illinois—Issued 1994 (036-089375)
Maine—Issued December, 2016 (MD21345)
Tennessee—Issued December, 2016 (55149)
Kentucky—Issued March, 2017 (50049)
Alabama—Issued March, 2017 (35777)
Georgia—Issued 2017 (77692)
South Carolina—Issued May, 26, 2023 (89874)
Virginia—Issued August 19, 2024 (010128637)

Drug Enforcement Agency—Tennessee (BM4185319)
South Carolina (FM6514396)
Alabama (FM1631692)
Virginia (FM4772631)

Other:

Director, The Sangamo Club, Springfield, IL, 2006-2009
Director, Middletown State Bank, Middletown, IL, 2008-2016
Director, American Trakehner Foundation, 2008-Present
President, The Sangamo Club, Springfield, IL, 2008-2009
Trustee, The Sangamo Club, Springfield, IL, 2009-Present
Chairman, Education Committee, American Trakehner Association, 2010-2014
Secretary, American Trakehner Foundation, 2010-2016
Trustee, American Trakehner Foundation, 2010-present
Trustee, American Trakehner Association, 2012-2014, 2017-present
Invited Judge, Trakehner Lower Saxony Foal Championships, 2012, 2013, 2014
(Hanover, Germany)
Inspector, American Trakehner Association, 2014-Present

Consulting:

K2M, (prior)
Globus Medical (current)
SI Bone (current)

Invited Faculty:

Shaping Tomorrow's Spine Surgeons: Current Trends and Concepts for
Residents and Fellows Cadaveric Training Course, Nashville, TN April 2, 2022.