

CURRICULUM VITAE

Frederick T. Strobl, M.D.
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Scottsdale, Arizona 85266

EDUCATION AND AWARDS

College and Pre-college

Rensselaer Polytechnic Institute, Troy, New York
Recipient of four-year Lockheed Leadership Scholarship - chosen by RPI Faculty for scholarship, leadership, and civil affairs. One scholarship given by Lockheed to each of the 10 leading engineering schools in the United States.

Princeton University Scholarship

University of Minnesota, Minneapolis, Minnesota
B. Electronics Engineering with Distinction
Minors in Computer Science and Control/Guidance Systems

Eta Kappa Nu (EE honorary society)

Scholar-Athlete Award, National Football Foundation and Hall of Fame

Medical School:

University of Minnesota, Minneapolis, Minnesota

Research in Bronchial Flow Dynamics, 1973

M.D., June 1975

Medical School Honors:

Graduated in three years in accelerated program

Upjohn Award recipient

Given to the "member of the senior class who shows exceptional promise for making an outstanding contribution to medicine" chosen by medical school faculty

Scholastic Standing Committee

Residency Training and Honors:

Hennepin County Medical Center (HCMC), Minneapolis, Minnesota, 1975-76
(G-1 rotating with emphasis in Internal Medicine, G-2 and Chief Resident)
Level I Trauma Hospital with extensive Head Trauma experience.

HCMC ER/Paramedic *Night Rider*. Duties at HC Jail, Detox and others.

University of Minnesota Hospitals, Department of Neurology, 1976-79

Scholarship to study Electromyography at the National Hospital for Neurologic Diseases,
Queen Square, University of London, under Drs. Willison and Gilliat, 1977

Recipient of Shapiro Award, July 1978

Given to the highest ranking Neurology Resident at the University of Minnesota
as determined by American Academy of Neurology Inservice Test - ranked 93rd
percentile nationally overall, place in top 7 residents in United States.

Record holder at University of Minnesota Neurology on test.

Mayo Clinic – Rochester, MN, EEG Fellowship, 1979

Other work experience:

Honeywell Aerospace Systems & Guidance (Aircraft/Spacecraft) – employed part time
while student performing guidance control stability analysis for spacecraft and
military aircraft 1970-1971 after an X-15 had crashed due to a guidance issue.

Northwestern Bell Telephone Initial Management Development Program - this program
was both a summer and full time program to identify, recruit and train college pre-
and post-graduates to work in higher management, 1970-1972

Minneapolis Clinic of Neurology, 1979 – Partner, Director (a managing partner) 1989 –
Treasurer 1995 - Emeritus 2018; Provided ICU, hospital and outpatient care.
Treated professional athletes for Traumatic Brain Injuries (TBI).

Past Chairman, President/CEO, Co-Founder of CNS, Inc, manufacturer of computerized
electroencephalographic equipment, specializing in neurophysiological devices in
the operating room, intensive care unit, sleep laboratory and developer of
Breathe Right® Nasal Strips.

Medical Technology Innovations, LLC 1995 – co-Founder & CEO

Paradise Properties, CEO 2003 - 2020

AZMN Neurology PLLC, Founder & CEO, 2004 –

CNS Consultants, Founder & CEO, 2018 –

Babcia, LLC, Founder & CEO, 2018 –

Infragard with Federal Bureau of Investigation (FBI), inactive

US Army ROTC discharged due to gouty arthritis.

SPECIFIC TRAINING AND EXPERIENCE IN NEUROLOGY RESIDENCY PROGRAM

Electromyography
Clinical Neurology
Electroencephalography
Pediatric Neurology
Neuroradiology
Neuro-Ophthalmology
Neuropathology
Neurochemistry & Neurophysiology

PROFESSIONAL LICENSES AND CERTIFICATIONS

Diplomate of the National Board of Medical Examiners
State of Minnesota Medical License (#22711)
State of Arizona Medical License (#32390)
State of Utah Medical License (#13784365-1205)
Board Certification - American Academy of Neurology
Board Certification in Electromyography - American Board of Electrodiagnostic Medicine

PAST AND PRESENT PROFESSIONAL ORGANIZATIONS

American Academy of Neurology
Hennepin County Medical Society
Foundation for Health Care Evaluation - Finance Committee
Minnesota Medical Association & American Medical Association
American Association of Electrodiagnostic Medicine
American Medical Electroencephalographic Society
American Electroencephalographic Society
Mensa
Doctors Mayo Society
Mayo Clinic Leadership Council

RESEARCH AND PATENTS

Patent or co-patent holder of (in-process patents not listed):

1. "Real-Time EEG Spectral Analyzer", #4,579,125; 4/1/86 Quantitative EEG
2. "EEG Signal Analysis System", #4,610,259; 9/9/86 Computerized EEG
3. "Electroencephalographic Monitoring", #4,817,627; 4/4/89
4. "Multi-Stage Nasal Filter" #10,682,536; 6.16.2020
5. "Multi-Stage Nasal filter and Method of Tuning The Filter To A Predetermined
Most Penetrating Particle Size" #10, 946, 224 12.2021
6. "Improved Multi-Stage Nasal Filter" #11,285,345 3.2022

Electronic Diagnosis of Alzheimer Disease

Electronic Analysis of Human Thought Processing

Computer Brain Monitoring during Carotid Endarterectomy and Open Heart Surgery

FREDERICK T. STROBL - ADDENDUM TO CURRICULUM VITAE

Partial List of Lectures Given on Brain Protection, EEG Monitoring, Neurology and other Neurodiagnostic Topics

- University of Minnesota, Minneapolis, Department of Neurology, 1975 – 1979 (Multiple Lectures)
- National Hospital for Neurologic Diseases, Queen Square, University of London, 1977
- Massachusetts General Hospital/Harvard Medical School, Boston, MA - June 1987, 1988
- Baylor University, Dallas, TX - 1986, 1987
- Northwestern University Medical Center, Chicago, IL - 1985
- Rush Presbyterian Hospital, Chicago, IL - 1985
- UCLA Medical Center - 1987
- University of Massachusetts, Worcester, PA - 1986
- University of Chicago - 1985
- Minnesota Association of Neurosciences - September 1987
- Lancaster General Hospital, Lancaster, PA - 1985
- Dakota Clinic, Fargo, ND - 1985
- Miller-Dwan Hospital, Duluth, MN - 1986
- Superior Hospital, Superior, WI - 1985
- St. Francis Hospital, Shakopee, MN - 1986 – 1992 (Multiple Lectures)
- Waconia Ridgeview Hospital, Waconia, MN - 1986 – 1992 (Multiple Lectures)
- Minneapolis Heart Institute, Minneapolis, MN - 1987
- Metropolitan Medical Center, Minneapolis, MN – 1982 – 1987 (Multiple Lectures)
- Mobile Infirmary, Mobile, AL - 1987
- Menninger Institute Affiliated Hospitals, Topeka, KS - 1985
- Georgetown University, Washington, DC - 1986
- Minneapolis Clinic of Neurology, Minneapolis, MN - 1985-2015 (Multiple Lectures)
- Hennepin County Medical Center, Minneapolis, MN – 1976, 1978, 1984, 1986

Some Papers Presented/Submitted or other Lectures Given

- Mayo Clinic - Golden Anniversary of EEG - Invited Speaker - July 1986 "Computerized EEG in the Operating Room, ICU, and Sleep Laboratory"
- Central Association of EEG - 1985 Meeting
"Computerized EEG Compared to Manual EEG and Regional Cerebral Blood Flow and Outcome in Fifty Patients"
- Southern Thoracic Surgery Association - Invited Speaker - November 1987 "Computerized EEG in Predicting Outcome in Open Heart Surgery"
- Midwest Critical Care Conference - 1985
"Computerized EEG and Evoked Potentials in the OR and ICU"
- American Association of Neurological Surgeons - 1988
"Computerized EEG During Aneurysm Surgery"
- "Effect of Intraoperative Intervention on Neurological Outcome Based on Electroencephalographic Monitoring During Cardiopulmonary Bypass Monitoring During Cardiopulmonary Bypass" Ann Thorac. Surg. 1989;-48; 476-83
- "Cost of Complications and Potential Cost Effectiveness of EEG Monitoring in Carotid Endarterectomy;" [Thomas Lubotsky, M.B.A.](#) & [Frederick T. Strobl, M.D.](#), 1987, MMC
- Invited Speaker, Third International Symposium: "The Impact of Cardiac Surgery on the Quality of Life - Neurological and Psychological Aspects." Given by the International Consortium for the Study of Neurological and Psychological Reactions to Cardiac Surgery, New York City. March 29, 1989
- "Head Trauma and Workers Compensation," Frederick T Strobl MD, Chapter 19, pp 463-477, in *Head Trauma and Brain Injury for Lawyers*, Hubbard & Hodge Editors, 2016, American Bar Association Medical-Legal Guides
- MedTech Accelerator – Mayo Clinic AZ and Arizona State University April 2021
(a cooperative effort to speed new medical technologic ideas into reality)
Entrepreneurial Wisdom
- MedTech Accelerator – Mayo Clinic AZ and Arizona State University April 2022
Entrepreneurial Wisdom
- MedTech Accelerator – Mayo Clinic AZ and Arizona State University March 2023
 1. Keynote Speaker
 2. Entrepreneurial Wisdom