

**CURRICULUM VITAE**  
**David C. Anderson, M.D.**

**Office Addresses:**

1. Hennepin County Medical Center - Department of Neurology  
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Minneapolis MN 55415  
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2. University of Minnesota - Department of Neurology  
MMC 295, 420 Delaware Street S.E.  
Minneapolis MN 55455  
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**FAMILY**

Wife: Martha

Children - Birthdates: Peter - September 24, 1965  
Carrie - May 30, 1969  
Jessie - December 19, 1973  
Margaret - June 7, 1978

**EDUCATION**

Undergraduate and Graduate

Union College, Schenectady NY -  
BA (cum laude) English Literature, 1965

University of Minnesota Medical School, Minneapolis MN -  
BS and MD, 1969

Postgraduate Training - Board Certifications

Medical School of University of Rochester, Department of Internal Medicine -  
Diplomat in Internal Medicine, June 1972 (Certificate number 37762)

Medical School of University of Minnesota, Department of Neurology -  
Diplomat in Neurology, October 1976 (Certificate number 15726)

**LICENSURES**

Minnesota - License Number 019119

**PROFESSIONAL EXPERIENCE****1975 - Present**University of Minnesota Medical School, Minneapolis MN

Assistant Professor of Neurology, 1975 - 1983  
 Associate Professor of Neurology, 1984 - 1995  
 Professor of Neurology, 1995 -  
 Head of Neurology, 2001 -

Hennepin County Medical Center

Associate Physician in Neurology, 1976 - 1982  
 Senior Associate Physician in Neurology, 1982 - 1984  
 Senior Physician in Neurology, 1984 -  
 Assistant Chief of Neurology, 1986 - 1995  
 Acting Chief of Neurology, 1995  
 Chief of Neurology, 1995 -

**1972 - 1975**University of Minnesota Medical School Department of Neurology, Minneapolis MN

Medical Fellow in Neurology (Neurology Resident)

**1969 - 1972**Strong Memorial Hospital and University of Rochester, Rochester NY

Medical Fellow in Internal Medicine (Straight Medical Intern and Resident)

**AWARDS, HONORS, AND HONORARY SOCIETIES**

Nott Scholar, 1962 - 1963  
 Phi Beta Kappa, 1965  
 Honors and Distinction in English Literature, 1965  
 James Moore Society, 1967  
 Alpha Omega Alpha, 1969  
 Mosby Book Award, 1969  
 Distinguished Teaching Award, University of Minnesota  
 Medical School, 1980  
 Special Recognition Award, Residents in Internal Medicine,  
 Hennepin County Medical Center, Minneapolis MN, 1983  
 University of Minnesota Medical School Outstanding Mentor, 1990  
 Stroke Awareness Professional Awardee, American Heart Association Northland Affiliate, 1999  
 Northland Affiliate (American Heart Association) Stroke Leadership Award, 2000  
 A.B. Baker Lecturer (20<sup>th</sup>), Department of Neurology, University of Minnesota Medical School, 2002

**SCIENTIFIC AND PROFESSIONAL SOCIETIES**American Academy of Neurology, 1975 -

Fellow, 1996 -  
 Member, Subcommittee on Education of Non-Neurologists, 1985 - 1993  
 Member, Undergraduate Education Subcommittee, 1992 - 1998  
 Member, Education Committee, 1998 - 2000, 2001 - 2002  
 Member, AB Baker Section on Education, 1990 -

Chair elect, 1996 - 1998  
 Chair, 1998 - 2000  
 Member, Critical Care and Emergency Neurology Section, 1990 -  
 Member, Stroke Section, 1994 -  
 Abstract Reviewer, Annual Meeting Scientific Program, 1996 - 1999  
 Program Co-chair, Annual Meeting, 1996  
 Topic Chair, Annual Meeting Scientific Meeting, 1998 - 2000  
 Member, Implementation and Outcomes Subcommittee, 1999 - 2002  
 Chair, SPIN Interest Group Communications Committee, 2000 - 2002  
 Member, Advisory Group to the QUINTEssentials™ Program, 2000 - 2002  
 Member, Oversight Committee QUINTEssential™ Program, 2002 - 2002  
American Heart Association, 1975 -  
 Fellow, Stroke Council, 1982 -  
 Member, Annual Meeting Program Committee, 1983 - 1984, 1990 - 1996  
 Chairman, Annual Meeting Scientific Sessions program, 1984  
 Member, Stroke Subcommittee of Minnesota Affiliate, 1994 - 1999  
 Co-Chair, Twin Cities Metro Task Force, 1999 - 2001  
 Member, Board of Directors, Northland Affiliate, 2001 -  
 Member, Research Committee, Northland Affiliate, 2001 -  
Minneapolis Medical Research Foundation, 1975 -  
 Facilities Planning Subcommittee, 1995 - 1996  
American Society for Neurologic Education, 1980 - 1990  
Central Society for Neurological Research, 1982 -  
Society for Neurologic Investigation, 1985 - 1990  
Physicians for Social Responsibility, 1985 - 1993  
American College of Physicians, 1986 -  
 Fellow, 1986 -  
 Member, Program Committee, Minnesota Chapter, 1986 - 1989  
American Medical Association, 1986, 1995 -  
Minnesota Medical Association, 1986 -  
 Delegate, Annual Meeting, 1997  
Hennepin County Medical Association, 1986 -  
Neuroscience Society, Voyageur's Chapter, 1986 - 1990  
National Stroke Association, 1992 -  
 Member, Council, Minnesota Chapter, 1992 - 1998  
Association of Neurologists of Minnesota, 1993 -  
 Member, Practice Committee, 1993 - 1998  
American Society of Internal Medicine, 1994 - 1995  
Minnesota Society of Neurological Sciences, 1995  
 Secretary, 1994 - 1995  
 Vice President, 1995 - 1996  
 President, 1996 - 1997  
Council for Preventive Medicine, 1996 -  
Neuroscience Advisory Committee, LifeSource,  
 Member, 1997 -  
Association of University Professors of Neurology,  
 Member, 2001 -  
*American Neurological Association*  
*Member, 2003 -*

## AD HOC JOURNAL REVIEWER

Archives of Neurology  
 Stroke  
 Socio-Economic Planning Sciences  
 Academic Medicine  
 The Journal of Critical Illness  
 Archives of Family Medicine  
 Neurology  
 Postgraduate Medicine  
 Annals of Internal Medicine  
 Cardiovascular Drugs and Therapy

## COMMITTEES AND ADMINISTRATIVE EXPERIENCE

### University of Minnesota Medical School Course Administration and Standing Committees

Course Director, Neurology 5-510, 1979 - 1996  
 Course Director, Neurology 5-120, 1979 - 1996  
 Coordinator, Neurology Component - Clinical Medicine III, 1979 - 1995  
 Member, Year 3 & 4 Course Directors' Committee, 1983 - 1996  
 Member, Clinical Medicine III Committee, 1983 -  
 Member, LCME self-study subcommittee on medical students, 1996  
 Member, Council of Clinical Chiefs, 2001 -  
 Member, Head of Radiology Search Committee, 2001 - 2002  
 Chair, Head of Neurosurgery Search Committee, 2002

### Department of Neurology of the University of Minnesota Medical School

Chair, Undergraduate Education Committee, Department of Neurology, 1979 - 1996  
 Member, Graduate Medical Education Advisory Committee, 1987 -  
 Vice-Program Director, Affiliated Neurology Residency Program, 1987 - 1991  
 Member, Executive Committee, 1995 -  
 Chair, University Community Neurology Advisory Committee, 1996 - 2000  
 Chair, Clinical Faculty Appointment and Promotion Subcommittee, 1996 -

### Hennepin County Medical Center

Director of Inpatient Neurology, 1978 - 1995  
 Member, Chief of obstetrics and Gynecology Search Committee, 1986  
 Member, Graduate Medical Education Steering Committee, 1988 - 1995  
 Member, Continuing Medical Education Subcommittee, 1988 - 1989  
 Member, Chief of Medicine Search Committee, 1988 - 1989  
 Chair, Chief of Psychiatry Search Committee, 1990 - 1991  
 Co-Director, Neuroscience ICU, 1990 - 1994  
 Member, Medical Executive Committee, 1995 -  
 Member, Huntington's Disease Society Clinical Center of Excellence Advisory  
 Committee, 1999 -  
 Member, Chief of Physical Medicine and Rehabilitation Chief Search Committee, 2001 -

### Hennepin Faculty Associates

Member, Promotions Committee, 1984 - 1990  
 Chair, 1989 - 1990  
 Member, Office of Academic Affairs Steering Committee, 1986 - 1990  
 Chair, 1989 - 1990  
 Member, Research and Education Committee, 1986 - 1995

Chair, 1991 - 1995  
 Member, Research Grant Peer Review Committee, 1990 - 1994  
 Director, Board of Directors, 1993 -  
 Member, Scientific Advisory Board, Institute for Brain Immune Disorders, Minneapolis  
 Medical Research Foundation, 1996 -  
 Member, Scientific Advisory Committee, Minneapolis Medical Research Foundation, 1998 -

## PUBLICATIONS

### Original Articles

1. Anderson DC, Knox E. Inconspicuous familial disability. *Children* 1967;14:97-100.
2. Griggs RC, Davis RJ, Anderson DC, Dove JT. Cardiac conduction in myotonic dystrophy. *Am J Med* 1975;59:37-42.
3. Anderson DC, Jordan MM, Jacobson RL, Hayakawa T, Waltz AG. Brain water alterations after unilateral nephrectomy: a study of regional circulatory factors in squirrel monkeys. *Stroke* 1977;8:462-467.
4. Knopman DS, Anderson DC, Mastro A, Larson D. Leptomeningeal artery atherosclerosis visualized by angiography: clinical correlates. *Stroke* 1978;9:262-266.
5. Platt G, Cranford RE, Anderson DC, Hubbard JE. Thyrotoxic periodic paralysis with upper motor neuron findings. *JAMA* 1978;240:2465-2466.
6. Lebow S, Anderson DC, Mastro A, Larson D. Acute multiple sclerosis with contrast enhancing plaques: a case report with autopsy correlation. *Arch Neurol* 1978;35:435-439.
7. Anderson DC, Coss DT, Jacobson RL, Meyer MW. Tissue pertechnetate and iodinated contrast material in ischemic stroke. *Stroke* 1980;11:617-622.
8. Greenland P, Knopman DS, Mikell FL, Asinger RW, Anderson DC, Good DC. Echocardiography in diagnostic assessment of stroke. *Ann Intern Med* 1981;95:51-53.
9. Rosenberg CE, Anderson DC, Mahowald MW, Larson D. Computed tomography and EEG in patients without focal neurologic findings. *Arch Neurol* 1982;39:291-292.
10. Knopman D, Anderson DC, Asinger RC, Greenland P, Mikell F, Good DC. Indications for obtaining echocardiography in patients with ischemic stroke. *Neurology* 1982;32:1005-1012.
11. Anderson DC, Loewenson R, Yock D, Farber R, Larson D, Bromer M. B-mode real-time ultrasound carotid imaging. correlation with angiography. *Arch Neurol* 1983;40:484-488.
12. Farber R, Bromer M, Anderson D, Loewenson R, Yock D, Larson D. B-mode real-time ultrasound carotid imaging: impact on decision making and prediction of surgical findings. *Neurology* 1984;34:541-544.
13. Walsh MN, Fischer GG, Anderson DC, Mastro A. Fatal intracranial extension of spinal hemorrhage after LP. *Arch Neurol* 1984;41:987-989.
14. Anderson DC, Bundlie S, Rockswold G. Multimodality evoked potentials in closed head trauma. *Arch Neurol* 1985;42:369-374.

15. Anderson DC, Fischer GG. Impact of digital subtraction angiography on management of threatened stroke. *Stroke* 1985;16:23-28.
16. Fischer GG, Anderson DC, Farber R, Lebow S. Prediction of carotid artery disease by ultrasound and digital subtraction angiography. *Arch Neurol* 1985;42:224-227.
17. Rubens AB, Froehling B, Slater G, Anderson D. Left ear suppression on verbal dichotic tests in patients with multiple sclerosis. *Ann Neurol* 1985;18:459-463.
18. Mallampalli R, Pentel PR, Anderson DC. Nonreactive pupils due to monoamine oxidase inhibitor overdose. *Crit Care Med* 1987;15:536-537.
19. Gill RA, Anderson DC, Almquist AK, Comly WM. Adult Reye's Syndrome: expected discordance in liver function testing. *Minnesota Medicine* 1987;70:347-348, 354.
20. Anderson DC, Slater GE, Sherman R, Ettinger MG. Evoked potentials to test a treatment of chronic multiple sclerosis. *Arch Neurol* 1987;44:1232-1236.
21. Anderson DC, Bundlie SR, Larson DA, Rockswold G. Delayed traumatic midbrain syrinx. *Arch Neurol* 1988;45:221-225.
22. Anderson DC: Residents' perceptions of the effects of a practice plan on their training. *J Med Educ* 1988;63:692-698.
23. Pascual-Leone A, Anderson, DC, Larson DA. Volume therapy in orthostatic transient ischemic attacks. *Stroke* 1989;20:1267-1270.
24. The Stroke Prevention in Atrial Fibrillation Investigators. Design of a multicenter randomized trial for the Stroke Prevention in Atrial Fibrillation Study. *Stroke* 1990;21:538-545 (writing committee, chairman).
25. Stroke Prevention in Atrial Fibrillation Study Group Investigators. Stroke prevention in atrial fibrillation: interim report of a randomized trial of antithrombotic therapy. *N Engl J Med* 1990 322:863-868 (writing committee, member).
26. Pascual-Leone A, Dhuna A, Altafullah I, Anderson DC. Cocaine-related seizures. *Neurology* 1990;40:404-407.
27. Feinberg WM, Seeger JF, Carmody RF, Anderson DC, Hart RG, Pearce LA. Epidemiologic features of asymptomatic cerebral infarction in patients with nonvalvular atrial fibrillation. *Arch Int Med* 1990;150:2340-2344.
28. Anderson DC, for the SPAF Investigators. Progress report of the Stroke Prevention in Atrial Fibrillation Study. *Stroke* 1990;21(Suppl III):III12-III17.
29. Goldman L, Koller RL, Lebow SS, Loewenson RB, Anderson DC. Cervical bruits: clinical correlation of stenosis. *Angiology, J Vasc Surg* 1991;42:491-497.
30. Anderson DC, Harris I, Allen S, Satran L, Bland CJ, Feickert J, Poland G, Miller WJ. Relationship between student feedback and their performance in an objective structured clinical examination. *Acad Med* 1991;66:29-34.
31. Pascual-Leone A, Dhuna A, Anderson DC. Cerebral atrophy in habitual cocaine abusers: a planimetric CT study. *Neurology* 1991;41:34-38.
32. Fehr M, Anderson DC: Incidence of progression or rebleeding in hypertensive intracerebral hemorrhage. *J Stroke and Cerebrovasc Dis* 1991;1:111-116.

33. Anderson DC, Bottini AG, Jagiella WM, Westphal B, Ford S, Rockswold GL, Loewenson R. A pilot study of hyperbaric oxygen in the treatment of human stroke. *Stroke* 1991;22:1137-1142.
34. Anderson DC, Thorson SV. Trends in the teaching of neurology to family practice residents, 1981-1990. *Neurology* 1992;42:722-725.
35. Allen SS, Bland CJ, Harris IB, Anderson DC, Poland G, Satran L, Miller W. Structured clinical teaching strategy in the ambulatory setting. *Medical Teacher* 1991;13:177-184.
36. Allen SS, Harris IB, Satran L, Kofron PM, Miller W, Dennis T, Anderson DC. A comparison of knowledge of medical students and practicing primary care physicians about cardiovascular risk assessment. *Preventive Medicine* 1992;21:436-448.
37. Davis-Feickert JD, Harris IB, Anderson DC, Bland CJ, Allen S, Poland GA, Satran L, Miller WJ. Senior medical students as simulated patients in an objective structured clinical examination: motivation and benefits. *Medical Teacher* 1992;14:167-177.
38. Rockswold RL, Ford SE, Anderson DC, Bergman TA, Sherman RE. The results of a prospective, randomized trial for treatment of severely head-injured patients with hyperbaric oxygen. *J Neurosurg* 1992;76:929-934.
39. Stroke Prevention in Atrial Fibrillation Investigators. Warfarin compared to aspirin for prevention of arterial thromboembolism in atrial fibrillation: design and patient characteristics of the SPAF II Study. *Cerebrovasc Dis* 1992;2:332-341 (writing committee, member).
40. Miller VT, Feinberg WM, Rothrock JP, Pearce LA, Hart RG, Anderson DC, on behalf of the Stroke Prevention in Atrial Fibrillation Investigators. Ischemic stroke in patients with atrial fibrillation: clinical classification and aspirin effect. *Neurology* 1993;43:32-36.
41. Anderson DC. How Twin Cities neurologists treat ischemic stroke: policies and trends. *Arch Neurol* 1993;50:1098-1103.
42. Satran L, Harris IB, Allen S, Anderson DC, Poland GA, Miller WJ. The role of community practitioners and ambulatory settings in clinical medical education. *Academic Medicine* 1993;68:380-382.
43. Kanter ML, Tegeler CH, Pearce LA, Weinberger J, Feinberg WM, Anderson DC, Gomez CR, Rothrock JF, Helgason CM, Hart RG, on behalf of the Stroke Prevention in Atrial Fibrillation Investigators. Carotid stenosis in patients with atrial fibrillation. *Arch Intern Med* 1994;154:1372-1377.
44. Harris I, Ytterberg S, Allen S, Anderson D, Kofron P, Moller JH, Satran L, Whitley K, Downs B, Miller W. Use of interactive computer technology with an innovative testing format - the tailored response test. *Medical Teacher* 1994;16:323-332.
45. Steinberg P, Belgrade MJ, Anderson DC. Reflex sympathetic dystrophy: an adverse reaction to immunotherapy. *J Allergy Clin Immunol* 1995;95:775-776.
46. Boortz-Marx RL, Clark HB, Taylor S, Wesa KM, Anderson DC. Sneddon's syndrome with granulomatous leptomenigeal infiltration. *Stroke* 1995;26:492-495.
47. Hart RG, Boop BS, Anderson DC. Oral anticoagulants and intracranial hemorrhage: facts and hypotheses. *Stroke* 1995;26:1471-1477.

48. Miller VT, Pearce LA, Hart RG, Feinberg WM, Rothrock JF, Anderson DC, on behalf of the Stroke Prevention in Atrial Fibrillation Investigators. Differential effects of aspirin and warfarin on clinical stroke types in patients with atrial fibrillation. *Neurology* 1996;46:238-240.
49. Stroke Prevention in Atrial Fibrillation Investigators. Bleeding during antithrombotic therapy in patients with atrial fibrillation. *Arch Int Med* 1996;156:409-416 (writing committee, chairman).
50. Selmo KK, Asp DS, Anderson DC. Seizures and spells: physician awareness of Minnesota driving laws. *Minnesota Medicine* 1997;80:42-48.
51. Allen S, Ilene Harris, Ytterberg S, Anderson D, Kofron P, Kvasnicka J, Moller JH. Tailored response test: a new approach for teaching in medical education. *Medical Teacher* 1997;19:194-199.
52. The SPAF III Writing Committee for the Stroke Prevention in Atrial Fibrillation Investigators. Patients with nonvalvular atrial fibrillation at low risk of stroke during treatment with aspirin: Stroke Prevention in Atrial Fibrillation III Study. *JAMA* 1998;279:1273-1277 (writing committee, member).
53. Anderson DC, Koller RL, Asinger RW, Bundlie SR, Pearce LA. Atrial fibrillation and stroke: epidemiology, pathophysiology, and management. *The Neurologist* 1998;4:235-258.
54. Ytterberg SR, Harris IB, Allen SS, Anderson DC, Kofron PM, Kvasnicka JH, McCord JP, Moller JH. Clinical confidence and skills of medical students: use of an OSCE to enhance confidence in clinical skills. *Acad Med* 1998;73(10 Suppl):S103-S105.
55. Hart RG, Pearce LA, Miller VT, Anderson DC, Rothrock JF, Albers GW, Nasco E. Cardioembolic vs. noncardioembolic strokes in atrial fibrillation: frequency and effect of antithrombotic agents in the SPAF studies. *Cerebrovasc Dis* 2000;10:39-43.
56. Man-son-Hing M, Laupacis A, O'Connor AM, Hart RG, Feldman G, Blackshear JS, Anderson DC. Development of a decision aid for patients with atrial fibrillation who are considering antithrombotic therapy. *J Gen Intern. Med.* 2000;15:723-730.
57. Burt M, Anderson DC, Kloss J, Apple FS. Evidence-based implementation of free phenytoin therapeutic drug monitoring. *Clin Chem* 2000;46:1132-1135.
58. Anderson DC, Kappelle LJ, Eliasziw M, Babikian VL, Pearce LA, Barnett HJM. Occurrence of hemispheric and retinal ischemia in atrial fibrillation compared with carotid stenosis. *Stroke* 2002;33:1963-1968.
59. Hart RG, Halperin JL, Pearce LA, Anderson DC, Kronmal RA, McBride R, Nasco E, Sherman DG, Talbert RL, Marler JR; Stroke Prevention in Atrial Fibrillation Investigators. Lessons from the Stroke Prevention in Atrial Fibrillation trials. *Ann Intern Med* 2003;138:831-838.

#### **Invited Reviews, Editorials, Commentaries**

1. Anderson DC, Cranford RE. Corticosteroids in ischemic stroke. *Stroke* 1979;10:68-71.
2. Anderson DC. A prudent approach to ischemic stroke. *Therapoeia*, 23 May 1979, pp 27-31.
3. Anderson DC. Noninvasive tests and the management of threatened stroke. Part I: Principles and techniques. Part 2: Predictive performance and recommendations. *Postgrad Med* 1983;74:239-245 and 249-256.
4. Anderson DC. TIA and stroke: ways to prevent them, what to do when they happen. *Modern Medicine* 1984;52:66-83.

5. Anderson DC. Issues in the diagnosis and management of brain cardioembolism. *Postgrad Med* 1987;82:48-57.
6. Anderson DC. Cardioembolic stroke: Primary and secondary prevention. *Postgrad Med* 1991;90:67-77.
7. Pascual-Leone A, Dhuna A, Anderson DC. Longterm neurological consequences of habitual chronic cocaine abuse. *Neurotoxicology* 1991;12:393-400.
8. Dhuna A, Pascual-Leone A, Langendorf F, Anderson DC. Epileptogenic properties of cocaine in humans. *Neurotoxicology* 1991;12:621-626.
9. Smith LL, Anderson DC, Gramith F. A step-by-step guide for validation of carotid duplex studies. *J Vasc Technol* 1993;17:17-22.
10. Anderson DC. Commentary on "Anticoagulation to Prevent recurrent vascular events." *ACP J Club*. 1994 May-Jun;120:74. Comment on: European Atrial Fibrillation Trial Study Group. Secondary prevention in non-rheumatic atrial fibrillation after transient ischemic attack or minor stroke. *Lancet* 1993;342:1255-1262.
11. Anderson DC. Anticoagulation and cerebrovascular disease. *Proceedings of the Second Conference on Antithrombotic Therapy*. 1993;1-2:7-9.
12. Anderson DC. Demographic correlations with risk of thromboembolism (commentary at the 18th Princeton Conference on Cerebrovascular Diseases). *Stroke* 1993;24(suppl):I20.
13. Anderson DC. Commentary on "Myocardial infarction location was not related to stroke occurrence." *ACP J Club*. 1994 Nov-Dec;121:82. Comment on: Bodenheimer MM, Sauer D, Shareef B, et al. Relation between myocardial infarct location and stroke. *J Am Coll Cardiol* 1994;24:61-66.
14. Anderson DC. Asymptomatic carotid stenosis (editorial comment). *Medical Journal of Allina* 1995;4:15.
15. Anderson DC. Commentary on "Streptokinase led to higher 10-day and 6-month case fatality rates in acute stroke." *ACP J Club*. 1996 May-June;124:60 [also appeared in *Evidence-Based Medicine*. 1996 May-June;4:108]. Comment on: Multicentre Acute Stroke Trial - Italy (MAST - I) Group. Randomised controlled trial of streptokinase, aspirin, and combination of both in treatment of acute ischaemic stroke. *Lancet* 1995;346:1509-1514.
16. Langendorf FG, Anderson DC, Tupper DE, Rottenberg DA, Weisman ID. Brain atrophy and chronic cocaine abuse: background and work in progress. In: Majewska MD, ed. NIDA Research Monograph 163. Rockville MD: U.S. Department of Health and Human Services - National Institutes of Health, 1996.
17. Anderson DC, Koller RL. Acute ischemic stroke: update on treatment and prevention. *Consultant* 1997;37:505-524.
18. Koller RL, Anderson DC. Intravenous thrombolytic therapy for acute ischemic stroke: weighing the risks and benefits of tissue plasminogen activator. *Postgrad Med* 1998;103:221-231.
19. Anderson DC. Commentary on "The International Stroke Trial: The death knell for heparin in acute stroke?" *Neurology Network Commentary*. 1998 April; 2:78-83. Comment on: The International Stroke Trial: a randomised trial of aspirin, subcutaneous heparin, both, or neither among 19,435 patients with acute ischaemic stroke. *Lancet* 1997;349:1569-1581.
20. Asinger RW, Anderson DC. Antithrombotic therapy for atrial fibrillation. *Medical Journal of Allina* 1998;7:15-19.
21. Anderson DC. Primary and Secondary Stroke Prevention in Atrial Fibrillation. *Seminars in Neurology* 1998;18:451-459.

22. Anderson DC. Commentary on "Review: heparin reduces venous thromboembolism in neurosurgery but increases the risk for bleeding." ACP J Club. 2001 March-April;134:2. Comment on: Iorio A, Agnelli G. Low-molecular-weight and unfractionated heparin for prevention of venous thromboembolism in neurosurgery. A meta-analysis. Arch Intern Med 2000;160:2327-2332.
23. Griggs RC, Anderson DC. An important first step: a standard curriculum for the neurology clerkship (editorial). Neurology 2002;58:845-846.

### **Book Chapters**

1. Rockswold GL, Anderson DC, Ford SE. The treatment of severely brain injured patients with hyperbaric oxygen. In: Miner ME and Wagner KA, eds. Neurotrauma: Treatment, Rehabilitation, and Related Issues. Stoneham MA: Butterworths Publishers, 1987.
2. Anderson DC, Kozak AJ. Brain Abscess. In: Joynt R, ed. Clinical Neurology. Philadelphia: Lippincott, 1989.
3. Anderson DC. Emergencies in the mentally and neurologically impaired. In: Tintinelli J, Krome RL, Ruiz E, eds. Emergency Medicine: A Comprehensive Study Guide. Third Edition. New York: McGraw-Hill, 1994.
4. Anderson DC, Kozak AJ. Meningitis, encephalitis, and brain abscess. In: Tintinelli J, Ruiz E, Krome RL, eds. Emergency Medicine: A Comprehensive Study Guide. Fourth Edition. New York: McGraw-Hill, 1995.
5. Hart RG, Soloman DH, Anderson DC. Oral anticoagulation for prevention of stroke and cerebral embolism. In: Poller L, Hirsh J, eds. Oral Anticoagulants. London: Arnold, 1996.
6. Anderson DC, Kozak AJ. Brain Abscess. In: Joynt R, and Griggs RC, eds. Clinical Neurology. Philadelphia: Lippincott, 1997.

### **Letters And Book Reviews**

1. Knopman D, Anderson DC, Greenland P, Mikell F, Asinger R, Good D. Mitral-valve prolapse and cerebral ischemic events in the elderly (letter). N Engl J med 1980, 303:641.
2. Anderson DC. Book review of Stroke by Millikan, McDowell and Easton. Lea and Febiger, Philadelphia, 1987, Postgrad Med 1988;83:30,34-35.
3. Anderson DC, Sherman R. Evoked potentials during multiple sclerosis therapeutic trials, in reply (letter). Arch Neurol 1989;46:12-13.
4. Anderson DC. Unilateral brainstem lesions (letter). Arch Neurol 1990;47:11.
5. Altafullah I, Pascual-Leone A, Duvall K, Anderson DC, Taylor S. Hemiballism and putaminal hemorrhage (letter). Stroke 1990;21:1093-1094.
6. Pascual-Leone A, Dhuna A, Anderson DC. Cocaine and cerebral atrophy, in reply (letter). Neurology 1991;41:1327.
7. Anderson DC. Defining "progressive stroke" (letter). Stroke 1991;21:1085.
8. Anderson DC on behalf of the Stroke Prevention in Atrial Fibrillation Investigators. SPAF-II (letter). In Press, Dear Colleague.

9. Anderson DC. Neuropathological findings of a Sneddon's syndrome presenting with dementia not preceded by clinical cerebrovascular events, in reply (letter). *Stroke* 1996;27:1008-1010.
10. Anderson DC on behalf of the Stroke Prevention in Atrial Fibrillation Investigators. Vulnerability to warfarin: Could undernutrition be a predictor? in reply (letter). *Arch Intern Med* 1997;157:1385.
11. Davenport J, Hanson SK, Altafullah IM, Anderson DC, Brauer DJ, Brown RD, Ramirez-Lassepas M. rPA: A rural network experience (letter). *Stroke* 2000;31:1457.
12. Lakshminarayan K, Anderson DC. Reducing the risk of stroke (letter). *JAMA* 2003;289:1928

#### **Published Abstracts**

- A1. Anderson DC, Davis RJ, Dove JT, Griggs RC. Cardiac condition during treatment of myotonia (Abstract #GS4). *Neurology* 1973;23:390.
- A2. Anderson DC, Coss DT, Jacobson RL, Meyer MW. Tissue pertechnetate and iodinated contrast material in ischemic stroke (Abstract #II8). *Stroke* 1979;10:97.
- A3. Anderson DC, Mahowald MW, Berkseth RO, McMichael MC. Dialysis encephalopathy (DE): diagnostic criteria and epidemiology of an outbreak (Abstract #NE9). *Neurology* 1979;29:580.
- A4. Greenland P, Mikell F, Asinger R, Knopman D, Anderson DC, Good D, Michaud L. Is routine echocardiography useful in the evaluation of unselected stroke patients (Abstract #58)? *Circulation Suppl* 1980;62:22.
- A5. Knopman D, Greenland P, Good D, Mikell F, Anderson D, Asinger R. Two-dimensional echocardiography in ischemic stroke (Abstract #V8). *Stroke* 1980;11:130.
- A6. Fischer GG, Anderson DC, Farber R, Lebow S. Prediction of carotid artery disease by ultrasound and digital subtraction angiography (Abstract #677). *Circulation Suppl* 1983;68:170.
- A7. Anderson DC, Fischer GG. Impact of digital venous subtraction angiography on cerebrovascular disease evaluation (Abstract #680). *Circulation Suppl* 1983;68:170.
- A8. Slater GE, Anderson DC, Sherman R, Ettinger MG, Haglin J, Hitchcock C. Hyperbaric oxygen and multiple sclerosis in a double-blind, controlled study (Abstract #PP366). *Neurology* 1985;35(suppl 1):315.
- A9. Matzke GR, Halstenson CE, Abraham PA, Anderson D, Johnson DW, Keane WF. Efficacy and safety of netilmicin vs. tobramycin in end-stage renal disease patients (no abstract #). *Kidney Int* 1985;27:146.
- A10. Schenck CH, Slater GE, Sherman R, Anderson DC, Ettinger MG, Mahowald MW. Multiple sclerosis and sleep: survey report and polygraphic detection of REM and NREM motor abnormalities (Abstract #0902). *Sleep Res* 1986;15:163.
- A11. Feinberg WM, Seeger JR, Carmody RF, Hart RG, Anderson DC, Miller VT. Asymptomatic cerebral infarction in patients with atrial fibrillation (Abstract #2392). *Circulation Suppl* 1988;78:2392.
- A12. Miller VT, Feinberg WM, Rothrock JF, Pearce LA, Hart RG, Anderson DC, on behalf of the Stroke Prevention in Atrial Fibrillation Investigators. Ischemic stroke in patients with atrial fibrillation: clinical classification and aspirin effect (Abstract #945S). *Neurology* 1992;42(Suppl 3):425.

A13. Anderson DC, Litin SC, McBride R, on behalf of the Stroke Prevention in Atrial Fibrillation Investigators. Intracranial hemorrhage during anticoagulation for atrial fibrillation: interim results of the second stroke prevention in atrial fibrillation (SPAF-II) trial (Abstract #102). *Stroke* 1993;24:187.

A14. Anderson DC, Steinberg P. Reflex sympathetic dystrophy: an adverse reaction to immunotherapy (Abstract #591). *J Allergy Clin Immunol* 1993;91:288.

A15. Jozefowicz RF, Anderson DC, Cannard K. Results of the survey of neurology clerkship directors (Abstract #P01.139). *Neurology* 1997;48(Suppl):A69.

A16. Hanson SK, Brauer DJ, Anderson DC, Koller RL, Davenport JG, Ramirez-Lassepas M, Klassen AC, Altafullah IM, Brown RD. Stroke treatment in the community (STIC) - intravenous rt-PA in clinical practice (Abstract #P03.077). *Neurology* 1998;50(Suppl):A155.

A17. Hanson SK, Brauer DJ, Brown RD Jr, Anderson DC, Davenport JG, Altafullah I. Should use of tPA for ischemic stroke be restricted to specialized stroke centers (Abstract #P82)? *Stroke* 2000;31:313.

A18. Tupper D, Langendorf F, Anderson D. Human brain atrophy and neuropsychological dysfunction in chronic cocaine use. *J Int Neuropsychol Soc* 2000;6:236.

A19. Langendorf FG, Tupper DE, Rottenberg DA, Anderson DC. Does chronic cocaine exposure cause brain atrophy? A quantitative MRI study (Abstract #P06.110). *Neurology* 2000;54(Suppl):A442.

A20. Burt M, Anderson D, Apple FS. Implementation of free phenytoin therapeutic drug monitoring (Abstract #9). *Am J Clin Path* 2000;114: 301.

A21. Hanson SK, Brauer D, Brown RD Jr, Anderson DC, Altafullah I, Davenport J, Ramirez-lassepas M, Adlis S. Minnesota Community experience with intravenous rt-PA for acute ischemic stroke: Stroke Treatment in the Community (STIC) (Abstract #P142). *Stroke* 2002;33:387.

A22. Lakshminarayan K, Anderson DC, DuPlessis-Tchida, ML, Murakami MAM, Apple FS. Association between cardiac troponin I concentrations and discharge outcomes in patients with acute ischemic stroke (Abstract #P02.054). *Neurology* 2002;58(Suppl 3):A120.

A23. Lakshminarayan K, Morris N, Boese A, Anderson D. Management of marked hypertension in acute ischemic stroke: how often are guidelines followed? *Neurology* 2003;60(Suppl 1):A226.

#### **SCIENTIFIC PRESENTATIONS (includes published abstracts\*)**

\*Anderson DC, Davis RJ, Dove JT, Griggs RC. Cardiac conduction during treatment of myotonia. Presented at the 25th Annual Meeting of the American Academy of Neurology. Boston, 1973.

Griggs RC, Davis KJ, Anderson DC. Cardiac conduction abnormalities in myotonic dystrophy. Presented at the 54th Annual Session of the American College of Physicians. Chicago, 1973.

Berkseth RO, Anderson DC, Mahowald MW, Shapiro FL. Dialysis encephalopathy (DE): effects of continued aluminum (AL) exposure and clonazepam on prognosis. Presented at the 11th Annual Meeting of the American Society of nephrology. New Orleans, 1978.

\*Anderson DC, Coss DT, Jacobson R, Meyer MW. Tissue pertechnetate and iodinated contrast material in ischemic stroke. Presented at the 4th Joint Meeting on Stroke and Cerebral Circulation. Phoenix, 1979.

\*Anderson DC, Mahowald MW, Berkseth RO, McMichael MC. Dialysis encephalopathy (DE): diagnostic criteria and epidemiology of an outbreak. Presented at the 31st Annual Meeting of the American Academy of Neurology. Chicago, 1979.

\*Knopman D, Greenland P, Good D, Mikell F, Anderson D, Asinger R. Two-dimensional echocardiography in ischemic stroke. Presented at the 5th Joint Meeting on Stroke and Cerebral Circulation. Lake Buena Vista, 1980.

\*Greenland P, Mikell F, Asinger R, Knopman D, Anderson DC, Good D, Michaud L. Is routine echocardiography useful in the evaluation of unselected stroke patients? Presented at the 53d Scientific Session of the American Heart Association. Miami Beach, 1980.

Anderson DC, Bundlie SR. Evoked potential in comatose patients. Presented at the Central Society for Neurological Research. Grafton IL, 1982.

Anderson DC, Fischer G. Digital subtraction angiography by intravenous injection: correlation with pathology and impact on evaluation. Presented at the Central Society for Neurological Research. Spring Hill MN, 1983.

\*Fischer GG, Anderson DC, Farber R, Lebow S. Prediction of carotid artery disease by ultrasound and digital subtraction angiography. Presented at the 56th Scientific Session of the American Heart Association. Anaheim, 1983.

\*Anderson DC, Fischer GG. Impact of digital venous subtraction angiography on cerebrovascular disease evaluation. Presented at the 56th Scientific Session of the American Heart Association. Anaheim, 1983.

Johnson DW, Matzke G, Anderson D, Halstenson C, Abraham PA, Keane WF. Tobramycin-induced hearing loss in a patient with end-stage renal disease. Presented at the Acoustical Society of America. Cincinnati, 1983.

\*Matzke GR, Halstenson CE, Abraham PA, Anderson D, Johnson DW, Keane WF. Efficacy and safety of netilmicin vs. tobramycin in end-stage renal disease patients. Presented at the Annual meeting of the American Society of Nephrology. Washington DC, 1984.

\*Slater GE, Anderson DC, Sherman R, Ettinger MG, Haglin J, Hitchcock C. Hyperbaric oxygen and multiple sclerosis: a double-blind controlled study. Presented at the 37th Annual Meeting of the American Academy of Neurology. Dallas, 1985.

Anderson DC. Evoked potentials in severe head trauma. Presented at the Central Society of Neurological Research. Amana IA, 1986.

\*Schenck CH, Slater GE, Sherman R, Anderson DC, Ettinger MG, Mahowald MW. Multiple sclerosis and sleep: survey report and polygraphic detection of REM and NREM motor abnormalities. Presented at the Joint meeting of the Sleep Research Society and the Association of Sleep Disorders Centers. Columbus, 1986.

Rockswold GL, Anderson DC, Ford SE. Treatment of severely brain injured patients with hyperbaric oxygen (HBO) at Hennepin County Medical Center. Presented at the Annual Meeting of the American Association of Neurological Surgeons. Denver, 1986.

Rockswold GL, Anderson DC, Ford SE. The treatment of severely brain injured patients with hyperbaric oxygen. Presented at the 3d Annual Houston Conference on Neurotrauma. Houston, 1987.

Harris I, Anderson DC. Commercialism in medical education: the impact of a medical faculty practice plan on the education of medical residents. Presented at the Annual Meeting of American Educational Research Association. Washington DC, 1987.

Pascual-Leone A, Larson D, Anderson D, Hoj K. Resolution of the carotid string sign and of neurological deficits with volume expansion. Presented at the Minnesota Scientific Meeting of the American College of Physicians. Minneapolis, 1987.

Harris I, Miller W, Feickert J, Allen S, Anderson D, Poland G, Satran L, Longbella C, Bland C. An OSCE with a large class: medical students as patients and examiners. Presented at the AAMC Annual Meeting. Chicago, 1988.

Pascual-Leone A, Dhuna A, Altafullah I, Worley J, Anderson DC. Cocaine-induced seizures. Presented at the Minnesota Scientific Meeting of the American College of Physicians. Minneapolis, 1988.

\*Feinberg WM, Seeger JF, Carmody RF, Hart RG, Anderson DC, Miller VT. Asymptomatic cerebral infarction in patients with atrial fibrillation. Presented at the 61st scientific session of the American Heart Association. Washington DC, 1988.

Harris I, Miller W, Allen S, Anderson DC, Bland C, Dennis T, Satran L. Feedback in an OSCE by medical students as patients and examiners. Presented at the AAMC Annual Meeting. Washington DC, 1989.

Allen SS, Bland CJ, Harris I, Anderson DC, Poland G, Satran L, Miller W. Structured clinical teaching strategies in the ambulatory setting. Presented at the AAMC Annual Meeting. Washington DC, 1989.

Harris I, Anderson DC, Allen S, Bland C, Poland G, Satran L, Laiti K, Miller W. The use of an OSCE for program and teaching evaluation. Presented at the AAMC Annual Meeting. Washington DC, 1989.

Rockswold GL, Ford SE, Bergman T, Anderson DC. Results of a prospective randomized trial for treatment of severely brain-injured patients with hyperbaric oxygen (HBO). Presented at the Annual Meeting of the American Association of Neurological Surgeons. Nashville, 1990.

Anderson DC. Cerebral atrophy in chronic cocaine abusers. Presented at the Central Society for Neurological Research. Two Harbors MN, 1990.

Ganiats TG, Feinberg WM, Seeger JF, Carmody RF, Hart RG, Anderson DC, Pearce LA. Changes in health-related quality of life measurements after a silent stroke. Presented at the AHCPR Conference on Primary Care Research. San Diego, 1991.

Rockswold GL, Ford SE, Bergman TA, Anderson DC. Final results of a prospective, randomized trial for treatment of severely brain injured patients with HBO. Presented at the Neurosurgical Society of America Annual Meeting. Destin FL, 1991.

Harris I, Ytterberg S, Allen S, Satran L, Anderson D, Whitley K, Miller W. Evaluation of clinical knowledge with an innovative format: development and assessment of the tailored response test. Presented at the Innovations in Medical Education Exhibits, AAMC Annual Meeting. Washington DC, 1991.

Ytterberg S, Harris I, Satran L, Allen S, Anderson D, Whitley K, Miller W. Use of interactive computer technology with an innovative testing format - the tailored response test. Presented at the Innovations in Medical Education Exhibits, AAMC Annual Meeting. Washington DC, 1991.

\*Miller VT, Feinberg WM, Rothrock JF, Pearce LA, Hart RG, Anderson DC, on behalf of the Stroke Prevention in Atrial Fibrillation Investigators. Ischemic stroke in patients with atrial fibrillation: clinical classification and aspirin effect. Presented at the 44th Annual Meeting of the American Academy of Neurology. San Diego, 1992.

Ytterberg S, Harris I, Vawter D, Allen S, Anderson D, Kofron P, Moller J, Whitley K, Miller W. Evaluation of complex skills in OSCE. Presented at the Innovations in Medical Education Exhibits, AAMC Annual Meeting. New Orleans, 1992.

Harris I, Ytterberg S, Allen S, Anderson D, Kofron P, Moller J, Whitley K, Miller W. Evaluation of clinical knowledge with the Tailored Response Test (TRT) assessment of alternative response formats. Presented at the Innovations in Medical Education Exhibits, AAMC Annual Meeting. New Orleans, 1992.

\*Anderson DC, Litin SC, McBride R, on behalf of the Stroke Prevention and Atrial Fibrillation (SPAF-II) Investigators. Intracranial hemorrhage during anticoagulation for atrial fibrillation: interim results of the second stroke prevention in atrial fibrillation (SPAF-II) trial. Presented at the 18th Joint Meeting on Stroke and Cerebral Circulation. Miami Beach, 1993.

\*Anderson DC, Steinberg P. Reflex sympathetic dystrophy: an adverse reaction to immunotherapy. Presented at the 49th Annual Meeting of American Academy of Allergy and Immunology. Chicago, 1993.

Langendorf FG, Anderson DC, Tupper DE, Rottenberg DA, Weisman ID. Brain atrophy and chronic cocaine abuse: background and work in progress. Presented at the "Neurotoxicity and Neuropathology Associated with Cocaine Abuse" conference, National Institute on Drug Abuse. Rockville MD, 1994.

Harris I, Ytterberg S, Allen S, Anderson D, Kofron P, Kvasnicka J, Moller J. Impact of an OSCE on students' confidence in their clinical skills. Presented at the AAMC Resources in Medical Education Meeting, Washington, 1996.

\*Jozefowicz RF, Anderson DC, Cannard K. Results of the survey of neurology clerkship directors. Presented at the 49th Annual Meeting of the American Academy of Neurology. Boston, 1997.

\*Hanson SK, Brauer DJ, Anderson DC, Koller RL, Davenport JG, Ramirez-Lassepas M, Klassen AC, Altafullah IM, Brown RD. Stroke treatment in the community (STIC) - intravenous rt-PA in clinical practice. Presented at the 50th Annual Meeting of the American Academy of Neurology. Minneapolis, 1998.

\*Hanson SK, Brauer DJ, Brown RD Jr, Anderson DC, Davenport JG, Altafullah I. Should use of tPA for ischemic stroke be restricted to specialized stroke centers? Presented at the 25<sup>th</sup> Joint Meeting on Stroke and Cerebral Circulation. New Orleans, 2000.

\*Tupper DE, Langendorf F, Anderson DC. Human brain atrophy and neuropsychological dysfunction in chronic cocaine use. Presented at the International Neuropsychology Society. Denver, 2000.

\*Langendorf FG, Tupper DE, Rottenberg DA, Anderson DC. Does chronic cocaine exposure cause brain atrophy? A quantitative MRI study. Presented at the 52<sup>nd</sup> Annual Meeting of the American Academy of Neurology. San Diego, 2000.

\*Burt M, Anderson D, Apple FS. Implementation of free phenytoin therapeutic drug monitoring. Presented at the Annual Meeting of the Academy of Clinical Laboratory Physicians and Scientists. Salt Lake City, 2000.

Holloway RG, Rush SR, Anderson D, Bartleson JF, Gorelick P, Bieber J. QuintEssentials: an innovative, online strategy to improve stroke prevention care. Presented at the Annual Meeting of the American Board of Medical Specialties. Chicago, 2001.

\*Hanson SK, Brauer D, Brown RD Jr, Anderson DC, Altafullah I, Davenport J, Ramirez-Lassepas M, Adlis S. Minnesota Community experience with intravenous rt-PA for acute ischemic stroke: Stroke Treatment in the Community (STIC). Presented at the 27<sup>th</sup> International Stroke Conference. San Antonio, 2002.

\*Lakshminarayan K, Anderson DC, DuPlessis-Tchida, ML, Murakami MAM, Apple FS. Association between cardiac troponin I concentrations and discharge outcomes in patients with acute ischemic stroke. Presented at the 54<sup>th</sup> Annual Meeting of the American Academy of Neurology. Denver, 2002.

\*Lakshminarayan K, Morris N, Boese A, Anderson D. Management of marked hypertension in acute ischemic stroke: how often are guidelines followed? Presented at the 55<sup>th</sup> Annual Meeting of the American Academy of Neurology. Honolulu, 2003.

## **INVITED LECTURES**

### **National Meetings**

Neurologic complications of cardiac diseases. 36th Annual Meeting of the American Academy of Neurology: Medicine for the Neurologist. Boston, 1984.

Multimodality evoked potentials in head trauma. American Society for Clinical Evoked Potentials. Orlando, 1985.

Teaching neurology. 19th Annual Meeting of the Society of Teachers of Family Medicine. San Diego, 1986.

The neurologic examination in the primary care setting. 29th Annual Meeting of the Society of Teachers of Family Medicine. New Orleans, 1987.

Management of transient ischemic attacks, RIND phenomena, and other threatened vascular states of CNS. New York State ACP Meeting. Cooperstown NY, 1987.

Stroke prevention in atrial fibrillation: progress report. 17th Princeton Conference. Durham, 1990.

Prevention of "stroke" in atrial fibrillation: a multicenter study. 23d Annual Cardiovascular Symposium of the American College of Cardiology: Change, Choice, Challenges in the Management of Cardiovascular Diseases. New York NY, 1990.

The neurologic education of family practice residents. 44th Annual Meeting of the American Academy of Neurology: AB Baker Colloquium. San Diego, 1992.

Risk factors for thromboembolism in the Stroke Prevention in Atrial Fibrillation Study. 18th Princeton Conference. Rochester MI, 1992.

Anticoagulation in cerebrovascular disease. 2nd National Conference on Anticoagulant Therapy. Monterey, 1993.

The role of warfarin in stroke prevention. 8th Invitational Conference on Anticoagulation Therapy: Clinical Challenges in Anticoagulation Therapy. Atlanta, 1993.

Prevention of stroke from non-valvular atrial fibrillation. Issues in the Neurological Management of Acute Stroke. Chicago, 1994.

Best management of stroke. Quality Neurologic Care in a Managed Care Environment. Springfield, 1996.

The objective structured clinical examination. 49th Annual Meeting of the American Academy of Neurology. The Neurology Clerkship: Innovative Methods for Evaluating Students. Boston, 1997.

Residency issues – 2002. Neurology Update. Winter Meeting of American Academy of Neurology. Fort Lauderdale, 2002.

### **Regional (Recent 1990 - )**

Stroke in the elderly. Geriatric Pharmacology Conference. Minneapolis, 1990.

- Cerebrovascular disorders: risk factors, diagnosis, and management. Prevention of Atherosclerotic Diseases. Minneapolis, 1990.
- Prevention of cardioembolism. United Hospital Medical Grand Rounds. St. Paul, 1990.
- Antithrombotic therapy in atrial fibrillation. Geriatrics Conference. Minneapolis, 1990.
- Prevention of stroke. Family Practice Review and Update. Minneapolis, 1991.
- Anticoagulation for atrial fibrillation. American Heart Association, Wisconsin Affiliate, Annual Scientific Session. Milwaukee, 1992.
- Stroke prevention. Family Practice Review and Update. Minneapolis, 1992.
- 1991- A vintage year for vascular disease and stroke. United Hospital Medical Grand Rounds. St. Paul, 1992
- Cerebral vascular disease and stroke. Prevention and Management of Atherosclerotic Disease. Minneapolis, 1993.
- The relationship of heart disease and stroke. American Heart Association, Minnesota Affiliate: Stroke - Optimism in the 90s. Minneapolis, 1993.
- Stroke: clinician's perspective. Minnesota Radiological Society. Minneapolis, 1993.
- Nontraumatic coma. Critical Care 1994: A Focus on Practical Management. St. Paul, 1994.
- Stroke update. 20th Annual Family Practice Review: Update 1994. Minneapolis, 1994.
- Cerebrovascular accident - initial evaluation and management. 3d Annual Family Practice Update. Minneapolis, 1994.
- Stroke prevention. Minnesota Scientific Meeting of the American College of Physicians. Minneapolis, 1994.
- Stroke - prevention and management strategies. University of Minnesota Family Practice Grand Rounds. Minneapolis, 1994.
- Stroke update. 21st Annual Family Practice Update. Minneapolis, 1995.
- Preventing and treating stroke in managed care. Minnesota Society of Neurological Sciences. Minneapolis, 1995.
- Anticoagulant therapy: the risks and benefits - aspirin vs. warfarin. American Heart Association, Wisconsin Affiliate, Annual Scientific Session: Emerging New Treatment Strategies for the Management of Stroke. Milwaukee, 1996.
- Stroke update. Family Practice Review - Update 1996. Minneapolis, 1996.
- Issues in prevention and treatment of ischemic stroke. University of Minnesota Internal Medicine Grand Rounds. Minneapolis, 1996.
- Use of thrombolytics in the acute management of CVA. Internal Medicine Review. Minneapolis, 1996.
- Medical treatment of stroke and stroke risk. A Multidisciplinary Approach to the Evaluation and Management of Peripheral Vascular and Cerebrovascular Diseases Symposium. Minneapolis, 1996.
- Thrombolytic treatment and stroke: current status. Fairview Ridges Hospital Grand Rounds. Burnsville, 1996.

Stroke update. Family Practice Review - Update 1997. Minneapolis, 1997.

Neuroimaging issues in thrombolysis for stroke. New Frontiers in the Management of Acute Ischemic Stroke. Minneapolis, 1997.

Intracranial hemorrhage and rt-PA associated bleeding. American Academy of Neurology sponsored Acute Stroke Management Workshop (workshop director). Minneapolis, 1997.

Parenteral antithrombotic therapies for acute stroke treatment. A Multidisciplinary Approach to the Evaluation and Management of Peripheral Vascular and Cerebrovascular Diseases. Minneapolis, 1997.

Thrombolysis in stroke management. Annual Family Practice Update. Minneapolis, 1997.

Stroke update. Family Practice Review - Update 1998. Minneapolis, 1998.

Stroke: an ounce of prevention . . . Ralston Lecture Series. University of North Dakota School of Medicine and Altru Health System. Grand Forks, 1998.

Antithrombotic therapies for acute stroke. A Multidisciplinary Approach to the Evaluation and Management of Peripheral Vascular and Cerebrovascular Diseases. Minneapolis, 1998.

Stroke: a clinician's view. GRECC Symposium - Problems of the Aging Brain: Diagnosis and Management. Minneapolis, 1999.

Stroke update. Family Practice Review - Update 1999. Minneapolis, 1999.

Individualizing prophylaxis for stroke. A Multidisciplinary Approach to the Evaluation and Management of Peripheral Vascular and Cerebrovascular Diseases. Minneapolis, 1999.

Stroke update. Family Practice Review - Update 2000. Minneapolis, 2000.

Treatments for acute ischemic stroke: weighing the evidence. St. Paul, 2000.

Stroke prevention. A Multidisciplinary Approach to the Evaluation and Management of Peripheral Vascular and Cerebrovascular Diseases. Minneapolis, 2000.

Anticoagulants in stroke prevention. A Multidisciplinary Approach to the Evaluation and Management of Peripheral Vascular and Cerebrovascular Diseases. Minneapolis, 2001.

Thrombolytic and antithrombotic treatment in stroke care, 2001. Capistrant Lecture. St. Paul, 2001.

Stroke update. Family Practice Review - Update 2002. Minneapolis, 2002.

Stroke treatment in Minnesota: attitudes and practice. A.B. Baker dinner lecture. Bloomington, 2002.

### **VISITING PROFESSORSHIPS**

Mary Imogene Bassett Hospital, Department of Medicine. Cooperstown NY, September, 1981.

Mayo Clinic, Department of Neurology. Rochester MN, September, 1982.

St. Francis Hospital, CME Department. LaCrosse WI, September, 1985.

Mary Imogene Bassett Hospital, Department of medicine. Cooperstown NY, October, 1987.

University of Texas at San Antonio, Department of Medicine, Division of Neurology. San Antonio, September 1991.

St. Francis hospital, CME Department. LaCrosse WI, October, 1991.

### **OTHER ACADEMIC ACTIVITIES**

Participant, National Invitational Conference on the Clinical Education of Medical Students. Association of American Medical Colleges. Washington DC, 1985.

Participant. In: Anderson DC, Helman D, Horowitz C. The neurologic examination. Educational Videotape, University of Minnesota, 1986.

Faculty advisor for 38 medical students, 1975 - 1999.

Faculty advisor for 26 neurology residents, 1975 - 1999.

Examiner, American Boards of Neurology and Psychiatry, 1989, 1993, 1994.

Invited Participant, clinical practice examination workshop for deans. Springfield, 1991.

Mentor, minority student summer neuroscience program, 1991.

Faculty Member, national Faculty of Core Content Review of Family Medicine, 1991 - 1994.

Invited Consultant, NIDA planning meeting on drugs of abuse as cofactors in HIV infection and disease progression. Washington DC, 1992.

Ad Hoc Reviewer, Veterans Administration Merit Grant Program, 1993.

Course Director, Annual A.B. Baker Dinner Lecture, 1992 - 1997.

Editorial Review Panel Member for Stroke, Time Life Medical series, 1995 -.

Course Director, Milton G. Ettinger Lecture, 1996 -.

Member, Residency Review Committee for Neurology, Accreditation Council for Graduate Medical Education, 1998 - 2003.

Vice Chair, 2000 - 2002

Chair, 2002 - 2003

Member, External Event Adjudication Committee, RANTAS II, 1996 - 1997

Member, External Event Adjudication Committee, WASID, 1999 -

Panel Member, Stroke Quality of Care Study, 1999.

Faculty, QUINTEssentials program: Risk Factor Modification in Stroke. American Academy of Neurology, 1999 -

Co-editor, Stroke: Education and Slide Lecture Series - CD-ROM. American Heart Association, 2000.

Member, Event Committee, CHORUS Trial, 2000 -

Ad Hoc Member Reviewer, NINDS Clinical Trials Grants Review Committee, 2000 -

Member, Advisory Board, Comprehensive Advanced Life Support (CALs), a project of the Minnesota Academy of Family Physicians, 2000 -

Co-author (with Robert D. Brown, MD; Neurology – Mayo Clinic), Stroke Education CD-ROM. American Heart Association, Northland Affiliate, 2001.

Ad Hoc Grant Reviewer, Brain Study Group – National. American Heart Association, 2002.

## GRANTS

Netilmicin - tobramycin comparison study, brainstem auditory evoked potentials - Schering-Plough (1980 - 1982). Coinvestigator.

Hetastarch in cerebral infarction - American Critical Care (1985 - 1987 [discontinued by sponsor]). Site - principal investigator.

Effect of hyperbaric oxygen on cerebral infarction - Hennepin Faculty Associates (1986 - 1987, 1987 - 1988, 1988 - 1989). Principal investigator.

Stroke prevention in atrial fibrillation - NINDS (R01 - NS - 24224), (1987 - ). Site - principal investigator.

Trial of antithrombotic therapy in stroke treatment - NINDS (R01 - NS - 27863), (1990 - 1993 [withdrew]). Site - principal investigator.

Human brain atrophy and dysfunction in chronic cocaineism - ADAMHA (R01 - DA - 07428), (1991 - 95). Principal investigator.

Evaluation of hyperbaric oxygen in head injury - NINDS (P20 - NS - 30322), (1992 - ). Coinvestigator.

Measurement of regional cerebral metabolic rate for glucose in recently abstinent cocaine-dependent Subjects using (18F) fluorodeoxyglucose and position emission tomography (PET). Coinvestigator.

Warfarin aspirin recurrent stroke study - NINDS (R01 - NS - 28371), (1993 - ). Site - principal investigator.

A randomized, double-blind, placebo-controlled parallel group multicenter trial of two doses of fiblast (tranfermin) in patients with acute stroke - Wyeth-Ayerst (1997 - 1998 [discontinued by sponsor]). Coinvestigator.

The effects of 2000 mg. citicoline on clinical outcome and the evolution of lesion volume in human stroke - Interneuron (protocol number IP302-018), (1998 - 1999). Coinvestigator.

Improving utilization of ischemic stroke research - AHRQ (1 U18 HS11073-01), (2000 - ). Coinvestigator and medical director.

Minnesota Stroke Survey – NINDS (R01 - NS - 39028-03). (2000-2005) Coinvestigator.

Secondary prevention of Small Subcortical strokes (SPS3) NINDS (2U01NS38529-04A1), (2003-) Site PI

