

City of Gainesville
APPLICATION FOR ADVISORY BOARDS/COMMITTEES
 (Please Print or Type)

BOARDS APPLYING FOR:

NAME: STEVEN A. REID, Board of Adjustment

ADDRESS: 314 NE 4 AVE, FL ZIP 32601

CITY, ST: Gainesville (BUSINESS) 332-7246

PHONE: (HOME) 377-9128 (BUSINESS) 332-7246

OCCUPATION/POSITION: Neurosurgeon

EMPLOYER: Self

MEETING DATE ATTENDED:
 1) _____
 2) _____

Training/Experience related to Board(s)/Committee(s) to which appointment is being sought: _____
I served on this board for several years, including several as chairman.
During that time the City never lost a suit over the Board's actions. I understand
the role of the Board. I will attend regularly and provide impartial,
reasoned input.

EDUCATIONAL BACKGROUND		PROFESSIONAL ORGANIZATIONS	
COLLEGE/HIGHER EDUCATION	GRAD?	DEGREE	
<u>University of Florida</u>	<u>1977</u>	<u>M.D.</u>	<u>AMA, AAANS, ACS, CUS, ICS, etc</u>
High School:	Location:		

REFERENCES		PHONE NUMBER
NAME		
<u>1) Fred Peterkin</u>		<u>376 0047</u>
<u>2) Keiffen Calkins</u>		<u>3772340</u>
<u>3) Bill Rohan</u>		<u>3716449</u>

Please indicate any contact made with City Commission members concerning this application		
	Appointment	Phone Call
Mayor T. Bussing		
Commissioner J. Barrow		
Commissioner C. Chestnut		
Commissioner P. Hanrahan		
Commissioner W. Nielsen		

DEMOGRAPHIC INFORMATION
 (Voluntary)

RACE: African American White Asian American Hispanic American Other


SEX: Male Female

Have you ever been convicted of an Ordinance or Statute other than a minor traffic violation? YES NO
 If YES, please explain: _____

Reside Within City of Gainesville City Limits? YES NO
 (If in Gainesville, please locate residence on attached map)

Are you a "relative" of a member of the City Commission? YES NO
 Section 112.3135, Florida Statutes defines "relative" as...an individual who is related to the public official as father, mother, son, daughter, brother, sister, uncle, aunt, first cousin, nephew, niece, husband, wife, father-in-law, mother-in-law, son-in-law, daughter-in-law, brother-in-law, sister-in-law, stepfather, stepmother, stepson, stepdaughter, stepbrother, stepsister, half brother, or half sister."

Signature: [Signature] Date: 8/23/01



Curriculum Vitae
Steven A. Reid, M.D., F.A.C.S., F.I.C.S.
President, NeuroDimension Incorporated

Personal Record

Date of Birth: January, 1954

Place of Birth: Miami, Florida

Marital Status: Married, with 2 children

Education and Educational Service

Premedical B.S. with High Honors, 1976, University of Florida, Gainesville
Medical M.D. with Honors for Research, 1979, University of Florida, Gainesville
Internship General Surgery Internship, July 1979-June 1980, University of Florida
Residency Neurological Surgery, July 1980-June 1985, University of Florida
Assistant Professor, University of Florida July 1985-June 1990
Clinical Assistant Professor, University of Florida July 1990-November 1999
Chief, Neurosurgery Section, Gainesville Veterans Administration Medical Center July 1985-June 1990
Clinical Assistant Professor, University of Florida, July 1990-October 1999
Private Practice Neurosurgery, July 1990-present

License

State of Florida - 1980

Certification

National Board of Medical examiners, Diplomate, July 1980
American Board of Neurological Surgery, Diplomate, May 1989
NASA Space Transportation System Medical Certification, Kennedy Space Center, Florida, 1989
NASA Flight Surgeon Training Course, Johnson Space Center, Houston, 1993
CMEA Wilderness Medicine, 1997

Societies (former and present)

Alachua County Medical Society
Alpha Omega Alpha
American Epilepsy Society
American Medical Association
American Association for the Advancement of Science
American Association of Neurological Surgeons
Epilepsy Foundation of America
Florida Medical Association
Phi Kappa Phi
Society of Neurosurgical Anesthesia and Neurologic Supportive Care
Gainesville Historical Society
Society for Neuroscience
Congress of Neurological Surgeons
International Neural Network Society
Southern Neurosurgical Society

Societies (former and present) cont.

American College of Surgeons
International College of Surgeons
Florida Independent Physicians Association, Inc.
Joint Section on Disorders of the Spine and Peripheral Nerves
Wilderness Medical Society

Awards, Honors, Public Service, and Offices

DSWF Scholarship Award
Phi Kappa Phi
B.S. Degree with High Honors
Watson Clinic Award for Scientific Achievement, 1976
Epilepsy Foundation Research Fellowship, 1978
Walt Oppelt Memorial Award for Excellence in Pharmacology and Therapeutics, 1979
Alpha Omega Alpha
Faculty Award for Research, 1979
M.D. Degree with Honors for Research, 1979
First Place, First Annual Ethicon Suture Tie-Off, 1982
Invited Lecturer, Intraoperative Evoked Potential Course, 1985 -1990
Reviewer, VA Merit Review Board for Neurobiology
Laboratory Director, Florida Foundation for Future Scientists, 1986 - 1990
Moderator and Program Committee, Evoked Potential Monitoring - State of the Art - 1986
Faculty, Symposium on Contemporary Neurosurgery, Florida Neurosurgical Society - 1986
Vice President, Epilepsy Association of North Central Florida
Board of Directors, Epilepsy Foundation of Florida
Chairman, Chapter Development Committee, Epilepsy Foundation of Florida
Conference Committee, Epilepsy Foundation of Florida
Reviewer for Experimental Neurology
Professional Advisory Board, Epilepsy Foundation of Florida
Professional Advisory Board, Epilepsy Association of North Central Florida
Faculty, Focus on Epilepsy III, Orlando, Florida - 1987
Systems Operator, NeuroSIG
Reviewer for Neurosurgery
Course Director, Principles of BRW Stereotaxic Equipment, Southern Neurosurgical Society 1988
Co-Chairman GVAMC Medical Records Committee - 1988
Special Appointment to Electrical Engineering Graduate School Doctoral Faculty - 1988
Faculty and Moderator, Focus on Epilepsy, Epilepsy Foundation of Florida - 1988, 1989
Keynote Address, "Seizures and Surgery", Gulf Coast Epilepsy Foundation, 1988
Senator for College of Medicine, University of Florida Senate
Telematics Committee, AAMSI
Faculty Council, College of Medicine - 1989
President - Epilepsy Foundation of Florida - 1990, 1991
Invited Examiner, Ossler Institute Mock Neurosurgical Boards - 1991
President, Neurodimension Incorporated - 1991
Sponsor, Chuck Harder Radio Show- 1997
Sponsor, North Florida Advocate Newspaper- 1997, 1998
Sponsor, Citizens Committee for Better Government-1997
Sponsor, Civic Media Center-1997

Societies (former and present) cont.

Chairman, City of Gainesville Board of Adjustment - 1997, 1998, 1999
Member, Gainesville Area Chamber of Commerce - 1997, 1998, 1999
Chaperone, Alachua County Sheriff's School Safety Patrol Tour of Washington, D.C. - 1998
First Place, Gainesville Sun's First Annual Best Web Site in Gainesville Award - 1998
J. Kiffin Penny Eagle Award For Pioneering New Therapies Improving the Lives of
People Touched by Epilepsy--1999

Research Grants

P.I.

DSR New Faculty Award
Epilepsy Foundation of America
Veterans Administration Merit Review

Co-P.I.

National Science Foundation Consultant
Small Business Innovation Research Grant (Consultant for Microtronics Development of
Neurological Workstation)
Office of Naval Research, NeuroDimension Research Contract
Cyberonics, Neurosurgical Advisor

Publications

Articles in Refereed Journals:

1. Boast CA, Reid SA, Johnson P, and Zornetzer SF: A caution to brain scientists: unsuspected hemorrhagic vascular damage resulting from mere electrode implantation. *Brain Res* 103:527-534, 1976.
2. Reid SA and Sypert GW: FeCl₃-induced epileptic foci in cats. *Surgical Forum* 30:448-449, 1979.
3. Reid, SA, Sypert GW, Boggs WM, and Willmore LJ: Histopathology of the ferric-induced chronic epileptic focus in cat: a Golgi Study. *Exp Neurol* 66:205-219, 1979.
4. Reid SA and Sypert GW: Acute FeCl₃-induced epileptogenic foci in cats: electrophysiological analyses. *Brain Res* 188:531-542, 1980.
5. Zengel JE, Reid SA, Sypert GW, and Munson JB: Presynaptic inhibition, EPSP amplitude, and motor unit type in triceps surae motoneurons in the cat. *J Neurophysiol* 49:922-931, 1983.
6. Reid SA and Friedman WA: C.T. directed biopsy of intracranial neoplasms: experience with the Brown-Roberts-Wells stereotaxic frame. *JFMA* 71:851-855, 1984.

Articles in Refereed Journals cont.:

7. Zengel JE, Reid SA, Sypert GW, and Munson JB: Membrane electrical properties and prediction of motor unit type of medial gastrocnemius motoneurons in the cat. *J Neurophysiol* 53:1323-1344, 1985
8. Reid SA and Mickle JP: Myelomeningocele occurring within a lumbosacral teratoma: case report, *Neurosurgery* 17:338-340, 1985.
9. Cazenave S, Reid SA, Virapongse C, and Hunter S: Reactive gliosis simulating butterfly glioma: a neuroradiological case study. *Neurosurgery* 19 (5), 1986.
10. Cazenave C, Virapongse C, and Reid SA: Rapid infusion contrast-enhanced computed tomography in the diagnosis of intraspinal malignant schwannoma. *Spine* 12:416-418, 1987.
11. Reid SA: NeuroSIG: The Computer Network of the Congress of Neurological Surgeons. *Neurosurgery* 23:519-524, 1988.
12. Reid SA and Palovcik RA: Spontaneous epileptiform activity recorded from isolated human epileptic focus in vitro. *Neuroscience Letters* 98:200-204, 1989.
13. Reid SA: Toward the ideal electrocorticography array. *Neurosurgery* 25:135-137, 1989.
14. Fang-Shu Yu, Principe J, and Reid SA: Display of EEG chaotic Dynamics *IEEE BME Conference Proceedings*, 1989.
15. Park S, Principe JC, Smith JR, and Reid, SA: TDAT - time domain analysis tool for EEG analysis. (accepted for publication in *IEEE Transactions on Biomedical Engineering*).
16. Reid, SA: Implanting the Cyberonics neurocybernetic prosthesis: surgical technique. *Epilepsia* 31:S38-S39, 1990.
17. Reid SA, Principe J, and Palovcik RA: Nonlinear dynamics in the human electrocorticogram: An introduction to chaos for neurological surgeons. (Submitted to *Neurosurgery*).
18. Reid, SA, Palovcik R, Principe J., Albuquerque A: Computer animation of electrophysiological responses. Accepted *J Neuroscience Methods*.
19. Palovcik R, Reid SA: Mechanical aspects of slicing neuronal tissue for in vitro studies. (submitted to *J Neurosci Methods*).
20. Uthman BM, Reid SA, Beydoun A, Andriola M: Infantile spasms, hysarrhythmia, and subtotal hemispherectomy: a case report. (submitted to *Epilepsia*).21. Principe J, Reid SA, Lo PC, and Palovcik RA: Linear and non-linear systems analyses of human epileptic brain slice electrical activity. (in preparation for submission to *Electroenceph and Clin. Neurophysiol*).
22. Principe J, Reid SA: ^aAnalysis and Visualization of the EEG in phase space°. *Proc IEEE EMBS*:1404-1405, 1990, Philadelphia.

Publications

Articles in Refereed Journals:

23. Barreto A, Principe J, Reid SA: ^aSpatio-temporal localization and display of focal epileptic activity from the electrocardiogram^o submitted to IEEE EMBS Conference, Orlando, 1991.
24. Barreto A, Principe J, Reid SA: ^aMultidimensional filtering of the ECoG fro epileptic focus localization^o. Proc Southeast Conf 90, Williamsburg, 1116-1120, 1991.
25. Hammond EJ, Ballinger WE, Lu L, Wilder BJ, Reid SA: Absence of cortical white matter changes in three patients undergoing long-term vigabatrin therapy. Submitted Epilepsy Research 6/21/91.
26. Basim M. Uthman, S.A. Reid, B.J. Wilder, M.R. Andriola and Ahmad A. Beydoun: Outcome for West Syndrome Following Surgical Treatment. *Epilepsia* 32 (5):668-671, 1991.
27. E.J. Hammond, B.M. Uthman, S.A. Reid, B.J. Wilder: Electrophysiological studies of cervical vagus stimulation in man: I. EEG effects and II. Evoked Potentials. Submitted to *Electroenceph. Clinic Neurophysiology*, 1991
28. Armando B. Barreto, Jose C. Principe, Steven A. Reid, M.D.: STL: A Spatio-Temporal Characterization of Focal Interictal Events. *Brain Topography*, Volume 5, Number 3, 1993.
29. Armando B. Barreto, Jose C. Principe and Steven A. Reid: Intraoperative Focus Localization System based on Spatio-Temporal ECoG analysis. Proceedings of the Annual International Conference of the IEEE Engineering in Medicine and Biology Society Vol 15 October, 1993.

Articles in Books:

1. Reid SA and Sybert GW: ^aChronic Models of Epilepsy^o in: *Electrophysiology of Epilepsy*. (PA Schwartzkroin and HV Wheal, Eds.), Academic Press Inc., London, 1984.
2. Reid SA and Grundy BL: ^aThe Neurosurgical Skull Clamp^o in: *Positioning in Anesthesia and Surgery*, Second Edition. (John T. Martin, editor). Saunders, Inc. pp 71-78.
3. Gravenstein N, Grundy BL, and Reid SA: Postural Injuries to the Central Nervous System^o in: *Positioning in Anesthesia nad Surgery*, Second Edition. (John T. Martin, Editor.) Saunders, Inc., pp 291-302.
4. Reid SA and Sybert GW: ^aSyringomyelia^o in: *Decision Making in Neurological Surgery*. (Kenneth R. Smith, Jr., Editor) B.C. Decker, in press.
5. Reid SA and Sybert GW: ^aSpinal arteriovenous malformations^o in: *Decision Making in Neurological Surgery*. (Kenneth R. Smith, Jr., Editor.) B.C. Decker, in press.

Monographs and Software:

1. Reid SA: Ferric-induced epileptogenic foci in cats: histopathologic and electrophysiologic aspects. University of Florida Senior Medical Thesis, Gainesville, 1979.
2. Reid SA: Skull. Interactive text and graphics skull anatomy tutorial. HyperBase, Cogent Software, 1989.
3. Provo J, and Reid SA: Trauma. Principles of Onsite Management. HpyerBase, Cogent Software, 1989.

Abstracts

1. Reid SA, Boast CA, and Zornetzer SF: Recovery of function after hippocampal vascular damage in mice. Soc Neurosci Abstr 2:1201, 1976.
2. Boggs WM, Reid SA, Sypert GW, Munson JB, and Willmore LJ: Chronic iron-induced epileptogenic foci: an electrophysiological study in rats. Soc Neurosci Abstr 4:417, 1978.
3. Reid SA, Boggs WM, Sypert GW, and Willmore LJ: Histopathology of ferric-induced epileptogenic foci: a Golgi survey in cats. Soc Neurosci Abstr 4:447, 1978.
4. Reid SA and Sypert GW: FeCl₃-induced epileptic foci in cats: histopathologic and electrophysiologic analysis. NSRF Abstracts 1979:55, 1979.
5. Reid SA, Zengel JE, Sypert GW, and Munson, JB: Does presynaptic inhibition play a role in the motor-unit-specific organization of group Ia synaptic input to spinal motoneurons? AANS Abstracts T7-102, 1982.
6. Zengel JE, Munson JB, Sypert GW, and Reid SA: Can motor unit type be predicted on the basis of the motoneuron's membrane properties? Soc Neurosci Abstr 8:958, 1982.
7. Munson JB, Fleshman JW, Freidman WA, Lofton SA, Reid SA, Sypert GW, and Zengel, JE: Synaptic input from muscle afferents to spinal motoneurons: relation to motor unit type. Reflex organization of the spinal cord and its descending control. Canberra, Australia, 1983.
8. Reid SA and Palovcik R: Presence of intrinsic epileptiform activity in human in vitro brain slices. Soc. Neuroscience Abstr. 14:351.11, 1988.
9. Reid SA, Black G, Knouf C, and Farrar J: Knowledge management through the use of smart terminal communication software and multicolor graphics. AAMSI Congress, 1988.
10. Reid SA, Farrar J, and Kelly M: Use of computers and networks for conducting professional CME. AAMSI Congress, 1988.
11. Hammond EJ, Uthman BM, Reid SA, Wilder BJ: Electrophysiological effects of vagus nerve stimulation in man. Epilepsia, 1989.
12. Hammond EJ, Uthman BM, Ireland WJ, Wilder BJ, Reid SA, Principe JA: Chronic Vagus Nerve Stimulation for Control of Epilepsy: Physiological Aspects. Neurology in press.

Abstracts cont.

13. Hammond EJ, Uthman BM, Reid SA, Wilder BJ, Principe JA: Chronic Vagus Nerve Stimulation for Epilepsy: Physiological Aspects. *Electroenceph Clin Neurophysiol* 75:S56, 1990.
14. Reid SA, Yu FS, Principe JA: State Space Display of EEG Chaotic Dynamics. *Electroenceph Clin Neurophysiol* 75:S124, 1990.
15. Uthman BM, Wilder BJ, Reid SA, Hammond EJ, Ireland WJ: Efficacy and safety of vagal stimulation in patients with medically intractable partial seizures. in press *Amer Assoc Neurol*, 1990.
16. Palovcik R, Reid SA, Principe J: A 40 Hz rhythm in isolated human cortical slices from epileptics. Accepted 1990 Annual Meeting of Society of Neuroscience, St. Louis.
17. A. Barreto, J. Principe, R. Gilmore, R. Schmidt, S. Roper, S. Reid and S. Eisenschenk: Detection and Identification of Interictal Epileptiform Focus Using the Spatiotemporal Laplacian Transformation. *Epilepsia*, 34 (Suppl 6):1-145, 1993.
18. A. Barreto, J. Principe, R. Gilmore, R. Schmidt, S. roper, S. Eisenschenk and S. Reid: Display of Focal Interictal Activity from Intraoperative ECog Using the STL Transformation. *Epilepsia*,34 (Suppl 6):1-145, 1993
19. Barreto AB, Principe JC, Reid SA, Gilmore RL: Spatio-Temporal Epileptic Focus Localization in Electrocortigraphy. Proceedings of the Fifth International Cleveland Clinic – Bethel Epilepsy Symposium May 22-25, 1994
20. Armando B. Barreto, Ph.D., Jose C. Principe, Ph.D. and Steven A. Reid, M.D: An On-Line System For Intraoperative Focus Localization From Array Electrocortigraphy-Proceedings of 1994 IEEE SouthEastCon94, April 10-13,1994, Miami, Florida

Invited Presentations:

1. Reid SA: Epilepsy Surgery. Symposium on Contemporary Neurosurgery, Amelia Island, Florida, 1986.
2. Reid SA: Impact of epilepsy on human history. Epilepsy Association of North Central Florida, 1986.
3. Reid SA: Surgical treatment of epilepsy. Epilepsy Association of North Central Florida, 1987.
4. Reid SA: Surgical treatment of seizure disorders. Focus on Epilepsy III, Orlando, 1987.
5. Reid SA: Epilepsy surgery. EpiCare lecture. Ft. Myers, 1987.
6. Reid SA: Electrodiagnosis of complex partial seizures. Focus on Epilepsy, Orlando, 1988.
7. Reid SA: Surgical techniques in the treatment of epilepsy. Focus on Epilepsy, 1988.

Invited Presentations cont.:

8. Reid SA and Palovcik R: Human in vitro brain slices: a new tool for epilepsy research. College of Medicine Faculty Research Day, 1988
9. Reid SA: Brain death. American College of Emergency Physicians, Florida Chapter, 1988.
10. Reid SA: Intraoperative Electrographic. Florida Association of Operating Room Nurses, 1988.
11. Reid SA: Seizures and Surgery. Keynote address, Gulf Coast Epilepsy Foundation, 1988.
12. Reid SA: Advances in Neurosurgery: Epilepsy Surgery. Florida Neurosurgical Society, 1989.
13. Reid SA: Implantation of the Neurocybernetic Prosthesis: Surgical Technique. Symposium on Vagus Nerve Stimulation for Control of Epilepsy. American Epilepsy Society Annual Meeting, 1989.
14. Reid SA, Fu FS, Principe JA: State Space Display of EEG Chaotic Dynamics. Faculty Research Day, 1990.
15. Reid SA: To LP or not to LP; that is the question. 21 Annual Topics in Internal Medicine, University of Florida, 1990.
16. Reid SA: The Cybernetics Neurocybernetic Prosthesis: Surgical Aspects. FDA Neurologic Devices Advisory Panel, June, 1997.

Television Appearances --

Several appearances on "A Question of Health" as an expert panelist.