BIOGRAPHICAL SKETCH

Provide the following information for the key personnel in the order listed for Form Page 2.
Follow the sample format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME	POSITION TITLE
Robert Scott Fisher, M.D., Ph.D.	Maslah Saul MD Professor of Neurology, Stanford

EDUCATION/TRAINING *(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)*

INSTITUTION AND LOCATION	DEGREE *(if applicable)*	YEAR(s)	FIELD OF STUDY
California Institute of Technology	B.S.	1971	Biology
Stanford University School of Medicine	Ph.D.	1976	Neuroscience
Stanford University School of Medicine	M.D.	1977	Medicine

NOTE: The Biographical Sketch may not exceed four pages. Items A and B (together) may not exceed two of the four-page limit. Follow the formats and instructions on the attached sample.

A. Positions and Honors. List in chronological order previous positions, concluding with your present position. List any honors. Include present membership on any Federal Government public advisory committee.

Neuroscience	Acting Instr	Stanford	09/76 -	12/76
Medicine	Resident	Stanford	07/77 -	06/79
Neurology	Fellow	Johns Hopkins	07/79 -	06/82
Physiology	Research Assoc	U. of Maryland	07/82 -	06/83
Neurology	Instructor	Johns Hopkins	07/82 -	06/83
Medicine	Intern	Stanford	07/77 -	06/78
Neurology	Assistant Prof	Johns Hopkins	07/83 -	12/87
EEG Lab	Acting Director	Johns Hopkins	04/85 -	09/85
EpilepsiaAssoc	Editor	Johns Hopkins	09/86 -	now
EEG Journal	Assoc Editor	Barrow Institute	12/91 -	now
Monitor Unit	Co-Director	Johns Hopkins	07/86 -	12/91
Neurology	Associate Prof	Johns Hopkins	12/87 -	12/91
Neurosurgery	Associate Prof	Johns Hopkins	12/87 -	12/91
Epilepsy Center	Director	Barrow Institute	01/92 -	10/00
Neurol Professor	Clinical	Univ of Arizona	01/96 -	10/00
Neurology	Chairman	Barrow Institute	10/98 –	10/00
Neurology	Named Professor	Stanford	10/00 -	now

HONORS: 1967 Valedictorian, Nova High School; 1970 NSF Traineeship, Caltech, with Dr. Roger Sperry; 1971 George Green Memorial Award: "outstanding research", Caltech.; 1972 Medical Scientist Training Program Fellowship (NIH GM01922); 1976 Hans Berger Award, American EEG Society; 1977 Roland P. Mackay Award, American Academy of Neurology; 1981 Chief Residency in Neurology, Johns Hopkins Hospital; 1982 Teacher Investigator Development Award, NINCDS; 1982 President, American Society for Neurological Investigation; 1983 Fellow, Epilepsy Foundation of America; 1984 Frank Ford Award for Clinical Teaching, Johns Hopkins University; 1985 Klingenstein Fellowship in Neurosciences; 1985 Member, Professional Advisory Board, Epilepsy Association of Maryland; 1986 Associate Editor of the journal Epilepsia; 1986 Principal Investigator, Milacemide trail, Johns Hopkins Center; 1986 Ad hoc Consultant on anticonvulsants, CIBA-GEIGY Corporation; 1986 Chairman, NIH-NINCDS Committee to review anticonvulsants; 1987 Member Professional Advisory Board of Epilepsy Association of America; 1987 Consultant to NOVA Pharmaceuticals, Ciba-Geigy, Ortho

Pharmaceuticals; 1987 Principal Investigator, testing of anticonvulsant, dextromethrophan; 1987 Speakers Bureau, Abbott Pharmaceuticals; 1988 Co-Chair, 1988 Epilepsy Association of Maryland, Baltimore; 1988 Co-Chair, National meeting of American Epilepsy Society, San Francisco; 1988 Consultant to Ortho Pharmaceuticals; 1988 NINCDS Neurosciences Study Section A; Membership American Neurological Association; National Secretary, American Epilepsy Society; Chair Epilepsy Foundation Research Committee, Chair American Epilepsy Society Research Committee, Chairman, Neurology, Barrow Neurological Institute; President Epilepsy Society of Arizona; Past-President, American Epilepsy Society, Executive Committee of the Board, International League Against Epilepsy; International Ambassador for Epilepsy Award, Int. League Against Epilepsy, American Epilepsy Society Annual Service Award 2004, Editor-in-Chief, Epilepsia, Endowed Professorship, Stanford. American Epilepsy Society Award for Best Clinical Research (annual for 2006, international); Castle Connolly, America Top Docs, 2001-2006, Neurology Departmental teaching award 2006. Editor-in-Chief, epilepsy.com. Gloor Award from the American Society of Clinical Neurophysiology (EEG Society annual award).

B. Selected peer-reviewed publications (in chronological order). Do not include publications submitted or in preparation. **Past 3 years of 130 peer-reviewed articles, 42 chapters, 139 abstracts.**

103. Stein AG, Eder HG, Jones D, Drachev A, Blum DE, Fisher RS. An automated drug delivery system for the treatment of intractable focal epilepsy. Epilepsy Research 2000;39:103-114.
104. Fisher RS, Vickrey BG, Gibson P, Hermann B, Penovich P, Scherer A, Walker S. The impact of epilepsy from the patient's perspective: I. Descriptions and subjective perceptions. Epilepsy Research 2000;41:39-51.
105. Fisher RS, Vickrey BG, Gibson P, Hermann B, Penovich P, Scherer A, Walker S. The impact of epilepsy from the patient's perspective. II. Views about therapy and health care. Epilepsy Research 2000; 41:53-61.
106. Wu J, Fisher RS. Hyperthermic spreading depressions in the immature hippocampal slice. J. Neurophysiol. 2000; 84:1355-60.
107. Fisher RS. Raising the bar on seizure control. Epilepsy & Behavior 2000; 1:212-214.
108. Fisher RS. Epilepsy from the patient's perspective: Review of results of a community-based survey. Epilepsy & Behavior 2000;1:S9-S14.
109. Fisher RS, Sachdeo RC, Pellock J, Penovich PE, Magnus L, Bernstein P. Rapid initiation of gabapentin: a randomized, controlled trial. Neurology 2001;56:743-748.
110. Fisher RS. The Etiology and Mechanisms of Symptomatic Acute Seizures. Neurologia 16 (Suppl 2), 2001.
111. Fisher RS, Bortz, J., Blum D, Duncan B, Burke H. A pilot study of donepezil for memory problems in epilepsy. Epilepsy & Behavior 2:330-334, 2001.
112. Wu J, Javedan S, Ellsworth K, Smith K and Fisher RS. Gamma Oscillation Underlies Hyperthermia-induced Epileptiform-like Spikes in Immature Rat Hippocampal Slices. BMC Neuroscience 2:18, 2001. (http://www.biomedcentral.com/1471-2202/2/18).
113. Javedan S, Fisher RS, Eder HG, Smith K, & Wu J. Cooling Abolishes Neuronal Network Synchronization in Rat Hippocampal Slices. Epilepsia 43(6):574-580, 2002.
114. Fisher RS, Ho J. Potential New Methods for Antiepileptic Drug Delivery. CNS Drugs 2002: 16:579-593.
115. Prigatano G, Stonnington CM, Fisher RS. Psychological factors in the genesis and management of nonoepileptic seizures: clinical observations. Epilepsy & Behavior 3: 343-349, 2002.
116. Rodrigues KM, Callanan MA, Risinger M, Fisher RS. Should physicians be responsible for reporting their patients to the DMV? California Physician 2003, on-line at http://www.calphys.org/html/bb007.aspBy.
117. Drazkowski JF, Fisher RS, Sirven JI, Demaerschalk BM, Uber-Zak L, Hentz JG, Labiner D. Seizure-related motor vehicle crashes in Arizona before and after reducing the driving restriction from 12 to 3 months. Mayo Clin Proc 2003;78:819-25.

118. Wu J, Ellsworth K, Ellsworth M, Schroeder KM, Smith K, Fisher RS. Abnormal benzodiazepine and zinc modulation of GABA-A receptors in an acquired absence epilepsy model.. Brain Research 2004; 1013:230-40.
119. Anschel DA, Ortega EL, Kraus AC, Fisher RS. Focally injected adenosine prevents seizures in the rat. Experimental Neurology, 2004;190:544-547.
120. Fisher RS, van Emde Boas W, Blume W, Elger C, Genton P, Lee P, Engel J Jr. Epileptic Seizures And Epilepsy: Definitions proposed by The International League Against Epilepsy (ILAE) and the International Bureau For Epilepsy (IBE). Epilepsia 2005;46:470-472.
121. Wu J, Takeo T, Wakuia M, Ellsworth K, Fisher RS. Intracellular energy failure does not underlie hyperthermic spreading depressions in immature rat hippocampal slice. Brain Research, in press, 2003.
122. Theodore WH and Fisher RS. Brain stimulation for epilepsy. Lancet Neurology 2004 ; 3 :111-8.
123. Kerrigan JF, Litt B, Fisher RS, Cranstoun S, French JA, Blum DE, Dichter M, Shetter A, Baltuch G, Jaggi J, Krone S, Brodie MA, Rise M, Graves N. Electrical stimulation of the anterior nucleus of the thalamus for the treatment of intractable epilepsy. Epilepsia 2004; 45:346-354.
124. Oommen J, Morrell M, Fisher RS. Experimental Electrical Stimulation Therapy for Epilepsy. Curr Treat Options Neurol. 2005;7:261-271.
125. Chen DK, So YT, Fisher RS. Use of serum prolactin in diagnosing epileptic seizures: Report of the Therapeutics and Technology Assessment Subcommittee of the American Academy of Neurology Neurology. 2005; 65: 668 - 675.
126. Fisher RS, Harding G, Wilkins AJ, Erba G, Barkley G. Photic- and pattern-induced seizures: a report by the Epilepsy Foundation of America Working Group. Epilepsia 2005; 46: 1426-41.
127. Graves NM, Fisher RS. Neurostimulation for epilepsy, including a pilot study of anterior nucleus stimulation. Clinical Neurosurgery 2005; 52:1-8.
128. Huifang L, Kraus A, Wu J, Huguenard J, Fisher RS. $GABA_A$ receptors in thalamus in a model of acquired absence epilepsy in the rat. Neuropharmacology 2006;51:121-8.
129. Stonnington CM, Barry JJ, Fisher RS. Nonepileptic seizures: Clinical case conference: Conversion disorder. American Journal of Psychiatry 2006; 163:1510-1517.
130. Fife TD, Fisher RS, Blum DE. Measuring effects of antiepileptic medication on balance in older people. Epilepsy Research 2006;70:103-9.
131. Fisher RS, Chen DK. New routes for delivery of anti-epileptic medications. Acta Neurologica Taiwanica 2006;15:225-31.
132. Li H, Huguenard JR, Fisher RS. Gender and age differences in expression of $GABA_A$ receptor subunits in rat somatosensory thalamus and cortex in an absence epilepsy model, In revision, Neurobiology of Disease 2007;25:623-30.
133. Oommen J, Kraus A, Fisher RS. Intraventricular perfusion of gabapentin in the rat increases fluorothyl seizure threshold. Neuroscience Letters 2007;417:308-11.
134. Bacon D, Fisher RS, Morris JC, Rizzo M, Spanaki MV. American Academy of Neurology position statement on physician reporting of medical conditions that may affect driving competence. Neurology 2007;68:1174-1177.
135. Fisher RS and Leppik I. When does a seizure imply epilepsy? Epilepsia, 2008;49 Suppl 9:7-12.
136. Barry JJ, Wittenberg D, Bullock KD, Michaels JB, Classen CC, Fisher RS. Group therapy for patients with psychogenic non-epileptic events – a pilot study. Epilepsy & Behavior 2008;13:624-9.
137. Fisher RS. What clinicians want to know from epilepsy researchers. Epilepsia, in press 2009.
138. Fisher RS and the SANTE Study Group. Electrical stimulation of the anterior nucleus of thalamus for treatment of refractory partial epilepsy. Submitted, 2009.