BIOGRAPHICAL SKETCH

Give the following information for the key personnel and consultants and collaborators. Begin with the principal investigator/program director. Photocopy this page for each person

NAME	POSITION TITLE
Sirois, Jay Edward	Research Associate

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

INSTITUTION AND LOCATION	DEGREE	YEAR CONFERRED	FIELD OF STUDY
Northeastern University, Boston MA	B.S.	1990	Toxicology
Michigan State University, East Lansing MI	Ph.D.	pending	Pharmacology and Toxicology

RESEARCH AND PROFESSIONAL EXPERIENCE: Concluding with present position, list, in chronological order, previous employment, experience, and honors. Key personnel include the principal investigator and any other individuals who participate in the scientific development or execution of the project. Key personnel typically include all individuals with doctoral or other professional degrees, but in some projects will include individuals at the masters or baccalaureate level provided they contribute in a substantive way to the scientific development or execution of the project. Include present membership on any Federal Government Public Advisory Committee. List, in chronological order, the titles, all authors, and complete references to all publications during the past three years and to representative earlier publications pertinent to this application. If the list of publications in the last three years exceeds two pages, select the most pertinent publications. DO NOT EXCEED TWO PAGES.

PROFESSIONAL EXPERIENCE

1995-present	Graduate Assistant, Department of Pharmacology and Toxicology, Michigan State University, East Lansing, MI
1990-1991	Research Technician, Brigham and Womens Hospital, Center for Neurological Disease, Boston MA
1989-1990	Technician, Krueger Food Laboratories, Cambridge MA

HONORS:

1991-1995	NIH Predoctoral Fellow, Department of Pharmacol. and Toxicol., Environmental Toxicology Program, Michigan State University, East Lansing, MI

PROFESSIONAL SOCIETIES AND RELATED ORGANIZATIONS:

1993-present	Society for Neuroscience
1993-present	Society of Toxicology

PUBLICATIONS

Publications

1. Ganey, P.E., **Sirois, J.E.**, Denison, M., Robinson, J.P. and Roth, R.A. Neutrophil function after exposure to polychlorinated biphenyls *in vitro*. *Env. Health Pers.* **101**: 430-434, 1993
2. **Sirois, J.E.** and Atchinson, W.D. Effects of mercurials on ligand- and voltage-gated ion channels; a review. *Neurotoxicology* **17**: 63-84, 1996.

Abstracts

1. **Sirois, J.E.**, Schwartz, D.E., Roth, R.A. and Ganey, P.E. Neutrophil (PMN) function after exposure to polychlorinated biphenyls (PCBs) in vitro. *The Toxicologist* **13**: 420, 1993.
2. **Sirois, J.E.** and Atchison, W.D. Subchronic methylmercury (MeHg) exposure alters Ca2+ release from an IP3-sensitive store in NG108-15 cells. *Soc. Neurosci. Abstr.* **20**: 1652, 1994.
3. **Sirois, J.E.**, Bickmeyer, U. and Atchison, W.D. Methylmercury modulation of whole cell outward current in cerebellar granule cells. *The Toxicologist* **15**: 14, 1995.
4. **Sirois, J.E.** and Atchison, W.D. Methylmercury (MeHg)-induced inhibition of whole cell potassium (K^+) current in rat cerebellar granule cells. *Soc. Neurosci. Abstr.* **21**: 1984, 1995.
5. **Sirois, J.E.** and Atchison, W.D. Methylmercury (MeHg) decreases whole cell barium current (I_{Ba2+}) in cerebellar granule cells. *The Toxicologist* **16**: 26, 1996.