



Department of Emergency Medicine

JOHN SKJAERLUND, M.D. RESEARCH FELLOWSHIP

Dr. John Skjaerlund was an accomplished scholar and an Assistant Professor in the Department of Emergency Medicine (DEM) at Wayne State University (WSU). He earned his Ph.D. in Experimental Pathology, M.S. in Physics, and also completed D.V.M. and M.D. degrees. He completed his Emergency Medicine Residency at Wayne State University / Detroit Medical Center in June of 1989. Shortly thereafter, he joined the department as a faculty member. He served as an investigator in the Emergency Medicine Basic Science Laboratory from December 1989 to July 1992, and made significant contributions to the department's research efforts. Dr. Skjaerlund was a compassionate and caring physician who was well-liked and respected by his colleagues. Tragically, Dr. Skjaerlund passed away while mountain-climbing in the summer of 1992.

The John Skjaerlund, M.D. Endowed Medical Student Research Fellowship has been established in his memory to encourage medical students and emergency medicine residents to pursue mentored research activities within the Department of Emergency Medicine. The term of the fellowship is one academic year.

Requirements:

- 1.) The applicant must be a currently-enrolled medical student at Wayne State University School of Medicine, or currently participating in a WSU-affiliated emergency medicine residency program.
- 2.) The applicant must submit a brief description of the proposed research project, using the form provided, sponsored by an eligible WSU DEM faculty mentor. The project outlined in the applicant's research proposal must be related to some aspect of medical care for patients seen in the emergency department. The selection committee will prioritize those proposals that relate to the mentor's areas of demonstrated expertise.
- 3.) The applicant's responsibilities for the proposed project must be crucial to the success of the research project. This can include, but is not limited to, data collection, data analysis, drafting manuscripts, or preparing other presentations. The scope of this project should be equivalent to a summer externship, or 8-10 weeks of full-time effort.
- 4.) The project must revolve around some original hypothesis or objective, and cannot simply be completing work on a project that has already begun. While projects may be derived from the mentor's existing or ongoing research, there must be some aspect of the research that is unique to the proposed project.
- 5.) The project may not be funded through any other mechanism.

Application for Skjaerlund Fellowship

Applicant's Name: _____

Current Level of Training: (MS = Medical Student, PGY = Resident)

- | | | |
|--------------------------------|--------------------------------|--------------------------------|
| <input type="checkbox"/> MS-1 | <input type="checkbox"/> MS-2 | <input type="checkbox"/> MS-3 |
| <input type="checkbox"/> PGY-1 | <input type="checkbox"/> PGY-2 | <input type="checkbox"/> PGY-3 |

WSU Email Address: _____ Cell Phone Number: _____

Alternate Email Address: _____

Mentor:

- | | |
|--|--|
| <input type="checkbox"/> Jeffrey A. Kline, MD | <input type="checkbox"/> Anne M. Messman, MD |
| <input type="checkbox"/> Robert R. Ehrman, MD | <input type="checkbox"/> Brian J. O'Neil, MD |
| <input type="checkbox"/> Mark J. Favot, MD | <input type="checkbox"/> James H. Paxton, MD |
| <input type="checkbox"/> V. Arun Kumar, MD | <input type="checkbox"/> Claire L. Pearson, MD |
| <input type="checkbox"/> Anthony T. Lagina, MD | <input type="checkbox"/> Robert L. Sherwin, MD |
| <input type="checkbox"/> Phillip D. Levy, MD | <input type="checkbox"/> Robert D. Welch, MD |
| Michael Twiner, MD | |

I hereby confirm that all of the information contained in this application and the accompanying *curriculum vitae* is complete and accurate, to the best of my knowledge. I understand that providing information that is incomplete or inaccurate may lead to delay or rejection of my application.

Signature of Applicant

Date of Submission: _____

Application for Skjaerlund Fellowship

Description of Proposed Research Project: To be completed by the applicant after consultation with the research mentor. Provide a narrative description of the proposed summer research project by addressing each item in the outline below. The project should be achievable within an 8-10 week period, although the work may be performed at any time during the duration of the 1-year fellowship period.

Title of Project:

A.) **Hypothesis and Specific Aims.** (Please do not include more than 2-3 Specific Aims)

B.) **Scientific Premise of Proposal.** (What knowledge already exists in this area, and what are the relative strengths and weaknesses of the existing knowledge? How will this research add to that knowledge, or build on previous work?)

C.) **Significance of the Proposed Research.** (What is the likely impact of the knowledge gained from this research project on the health of society, or on current clinical practice?)

D.) **Experimental Design and Methods.** (How will the research be completed?)

E.) **Plan for Statistical Analysis.** (Include any relevant statistical methods that are contemplated, who will be performing the statistical analysis, and which software programs to be used; etc)

F.) **Publication or Presentation Plan.** (If appropriate, when will the results of this research be published or presented, and will the applicant be included on the author list?)

G.) **Role of the Student in the Project.** (Please describe exactly what the role and responsibilities of the applicant will be for this project)

H.) **References.**