

Johns Hopkins Simulation Fellowship: Request for Applications

The Johns Hopkins Medicine Simulation Center is excited to announce a request for applications for our inaugural position in the Johns Hopkins Simulation Fellowship. The vision for this fellowship is to train the next generation of simulation leaders who will advance the science and transform the field of medical simulation, thus increasing the impact simulation will make on medical education science and patient safety. Fellows will have access and weekly exposure to and mentoring from the faculty and staff of a world-class simulation center. This team has repeatedly been awarded “Best Overall Research Abstract” at the International Meeting on Simulation in Healthcare, led numerous national and international workshops and published prolifically in the field of medical simulation. The team has advanced training in medical education, and various research methodologies including epidemiology and biostatistics. While the fellow may choose, with the guidance of their mentor, the area of simulation expertise they wish to develop, our Simulation Center has particular interest and expertise in the following areas: improving the quality of cardiopulmonary resuscitation received by patients around the world, teamwork in complex clinical situations, simulation in low resource areas, human factors research and methods to develop compassionate communication.

In order to prepare the fellow to make substantial contributions to medical simulation and develop a unique area of expertise that will enable such transformative capabilities, the fellow will be required to be enrolled in an advanced degree program. Enrollment in this educational program will occur simultaneously with participation in practical experiences that will be attained through involvement in the Simulation Center operations as well as in their independent research and/or education project.

This fellowship will combine funds to support living expenses, defray tuition costs and provide a small research expense and travel stipend. The fields of advanced study to help develop the simulation scientist and/or educator include but are not limited to: medical education, biomedical engineering, epidemiology, health policy and management, nursing, medical informatics, etc...

The fellowship is a two-year program. The applicant may be a full time student/fellow, but we also encourage applications from clinicians, (i.e. nurse, physician, respiratory therapist, paramedic, etc...) post-doctoral fellows or other types of positions the applicant may hold for clinical experience and for salary support. However, the fellow *must* be able to dedicate at least 75% of their time to pursuit of their advanced degree and other requirements of the fellowship program during the two-year commitment.

Requirements of the program include:

- attendance at weekly Simulation Center staff meetings and research team meetings
- arrangement & administration of monthly simulation journal clubs

- involvement in Simulation Center ongoing operations, educational or research and development projects appropriate to their area of study
- publication of at least 2 manuscripts per year x 2 years of program
- attendance and ideally presentation of their original simulation work to at least one national or international meeting per year

The fellowship includes formal mentorship in:

- operations of a large Simulation Center
- design and conduct of simulation research, education and program/product evaluation, instructional design and curriculum development
- manuscript writing
- grant writing
- presentation of work at national/international meetings
- professional networking

The fellowship funding includes \$40,000 per year x 2 years:

- \$3,000 for registration and travel to a national conference
- \$5,000 for research related equipment and/or expenses
- \$32,000 for tuition support and living expenses

This fellowship is targeted to begin September 1, 2010. Thus, our inaugural fellow must already be accepted into an advanced degree program as described earlier. The program may be a Masters or Doctoral program of The Johns Hopkins University, but other accredited universities will be considered as well. The applicant must provide proof of acceptance into their program and a letter that indicates approval and support of their involvement in this fellowship from any academic programs in which they are participating. In addition, a post-doctoral fellow must provide a letter of support from their fellowship director and members of clinical Departments must provide letters of support from their Department Chairs, specifically related to ensuring the fellow will have 75% time protected to devote to advanced degree program and fellowship requirements.

A complete application will include:

- Personal statement:
1 to 3 pages describing why the applicant is interested in medical simulation, how this program will help them be able to transform the field and unique characteristics they will bring to the program
- Letters of Recommendation (2 to 3):
Highlighting reasons why they believe the applicant has characteristics that will enable the fellow to make major contributions and transform the field of simulation in the future

- CV:
Highlighting education, work experience, research experience, publications, experience with simulation related activities
- Advanced degree program:
Proof of acceptance/enrollment, will require subsequent letter from program director approving involvement in fellowship simultaneous with school program.

Please submit an electronic copy of all materials to the Administrator of the Johns Hopkins Medicine Simulation Center, Dru Holehan, at: mholeha1@jhmi.edu by July 23, 2010. Notification of the fellowship awardee will be ~ August 2, 2010.

Please direct any questions about the fellowship to the Director of the Johns Hopkins Medicine Simulation Center, Dr. Elizabeth Hunt, at ehunt@jhmi.edu and cc Merona Hollingsworth at mhollin2@jhmi.edu. Please write "SIM FELLOWSHIP QUESTION" in the subject line.