Limited Submissions

Sponsor: PhRMA Foundation
Program: Informatics

Estimated Award Amount: $40,000 (direct costs only)
JHU Nomination Limit: 2
For More Detailed Information Click Here

Opportunity Summary:
The goal of the Informatics awards program is to promote development and use of novel informatics in an integrative approach toward understanding normal processes of human biology and disease processes.

Informatics awards support career development of scientists engaged in research that significantly integrates state-of-the-art information technology developed with advanced biological, chemical, and pharmacological sciences in the following areas:

• Genetics Proteomics
• Molecular Systems Biology
• Medical (human) Pathways and Networks
• Pharmaco- Integrative Biology
• Population Modeling and Simulation
• Novel approaches to the analysis of Big Data
• Genomics Molecular Epidemiology (functional, structural, toxico-, pharmaco-, comparative)

Eligibility & Requirements:
• This program supports full-time, in-residence students who will have completed most of their pre-thesis requirements (at least two years of study) and be engaged in thesis research as PhD candidates by the time the award is activated.
• Students just beginning graduate school should not apply. A candidate enrolled in an M.D./Ph.D. program should not be taking required clinical coursework or clerkships while the fellowship is active. An individual may not simultaneously hold or interrupt any other fellowship providing stipend support while the PhRMA Foundation fellowship is active.
• For applications to be considered, proposals must contain innovative informatics components and not solely apply bioinformatics methodologies to experimental data analysis.
• The use of non-human model systems must be described in terms of its relationship to human biology and disease.
• All applicants must be U.S. citizens or permanent residents.

Internal Nomination Process:
Interested applicants should submit the following documents:

1. JHU Limited Submission Cover Sheet
2. Letter of application (maximum of two pages of text only, single spaced: 12-pt font and one-inch margins) Describe why you are pursuing doctoral study, factors that led you to pursue this career path, academic study plans, goals after program and research interests.
3. Project thesis description: a detailed description of the thesis project, including objectives, rationale, methods of approach, preliminary results (with the normal 2 pages, single-spaced, etc.)
4. Curriculum Vitae of investigator, including current external research support and publications
5. Letter of reference from student’s thesis advisor

Questions? Comments? Email the Research Development Team at resapp@jhu.edu.