NSF Research Experiences for Undergraduates (REU)
Center for Neuroimaging
Center for Computational Biology and Bioinformatics
Indiana University School of Medicine (IUSM)

Goals: The general goals are to provide qualified undergraduates with an opportunity to
- Gain direct research experience in computational methods for mining electronic health record data
- Learn tools and skills that will promote successful admission to post-baccalaureate programs
- Explore a career in computational science with focus on data mining in biomedicine

Activities: Students will participate in various research-related activities:
- Mentored research on a chosen topic in the scope of an NSF project (http://www.iu.edu/~d3i/)
- Apply the proposed methods and tools to analyze real world data sets
- Package the methods and tools used in the analyses into a user-friendly prototype toolkit
- Attend weekly group meetings and learn ongoing research activities in the lab

Eligibility: Applicants must be
- Citizens or permanent residents of the United States or its possessions
- Undergraduate students enrolled in an accredited college/university, majoring in computer science, informatics, or relevant quantitative science and engineering area

Preference: Preference will be given to
- Students with clear motivation to join a Ph.D. program
- Students with excellent academic performance
- Students with experience in programming and algorithm designing
- Students with experience in relevant areas (e.g., data mining, biomedical informatics)
- Students from underrepresented groups in Computer Science

How to Apply: Interested candidates should forward their resumes and a list of three references to:

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Indiana University is an AA/EOE employer, M/F/D.