Grants and Funding at National Library of Medicine

IEEE international conference on bioinformatics & biomedicine

November 3, 2009

Jane Ye, Ph.D.
Program Officer
Extramural Programs, NLM
Types of NLM grant programs

- Research Grants
- Resource Grants
- Training Support
- Career Development Support
- Conference Grant
- Small Businesses R&D Support
NLM grants budget for FY 2008

Grants Total: $53 Million
NLM’s university-based biomedical informatics research training programs
Areas of emphasis of NLM biomedical informatics research training programs

- Bioinformatics and computational biology
- Clinical research translational informatics
- Healthcare informatics
- Public health informatics
Trainees funded by NLM for FY2008

- Pre-doctoral trainees: 186
- Post-doctoral trainees: 79
- Short-term trainees (full-time equivalent): 8
NLM biomedical informatics resource grants as an enabling research infrastructure for scientific discovery

- Database of Repetitive Sequences
- The Restriction Enzyme Database
- Biological Magnetic Resonance Data Bank
- Center for Critical Assessment of Structure Prediction
- A Resource for Biomedical Ontologies and Knowledge Bases

NLM is not funding development of new resources. Only the existing awardees remain eligible to apply to the program for continuation funding.
Inter-agency collaboration on building computing and data infrastructure

- **National Science Foundation (NSF)**
  - Protein data bank (Cooperative agreement)
- **Agency for Healthcare Research and Quality (AHRQ)**
  - Improving clinical guideline development and implementation (G08)
- **Defense Advanced Research Projects Agency (DARPA)**
  - Development of medical emergency disaster response network (STTR)
- **Social Security Administration (SSA)**
  - Investigate the use of medical NLP technology to analyze data collected by SSA in adjudication of disability claims related to cardiovascular disease (R01)
- **Department of Human Health Service (DHHS)**
  - Building an integrated view of influenza outbreaks in space and time (R01)
Examples of NLM funding opportunities

- **NLM express research grant in biomedical informatics and bioinformatics (R01)**
  Support for vigorous research in biomedical informatics and bioinformatics

- **Exceptional, unconventional research enabling knowledge acceleration (EUREKA) (R01)**
  Support for exceptionally innovative research on intelligent search tool for answering clinical and biomedical research questions

- **NLM applied informatics Grants (G08)**
  Help organizations use information technology to optimize the utility of clinical and research information
Visit NLM grants and funding opportunities at

http://www.nlm.nih.gov/ep

- Grant programs
- Funding opportunities
- Recent awards
- Deadlines and forms
- Program contacts
- FAQ