Diversity of Informatics Conference
Registration Form

Name______________________________________
Title______________________________________
Company/Institution__________________________
Dept_______________________________________
Mailing Address_______________________________
City_________________________ State Zip_______
Office Phone_____ Fax_______________
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Please check the track you are most interested in attending
☐ Track A  ☐ Track B  ☐ Track C  ☐ Track D

Conference Registration Fee: $100

Method of Payment
☐ Check - Make payable to Nebraska EPSCoR
☐ Cost Object/WBS Element Number __________________________
☐ Other______________________________

Please indicate your T-shirt size
☐ Medium  ☐ Large  ☐ X-Large  ☐ XX-Large

Registration deadline is March 15, 2002. Mail registration form to: Nebraska EPSCoR, UNL, 203 Whittier Bldg., Lincoln, NE 68583-0848

Visit our web site for more information www.unl.edu/nepscor/conference/. Or contact the Nebraska EPSCoR office with questions:
203 Whittier Bldg., University of Nebraska-Lincoln, Lincoln, NE 68583-0848;
phone: (402) 472-8946
fax: (402) 472-8948
e-mail: epscor@unl.edu

Embassy Suites Hotel
Lincoln, Nebraska

April 4 & 5, 2002

Ninth Annual Conference
Sponsored by Nebraska EPSCoR (Experimental Program to Stimulate Competitive Research) and the National Science Foundation

http://www.unl.edu/nepscor/conference/
Thursday, April 4

**Diversity of Informatics Program**

### Bioinformatics: Algorithms
**Track (A)**
- **8:00-8:15** Welcome
- **8:15-9:00** Bioinformatics Plenary Session: "Data-Driven Discovery of Protein Structure-Function-Relationships"
  - Vasant Hinavar, Iowa State Univ

### Bioinformatics: In Silico Biology
**Track (B)**
- **9:15-9:45** Bioinformatics Plenary Session: "Structural Proteomics By Machine Learning Methods"
  - Pierre Balle, Univ of California, Davis

### Secure Distributed Information
**Engineering Informatics and Beyond Track (C)**
- **9:45-10:00** Session 3: On Recognizing Protein Families with Low Primary Sequence Conservation
  - Stephen Scott, Univ of Neb-Lincoln
- **10:00-10:45** Session 4: On the Development of an Integrated Genomic Databases and Alignment Tools
  - Hesham Al, Univ of Neb- Omaha

### Scalable Enterprise Systems
**Track (D)**
- **10:45-11:30** Session 5: Automation of Primer Selection in a Large-Scale Microarray Project
  - Mark Pauley, Univ of Neb- Omaha
- **12:00-13:00** Lunch

### Bioinformatics: In Silico Biology
**Track (C)**
- **1:15-2:00** Session 6: Statistical Considerations in Genetic Research
  - Gielg Haynatzki, Creighton Univ
- **2:00-2:30** Session 7: Modeling the Michael Addition of Nucleosides to Estrogen Quinones
  - Douglas Stack, Univ of Neb-Omaha

### Secure Distributed Information
**Engineering Informatics and Beyond Track (D)**
- **2:30-3:15** Session 8: "Toward a Computed Peptide Structure Database"
  - Gregory Chass, Creighton Univ
- **3:15-4:00** Session 9: "Bioinformatics to Support Analysis of Genes and Prediction of Protein Function by Computational Tools for Materials Physics Modeling"
  - John W. Mintmire, Oklahoma State Univ

### Scalable Enterprise Systems
**Track (D)**
- **4:00-4:30** Session 10: "Logistical Networking: An End-to-End Approach to Storage"
  - Michael Buhler, Univ of Neb-Omaha
- **4:30-5:00** Session 11: "ERP and Organizational Innovation: Integrating Virtual Collaboration with Enterprise Resource Planning Systems"
  - Keng Siau, Univ of Neb-Lincoln

### Diversity of Informatics Program
- **5:00-5:30** Poster Session with reception
- **5:30-6:00** Poster Session with reception

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**FUNDING OPPORTUNITIES**

- **8:00-8:30** Fae Korsmo, NSF EPSCoR, Program Director, "An Introduction to NSF and Its Peer Review Process"
- **8:30-8:50** Eugene Bruce, NSF, Program Director, Integrative Biology & Neuroscience
- **8:50-9:10** C. Suzanne Iacono, NSF, Program Director, Digital Society and Technologies
- **9:10-9:30** Xiaodong Zhang, NSF, Program Director, Advanced Computational Research
- **9:30-9:45** Break
- **9:45-10:05** Sylvia Spengler, NSF, Program Director, Biological Databases and Informatics
- **10:05-10:25** James Cassatt, NIH, Director, Center for Bioinformatics
- **10:25-10:45** Jean C. Bonney, NSF, Program Manager, Small Business Innovation Research Program
- **10:45-11:05** Janet M. Twomey, NSF, Program Director, Manufacturing Enterprise Systems
- **11:05-11:30** Groups meet with Program Director of their choice
- **11:30-1:00** Lunch
- **1:00-1:45** David Stanley, Univ of Nebraska-Lincoln; "Strategies in Grant Writing"
- **1:45-2:00** Break
- **2:00-2:30** NSF Grants & Agreements representative
- **2:30-3:00** Fastlane proposal process by Evelyn Baisley-Thomas, NSF, Fastlane Administration
- **3:00-3:30** Panel discussion with campus Grant Administrators Kathy Taggart, Creighton Univ; Norm Braaten, UNL; Mary Laura Farnham, UNO; and Deborah Vetter, UNMC

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For more information please visit our website [www.unl.edu/nepscor/conference/](http://www.unl.edu/nepscor/conference/)