SUMMARY OF
NIH BISTIC PLANNING GRANTS:
NATIONAL PROGRAMS OF EXCELLENCE IN
BIOMEDICAL COMPUTING AWARDS
FOR PROGRAM ANNOUNCEMENT PAR-00-102
NEWLY FUNDED IN FY 2003

The following text provides a summary of grant awards from BISTIC member institutes and centers for planning grants that will lead to national centers of excellence in biomedical computing in response to program announcement PAR-00-102. The objective of this program is to support planning grants for centers of excellence that will promote bio-informatics and bio-computational research that enables the advancement of biomedical research; develop useful and interoperable informatics and computational tools for biomedical research; establish mutually beneficial collaborations between biomedical researchers and informatics and computation researchers; and train a new generation of bio-informatics and bio-computation scientists.

Funded grants are listed below in alphabetical order by the principal investigator’s (PI’s) last name. Other information provided for each grant includes PI affiliation, grant title, application number, and funding organization.

1. PRINCIPAL INVESTIGATOR: BAHAR, IVET
   AFFILIATION: UNIVERSITY OF PITTSBURGH AT PITTSBURGH
   PROJECT TITLE: Multiscale Dynamics of Cell Cycle Control and Apoptosis
   GRANT NUMBER: 1-P20-GM-65805-1-A1

2. PRINCIPAL INVESTIGATOR: BRINKLEY, JAMES
   AFFILIATION: UNIVERSITY OF WASHINGTON
   PROJECT TITLE: Interdisciplinary Center for Structural Informatics
   GRANT NUMBER: 5-P20-LM-7714-1

3. PRINCIPAL INVESTIGATOR: GAVER, DONALD
   AFFILIATION: TULANE UNIVERSITY OF LOUISIANA
   PROJECT TITLE: Biocomputing: Integrating Molecular/Organ-Level Function
   GRANT NUMBER: 1-P20-EB-1432-1

4. PRINCIPAL INVESTIGATOR: HARRISON, ROBERT
   AFFILIATION: GEORGIA STATE UNIVERSITY
   PROJECT TITLE: Georgia State University Biomedical Computing Center
   GRANT NUMBER: 1-P20-GM-65762-1-A1

5. PRINCIPAL INVESTIGATOR: HOOD, LEROY
   AFFILIATION: INSTITUTE FOR SYSTEMS BIOLOGY
   PROJECT TITLE: Intelligent Information Systems for Systems Biology
6. PRINCIPAL INVESTIGATOR: KARP, RICHARD
AFFILIATION: UNIVERSITY OF CALIFORNIA BERKELEY
PROJECT TITLE: Genomics, Cis-Regulation and Genetic Variation
GRANT NUMBER: 1-P20-GM-68136-1-A1

7. PRINCIPAL INVESTIGATOR: KIM, JUNHYONG
AFFILIATION: UNIVERSITY OF PENNSYLVANIA
PROJECT TITLE: Comparative Approaches to Bio-knowledge Discovery
GRANT NUMBER: 1-P20-GM-69012-1

8. PRINCIPAL INVESTIGATOR: SALTZ, JOEL
AFFILIATION: OHIO STATE UNIVERSITY
PROJECT TITLE: Center for Grid-Enabled Medical Image Analysis
GRANT NUMBER: 1-P20-EB-591-1-A1

9. PRINCIPAL INVESTIGATOR: ZHANG, AIDONG
AFFILIATION: STATE UNIVERSITY OF NEW YORK AT BUFFALO
PROJECT TITLE: Computational Approaches to Disease Causes and Treatment
GRANT NUMBER: 1-P20-GM-67650-1-A1