

**SUMMARY OF
NIH BISTIC PLANNING GRANTS:
NATIONAL PROGRAMS OF EXCELLENCE IN
BIOMEDICAL COMPUTING AWARDS
FOR PROGRAM ANNOUNCEMENT PAR-00-102
NEWLY FUNDED IN FY 2002**

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: DELISI, CHARLES

AFFILIATION: BOSTON UNIVERSITY

PROJECT TITLE: Computational Methods for Cell Systems Analysis

GRANT NUMBER: 1-P20-GM-66401-1

2. PRINCIPAL INVESTIGATOR: IYENGAR, SRINIVAS

AFFILIATION: MOUNT SINAI SCHOOL OF MEDICINE OF NYU

PROJECT TITLE: MULTISCALE ANALYSIS OF COMPLEX PHYSIOLOGICAL SYSTEMS

GRANT NUMBER: 1-P20-HL-69733-1

3. PRINCIPAL INVESTIGATOR: JOHNSON, CHRISTOPHER

AFFILIATION: UNIVERSITY OF UTAH

PROJECT TITLE: Program for Comp.Functional Imaging and Visualization

GRANT NUMBER: 5-P20-HL-68566-2

4. PRINCIPAL INVESTIGATOR: MCDONALD, CLEMENT

AFFILIATION: INDIANA UNIV-PURDUE UNIV AT INDIANAPOLIS

PROJECT TITLE: Indiana Program of Excellence in Biomedical Computing

GRANT NUMBER: 1-P20-GM-66402-1

5. PRINCIPAL INVESTIGATOR: MILLER, PERRY
AFFILIATION: YALE UNIVERSITY
PROJECT TITLE: Planning a Biomedical Computing Center of Excellence
GRANT NUMBER: 3-P20-LM-7253-1-S1

6. PRINCIPAL INVESTIGATOR: SCHWABER, JAMES
AFFILIATION: THOMAS JEFFERSON UNIVERSITY
PROJECT TITLE: Computational Genomics of Complex Adaptive Integration
GRANT NUMBER: 1-P20-GM-67266-1

7. PRINCIPAL INVESTIGATOR: SHIN, DONG-GUK
AFFILIATION: UNIVERSITY OF CONNECTICUT STORRS
PROJECT TITLE: Integrated Bioinformatics Center of Cellular Biology
GRANT NUMBER: 1-P20-GM-65764-1

8. PRINCIPAL INVESTIGATOR: SNODDY, JAY
AFFILIATION: UNIVERSITY OF TENNESSEE KNOXVILLE
PROJECT TITLE: Bioinformatics for Mouse Phenotype Analysis
GRANT NUMBER: 1-P01-DA-15027-1

9. PRINCIPAL INVESTIGATOR: STEAD, WILLIAM
AFFILIATION: VANDERBILT UNIVERSITY
PROJECT TITLE: Linked Knowledge Model for Excellence in Bioinformatics
GRANT NUMBER: 1-P20-LM-7613-1

10. PRINCIPAL INVESTIGATOR: THOMPSON, JOE
AFFILIATION: MISSISSIPPI STATE UNIVERSITY
PROJECT TITLE: Computational Simulation in Environmental Health Science
GRANT NUMBER: 1-P20-ES-11278-1

11. PRINCIPAL INVESTIGATOR: TOGA, ARTHUR
AFFILIATION: UNIVERSITY OF CALIFORNIA LOS ANGELES
PROJECT TITLE: Computational Brain Biology from Genotype to Phenotype
GRANT NUMBER: 1-P20-MH-65166-1

12. PRINCIPAL INVESTIGATOR: WEINSTEIN, HAREL
AFFILIATION: MOUNT SINAI SCHOOL OF MEDICINE OF NYU
PROJECT TITLE: Multiscale Analysis of Complex Physiological Systems
GRANT NUMBER: 1-P20-HL-69733-1

13. PRINCIPAL INVESTIGATOR: WONG, WING
AFFILIATION: HARVARD UNIVERSITY (SCH OF PUBLIC HLTH)
PROJECT TITLE: Center for Computational Study of Biological Systems

GRANT NUMBER: 1-P20-CA-96470-1-A1