

**SUMMARY OF  
NIH BISTIC PLANNING GRANTS:  
CONTINUED DEVELOPMENT AND MAINTAINENCE OF BIOINFORMATICS  
AND COMPUTATIONAL BIOLOGY SOFTWARE  
FOR PROGRAM ANNOUNCEMENT PAR-05-057 (formerly PA-02-141)  
NEWLY FUNDED IN FY 2006**

The following text provides a summary of grant awards from BISTIC member institutes and centers for the maintenance of software in response to program announcement PAR-05-057. The objective of this program is support the continued development, maintenance, testing and evaluation of existing software that has become of use to a much broader community other than the members of the originating laboratory.

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: FEARN, PAUL A**

**AFFILIATION:** SLOAN-KETTERING INSTITUTE FOR CANCER RES

**PROJECT TITLE:** Caisis: An Integrated Information System for Clinical Research and Patient Care

**GRANT NUMBER:** 1 R01 CA119947-01

**2. PRINCIPAL INVESTIGATOR: FISCHL, BRUCE**

**AFFILIATION:** MASSACHUSETTS GENERAL HOSPITAL

**PROJECT TITLE:** Tools for Analyzing Cortical Structure and Connectivity

**GRANT NUMBER:** 1 R01 NS052585-01A1

**3. PRINCIPAL INVESTIGATOR: FRANK, LAWRENCE R.**

**AFFILIATION:** UNIVERSITY OF CALIFORNIA SAN DIEGO

**PROJECT TITLE:** Software for the Analysis and Visualization of High Angular Resolution DTI Data

**GRANT NUMBER:** 1 R01 MH075870-01A1

**4. PRINCIPAL INVESTIGATOR: MATHEWS, DAVID H**

**AFFILIATION:** UNIVERSITY OF ROCHESTER

**PROJECT TITLE:** Supporting RNAstructure: Software for RNA Analysis

**GRANT NUMBER:** 1 R01 GM076485-01A1

**5. PRINCIPAL INVESTIGATOR: MESIROV, JILL P.**

**AFFILIATION:** MASSACHUSETTS INSTITUTE OF TECHNOLOGY

**PROJECT TITLE:** Knowledge-based Gene Expression Analysis for Biomedical and Cancer Research

**GRANT NUMBER:** 1 R01 CA121941-01

**6. PRINCIPAL INVESTIGATOR: PAPADEMETRIS, XENOPHON**

**AFFILIATION:** YALE UNIVERSITY

**PROJECT TITLE:** Bioimage Suite: A structural, functional and metabolic image analysis platform

**GRANT NUMBER:** 1 R01 EB006494-01

**7. PRINCIPAL INVESTIGATOR: RICHARDSON, DAVID C**

**AFFILIATION:** DUKE UNIVERSITY

**PROJECT TITLE:** MolProbity Service and Related 3D-Analysis Resources

**GRANT NUMBER:** 1 R01 GM073919-01A1

**8. PRINCIPAL INVESTIGATOR: SCHALK, GERWIN**

**AFFILIATION:** WADSWORTH CENTER

**PROJECT TITLE:** BCI2000: Software for Brain-Computer Interface Research

**GRANT NUMBER:** 1 R01 EB006356-01

**9. PRINCIPAL INVESTIGATOR: SUBRAMANIAM, SHANKAR**

**AFFILIATION:** UNIVERSITY OF CALIFORNIA SAN DIEGO

**PROJECT TITLE:** Signaling Gateway

**GRANT NUMBER:** 1 R01 GM078005-01

**10. PRINCIPAL INVESTIGATOR: SUTTON, GRANGER GIDEON**

**AFFILIATION:** J. CRAIG VENTER INSTITUTE, INC.

**PROJECT TITLE:** Development of Celera Whole Genome Shotgun Assembler

**GRANT NUMBER:** 1 R01 GM077117-01

**11. PRINCIPAL INVESTIGATOR: WARFIELD, SIMON K**

**AFFILIATION:** CHILDREN'S HOSPITAL BOSTON

**PROJECT TITLE:** Bioinformatics Software for MRI of Brain Development

**GRANT NUMBER:** 1 R01 RR021885-01A1