

**SUMMARY OF
NIH BISTIC PLANNING GRANTS:
CONTINUED DEVELOPMENT AND MAINTAINENCE OF BIOINFORMATICS
AND COMPUTATIONAL BIOLOGY SOFTWARE
FOR PROGRAM ANNOUNCEMENT PA-02-141
NEWLY FUNDED IN FY 2003**

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 PA-02-141. 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: CHANEY, EDWARD

AFFILIATION: UNIVERSITY OF NORTH CAROLINA CHAPEL HILL

PROJECT TITLE: PlanUNC Research Platform for Radiotherapy Simulation

GRANT NUMBER: 1-R01-RR-18615-1

2. PRINCIPAL INVESTIGATOR: HENIKOFF, STEVEN

AFFILIATION: FRED HUTCHINSON CANCER RESEARCH CENTER

PROJECT TITLE: Maintenance of blocks-based tools for functional genomic

GRANT NUMBER: 1-R01-GM-68488-1

3. PRINCIPAL INVESTIGATOR: HINES, MICHAEL

AFFILIATION: YALE UNIVERSITY

PROJECT TITLE: Computer Methods for Physiological Problems

GRANT NUMBER: 2-R01-NS-11613-28

4. PRINCIPAL INVESTIGATOR: MURPHY, ROBERT

AFFILIATION: CARNEGIE-MELLON UNIVERSITY

PROJECT TITLE: ROBUST PORTABLE SOFTWARE FOR LOCATION PROTEOMICS

GRANT NUMBER: 1-R01-GM-68845-1

5. PRINCIPAL INVESTIGATOR: SACHS, RAINER

AFFILIATION: UNIVERSITY OF CALIFORNIA BERKELEY

PROJECT TITLE: Updating Chromosome Aberration Simulator (CAS) Software

GRANT NUMBER: 1-R01-GM-68423-1

6. PRINCIPAL INVESTIGATOR: SALZBERG, STEVEN

AFFILIATION: INSTITUTE FOR GENOMIC RESEARCH

PROJECT TITLE: Bioinformatics Software for Analyzing Microbial Genomes

GRANT NUMBER: 1-R01-LM-7938-1

7. PRINCIPAL INVESTIGATOR: SMIT, ARIAN

AFFILIATION: INSTITUTE FOR SYSTEMS BIOLOGY

PROJECT TITLE: Maintenance and Development of RepeatMasker and GESTALT

GRANT NUMBER: 1-R01-HG-2939-1

8. PRINCIPAL INVESTIGATOR: STILES, JOEL

AFFILIATION: CARNEGIE-MELLON UNIVERSITY

PROJECT TITLE: MCell/DReAMM: A Microphysiological Modeling Environment

GRANT NUMBER: 1-R01-GM-68630-1

9. PRINCIPAL INVESTIGATOR: SVOBODA, KAREL

AFFILIATION: COLD SPRING HARBOR LABORATORY

PROJECT TITLE: Open source software for laser scanning microscopy

GRANT NUMBER: 1-R01-EB-1464-1