SUMMARY OF
NIH SBIR INNOVATIONS IN BIOMEDICAL
INFORMATION SCIENCE AND TECHNOLOGY
AWARDS
FOR PROGRAM ANNOUNCEMENT PA-00-118
NEWLY FUNDED IN FY 2002

The following text provides a summary of grant awards from BISTIC member institutes and centers for innovative research in biomedical information science and technology in response to program announcement PA-00-118. The objective of this program is to support innovative information science and technology research within small businesses whose outcomes are likely to advance health or health-related research within the mission of the NIH.

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: BROWN, RONALD
AFFILIATION: AISN SOFTWARE
PROJECT TITLE: Improved Non-Linear Modeling
GRANT NUMBER: 1-R43-CA-94450-1

2. PRINCIPAL INVESTIGATOR: CHIAO, PING-CHUN
AFFILIATION: FRONTIER MEDICAL, LLC
PROJECT TITLE: Deployment Framework for Medical Imaging Applications
GRANT NUMBER: 1-R44-EB-149-1

3. PRINCIPAL INVESTIGATOR: FABER, VANCE
AFFILIATION: CYTOPRINT, INC.
PROJECT TITLE: Cellular Image Informatics for Delivery
GRANT NUMBER: 1-R44-NS-45384-1

4. PRINCIPAL INVESTIGATOR: FRAM, DAVID
AFFILIATION: LINCOLN TECHNOLOGIES, INC.
PROJECT TITLE: Next-Generation Safety Data Mining System
GRANT NUMBER: 1-R44-RR-17478-1

5. PRINCIPAL INVESTIGATOR: GILSON, MICHAEL
AFFILIATION: VERACHEM, LLC
PROJECT TITLE: Inexpensive Interactive Molecular Modeling Software
GRANT NUMBER: 2-R42-GM-62050-2-A1

6. PRINCIPAL INVESTIGATOR: HARRISON, MARY
AFFILIATION: FLINT HILLS SCIENTIFIC, LLC
PROJECT TITLE: Nonlinear dynamical seizure prediction and detection
GRANT NUMBER: 1-R43-NS-43100-1

7. PRINCIPAL INVESTIGATOR: HORNBECK, PETER
AFFILIATION: CELL SIGNALING TECHNOLOGY, INC.
PROJECT TITLE: Development of a Protein Phosphorylation Site
Database
GRANT NUMBER: 1-R43-GM-65768-1

8. PRINCIPAL INVESTIGATOR: MICHELSON, SETH
AFFILIATION: VISTAGEN THERAPEUTICS, INC.
PROJECT TITLE: Multivariate Analysis for Molecular Toxicology Screening
GRANT NUMBER: 1-R43-CA-94793-1

9. PRINCIPAL INVESTIGATOR: MOROSYUK, SVETLANA
AFFILIATION: DNA SOFTWARE, INC.
PROJECT TITLE: Development of Software for High-throughput PCR
Design
GRANT NUMBER: 1-R43-HG-2555-1

10. PRINCIPAL INVESTIGATOR: RAGHAVAN, RAGHU
AFFILIATION: IMAGE-GUIDED NEUROLOGICS, INC.
PROJECT TITLE: Systems for intra-parenchymal therapy delivery
GRANT NUMBER: 1-R44-NS-43105-1

11. PRINCIPAL INVESTIGATOR: SPRADLEY, LAWRENCE
AFFILIATION: RESEARCHSOUTH, INC.
PROJECT TITLE: Modern Design Software for Biomedical Devices
GRANT NUMBER: 1-R43-HL-70370-1

12. PRINCIPAL INVESTIGATOR: YUE, KAIZHI
AFFILIATION: CONFORMATIONAL SEARCH SOLUTIONS
PROJECT TITLE: Prioritized Assembly in Protein Conformational
Search
GRANT NUMBER: 1-R43-GM-65628-1

13. PRINCIPAL INVESTIGATOR: ZHAO, LUE PING
AFFILIATION: ENODAR BIOLOGIC CORPORATION
PROJECT TITLE: Gene Expression Data Analysis for Clinical Research
GRANT NUMBER: 1-R43-HG-2572-1