Intergovernmental Personnel Act
John M. Abowd, ILR Labor Economics
$384,590, Department of Commerce

An Advanced Materials Approach to Fuel Cell Technologies: Cornell Fuel Cell Institute, a Multidisciplinary Vision and a Change in Paradigm
Héctor D. Abruña, Cornell Center for Materials Research
$5,515,346, Department of Energy

Mars Aqueous Alteration from MGS/TES Data
James F. Bell, Center for Radiophysics and Space Research
$142,000, National Aeronautics and Space Administration

A Genetic and Molecular Analysis of the Role of Twins in Regulating Postembryonic Neurogenesis in the Fly Drosophila melanogaster
Ronald Booker, Neurobiology and Behavior
$425,405, National Science Foundation

Milk Quality Improvement Research
Kathryn J. Boor, Food Science
$615,570, NYS Department of Agriculture and Markets

Agricultural Input and Output Markets in East and Southern Africa
Ralph Christy, Applied Economics and Management
$59,241, Market Matters, Inc.

Real-Time Detection and Reporting of Northern Right Whale Using Passive Acoustics
Christopher W. Clark, Laboratory of Ornithology
$608,605, Department of Commerce

Sensors: Data-Driven Sensor Networks
Johannes Gehrke, Computing and Information Science
$500,000, National Science Foundation

X-Ray Detectors for Synchrotron-Based Structural Biology
Sol M. Gruner, Laboratory of Atomic and Solid State Physics
$1,217,883, Area Detector Systems Corporation

IGERT: Program in Nonlinear Systems
John M. Guckenheimer, Computing and Information Science
$3,338,800, National Science Foundation

Disk Scaling Relations and Their Application as Distance Indicators
Martha P. Haynes, Center for Radiophysics and Space Research
$218,917, National Science Foundation

Relationship between Protein Structure and Function
George P. Hess, Molecular Biology and Genetics
$1,238,221, Department of Health and Human Services

Developing Regional-Scale Stressor-Response Models for Managing Eutrophication in Coastal Marine Ecosystems, Including Interactions of Nutrients, Sediments, Land-Use Change, and Climate Variability
Robert W. Howarth, Ecology and Evolutionary Biology
$744,882, Environmental Protection Agency
Follicle Selection and Development in Chickens
Patricia A. Johnson, Animal Science
$260,000, U.S. Department of Agriculture

NIRT-Molecule Sensing and Actuation by CMOS Nonvolatile Charges with Independently Addressed Nanoscale Resolutions
Edwin Kan, Electrical and Computer Engineering
$1,200,000, National Science Foundation

ITR: Toward Autonomous Computing Platforms, System-wide Hardware/Software Performance Monitoring and Adaptation
Sally A. McKee, Electrical and Computer Engineering
$272,000, National Science Foundation

Collaborative Research: Descriptive and Theoretical Studies of N/U
Amanda L. Miller-Ockhuizen, Linguistics
$136,930, National Science Foundation

Dynamical Response of Carbon Nanotubes – Modeling, Simulations, and Experiments
Subrata Mukherjee, Theoretical and Applied Mechanics
$1,000,000, National Science Foundation

Ultrafast All Optical Switches, Modulators, and Wave Length Converters Based on Intersubband Transitions for TB/S Operation
Farhan Rana, Electrical and Computer Engineering
$270,000, National Science Foundation

SGER: Scalable Cooperative Communications in Adaptive Large Scale Networks Inspired by Natural Swarms
Anna Scaglione, Electrical and Computer Engineering
$75,001, National Science Foundation

Approximation Algorithms and Application in Network Games
Eva Tardos, Computer Science
$150,000, National Science Foundation

ITR: Innovative Computational Methods for General Relativity
Saul A. Teukolsky, Center for Radiophysics and Space Research
$270,000, National Science Foundation

Food and Waterborne Diseases Integrated Research Network – Part C Zoonoses Research Unit
Alfonso Torres, Population Medicine and Diagnostic Sciences
$6,624,145, Department of Health and Human Services

Biotechnology Resource Digital Electro-Optical Imaging
Watt W. Webb, Applied and Engineering Physics
$5,959,399, Department of Health and Human Services

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