| Investigator | Prime Institution | State | MURI Topic | Agency |
|------------------------|---------------------------------------|-------|---|-----------|
| David Mooney | University of Michigan | MI | Minimal Organotypic Cell System | Army |
| | University of Illinois at Urbana- | | | |
| Paul Braun | Champaign | IL | Self-Assembling Multifunctional Ceramic Composites | Army |
| | | | Fundamental Theoretical/Experimental Molecular | |
| Thomas Zawodzinski | Case Western Reserve University | OH | Underpinning Fuel Cell Systems | Army |
| | | | Laboratory Instrumentation Design Research (photon | |
| Jelena Vuckovic | Stanford University | CA | source) | Army |
| | | | Integrated Artificial Muscle, High Lift Bio-Dynamics | |
| Ian Hunter | Massachusetts Institute of Technology | MA | and Neuro Control | Navy |
| Mercouri Kanatzidis | Michigan State University | MI | Direct Thermal to Electric Energy Conversion | Navy |
| Ali Shakouri | University of California, Santa Cruz | CA | Direct Thermal to Electric Energy Conversion | Navy |
| | | | | |
| Wolfgang Porod | University of Notre Dame | IN | Image Processing Sensors for Autonomous Vehicles | Navy |
| | | | Synthesis of Long-Chained Sequence-controlled | |
| Robert H. Grubbs | California Institute of Technology | CA | Polymers | Navy |
| | | | Synthesis of Long-Chained Sequence-controlled | |
| David Liu | Harvard University | MA | Polymers | Navy |
| J. Cole Smith | University of Arizona | AZ | Hybrid Inferencing from Fused Information | Air Force |
| | | | Biologically Enabled Synthesis of Ceramic | |
| Kenneth H. Sandhage | Ohio State University | OH | Microdevices | Air Force |
| | | | Active Vision for Control of Agile Maneuvering Aerial | |
| Eric N. Johnson | Georgia Institute of Technology | GA | Vehicles | Air Force |
| | | | Laboratory Design Instrumentation Research | |
| Daniel van der Weide | University of Wisconsin, Madison | WI | (Nanoprobes) | Air Force |
| | | | Laboratory Design Instrumentation Research | |
| Lukas Novotny | University of Rochester | NY | (Nanoprobes) | Air Force |
| | | | Laboratory Design Instrumentation Research (Next | |
| William Alan Doolittle | Georgia Institute of Technology | GA | Generation Epitaxy) | Air Force |
| | | | | DARPA/Air |
| Jimmy Xu | Brown University | RI | Direct Nanoscale Conversion of Biomolecular Signals | Force |