

Dated: March 17, 2008.

**L.M. Bynum,**

*Alternate OSD Federal Register Liaison  
Officer, Department of Defense.*

[FR Doc. E8-5738 Filed 3-20-08; 8:45 am]

**BILLING CODE 5001-06-P**

## DEPARTMENT OF DEFENSE

### Department of Navy

#### Notice of Availability of Government-Owned Inventions; Available for Licensing

**AGENCY:** Department of the Navy, DoD.

**ACTION:** Notice.

**SUMMARY:** The inventions listed below are assigned to the United States Government as represented by the Secretary of the Navy and are available for licensing by the Department of the Navy.

The following patents are available for licensing: U.S. Patent Number 5,520,331 entitled "Liquid Atomizing Nozzle", issued on May 28, 1996; U.S. Patent Number 6,105,382 entitled "Chest Mounted Armored Microclimate Conditioned Air Device", issued on August 22, 2000; U.S. Patent Number 6,233,740 entitled "Aircrew Integrated Recovery Survival Vest", issued on May 22, 2001; U.S. Patent Number 6,241,164 entitled "Effervescent Liquid Fine Mist Apparatus and Method", issued on June 05, 2001; U.S. Patent 6,598,802 entitled "Effervescent Liquid Fine Mist Apparatus and Method", issued on July 29, 2003; U.S. Patent Number 6,659,963 entitled "Apparatus for Obtaining Temperature and Humidity Measurements", issued on December 09, 2003; U.S. Patent Number 7,010,399 entitled "Hybrid Lidar-Radar for Medical Diagnostics", issued on March 07, 2006; U.S. Patent Number 7,025,304 entitled "Helicopter Messenger Cable Illumination", issued on April 11, 2006; U.S. Patent Number 7,156,161 entitled "Lightweight Thermal Heat Transfer Apparatus", issued on January 02, 2007; U.S. Patent Number 7,176,812 B1 entitled "Wireless Blade Monitoring System and Process", issued on February 13, 2007; U.S. Patent Number 7,180,442 B1 entitled "Target Identification Method Using Cepstral Coefficients", issued on February 20, 2007; U.S. Patent Number 7,225,999 entitled "Spray Array Apparatus", issued on June 05, 2007; U.S. Patent Number 7,239,311 entitled "Global Visualization Process (GVP) and System for Implementing a GVP", issued on July 03, 2007; U.S. Patent Number 7,284,600 B2 entitled "Process of Making a Lightweight Thermal Heat

Transfer Apparatus", issued October 23, 2007; U.S. Patent Number 7,331,183 B2 entitled "Personal Portable Environmental Control System", issued February 18, 2008; U.S. Patent Application Number 11/417,283 filed on May 01, 2006, Navy Case Number 83036 entitled "Imagery Analysis Tool"; U.S. Patent Number 11/820,034 filed on April 10, 2002, Navy Case Number 83825 entitled "System and Method of Operation thereof for Increasing Acoustic Bandwidth of Transmitting Devices"; U.S. Patent Application Number 11/001,599 filed on November 30, 2004, Navy Case Number 84051 entitled "Rapid Release Mechanism for Textile Apparel Pockets (Receptacles) and Packs (Stowage Receptacles); U.S. Patent Application Number 11/543,277 filed on October 06, 2006, Navy Case Number 84818 entitled "Method for Dyeing High Density Polyethylene Fiber Fabric"; U.S. Patent Application Number 11/726,204 filed on March 16, 2007, Navy Case Number 84896 entitled "Radar Altimeter Model for Simulator"; U.S. Patent Application Number 11/449,977 filed on August 03, 2006, Navy Case Number 84935 entitled "Cleaning Device for Fiber Optic Connectors"; U.S. Patent Application Number 11/251,535 filed on September 29, 2005, Navy Case Number 85000 entitled "Just In Time Wiring Information System (JITWIS)"; U.S. Patent Application Number 11/417,287 filed on May 01, 2006, Navy Case Number 95903 entitled "Bond Integrity Tool"; U.S. Patent Application Number 11/499,179 filed June 05, 2006; Navy Case Number 96399 entitled "Fluids Mixing Nozzle"; U.S. Patent Application Number 11/357,460 filed on February 14, 2006, Navy Case Number 96400 entitled "Apparatus and Method to Amalgamate Substances"; U.S. Patent Application Number 11/251,539 filed on October 03, 2005, Navy Case Number 96569 entitled "Method for Fabrication for a Polymeric Conductive Optical Transparency"; U.S. Patent Application Number 11/482,300 filed on July 11, 2006, Navy Case Number 96614 entitled "Embedded Dynamic Vibration Absorber"; U.S. Patent Application Number 11/801,771 filed on May 31, 2007, Navy Case 96940 entitled "Large Area Hybrid Photomultiplier Tube"; U.S. Patent Application Number 11/801,770 filed on May 31, 2007, Navy Case Number 96941 entitled "Gating Large Area Hybrid Photomultiplier Tube"; U.S. Patent Application Number 11/482,303 filed on July 11, 2006, Navy Case Number 97495 entitled "Hoisting Harness Assembly Tool"; U.S. Patent Application Number 11/481,227 filed

on July 07, 2006, Navy Case Number 97763 entitled "Portable Medical Equipment Suite"; U.S. Patent Application Number 11/789,120 filed on April 04, 2007, Navy Case Number 97943 entitled "Transceiver Optical Subassembly"; U.S. Patent Application Number 11/789,121 filed on April 04, 2007, Navy Case Number 97944 entitled "Hybrid Fiber Optic Transceiver Optical Subassembly"; U.S. Patent Application Number 11/726,202 filed on March 05, 2007 entitled "Image Enhancer for Detecting and Identifying Objects in Turbid Media"; U.S. Patent Application Number 11/789,119 filed on April 05, 2007, Navy Case Number 98491A entitled "Adjustable Liquid Atomization Nozzle"; U.S. Patent Application Number 11/789,118 filed on April 05, 2007, Navy Case Number 98491b entitled "Method of Producing and Controlling the Atomization of an Output Flow from a C-D Nozzle".

**ADDRESSES:** Request for data and inventor interviews should be directed to Mr. Paul Fritz, Naval Air Warfare Center Aircraft Division, Business Office, Office of Research and Technology Applications, Building 505; Room 116, 22473 Millstone Road, Patuxent River, MD 20670, telephone: 301-342-5586 or e-mail: [Paul.Fritz@navy.mil](mailto:Paul.Fritz@navy.mil).

**DATES:** Request for data, samples, and inventor interviews should be made prior to May 30, 2007.

**FOR FURTHER INFORMATION CONTACT:** Mr. Paul Fritz, Office of Research and Technology Applications, Building 505; Room 116, Naval Air Warfare Center Aircraft Division, 22473 Millstone Road, Patuxent River, MD 20670, telephone: 301-342-5586, [Paul.Fritz@navy.mil](mailto:Paul.Fritz@navy.mil).

**SUPPLEMENTARY INFORMATION:** The U.S. Navy intends to move expeditiously to license these inventions. All licensing application packages and commercialization plans must be returned to Naval Air Warfare Center Aircraft Division, Business Office, Office of Research and Technology Applications, Building 505; Room 116, 22473 Millstone Road, Patuxent River, MD 20670.

The Navy, in its decisions concerning the granting of licenses, will give special consideration to existing licensees, small business firms, and consortia involving small business firms. The Navy intends to ensure that its licensed inventions are broadly commercialized throughout the United States.

PCT application may be filed for each of the patents as noted above. The Navy intends that licensees interested in a license in territories outside of the United States will assume foreign

prosecution and pay the cost of such prosecution.

**Authority:** 35 U.S.C. 207, 37 CFR Part 404.

Dated: March 17, 2008.

**T.M. Cruz,**

*Lieutenant, Judge Advocate General's Corps,  
U.S. Navy, Federal Register Liaison Officer.*

[FR Doc. E8-5735 Filed 3-20-08; 8:45 am]

**BILLING CODE 3810-FF-P**

## DEPARTMENT OF EDUCATION

### Office of Postsecondary Education; Overview Information; Fund for the Improvement of Postsecondary Education—Comprehensive Program; Notice Inviting Applications for New Awards for Fiscal Year (FY) 2008

Catalog of Federal Domestic Assistance  
(CFDA) Number: 84.116B.

**DATES:** *Applications Available:* March 21, 2008.

*Deadline for Transmittal of  
Applications:* May 5, 2008.

*Deadline for Intergovernmental  
Review:* July 7, 2008.

#### Full Text of Announcement

#### I. Funding Opportunity Description

*Purpose of Program:* The Comprehensive Program supports innovative grants and cooperative agreements to improve postsecondary education. It supports reforms, innovations, and significant improvements of postsecondary education that respond to problems of national significance and serve as national models.

*Priorities:* Under this competition, we are particularly interested in applications that meet the following invitational priorities.

*Invitational Priorities:* For FY 2008 these priorities are invitational priorities. Under 34 CFR 75.105(c)(1) we do not give an application that meets these invitational priorities a competitive or absolute preference over other applications.

These priorities are:

##### *Invitational Priority 1.*

Under this priority we are particularly interested in projects that have demonstrated promising results in earlier evaluations and that will yield greater impact on a larger scale, using more rigorous evaluation methodologies (at least quasi-experimental). It is expected that the educational activities and interventions that are the subject of proposals will have demonstrated successful outcomes, but not necessarily with methods that meet the rigor of an experimental or quasi-experimental design. Less rigorous methodologies,

such as pre- and post-tests and descriptive or attitudinal studies, were appropriate for use in generating the hypotheses that will now be tested on a larger scale, using more rigorous methodologies and reducing or eliminating biases that are common in smaller, anecdotal studies. Applicants are encouraged to consult the report by the Secretary's Academic Competitiveness Council (<http://www.ed.gov/about/inits/ed/competitiveness/acc-mathscience/index.html>) for a more detailed explanation about appropriate evaluation methodologies for rigorous evaluations, defined as being at least at the quasi-experimental level.

We are particularly interested in proposals for projects that can be expanded, scaled up, and evaluated rigorously to achieve one or more of the following goals:

(1) To encourage higher levels of access, persistence, and completion of graduation requirements for higher education students.

(2) To align curriculum on a State or multi-state level between high schools and colleges, and between two-year and four-year postsecondary programs, to ensure continuing academic progress and transferability of credits.

(3) To improve the mathematics and science proficiency of postsecondary students, including pre-service mathematics and science teachers.

(4) To enable postsecondary students, including pre-service teachers, to achieve proficiency in or advanced proficiency or postsecondary institutions to develop programs in one or more critical need languages: Arabic, Chinese, Korean, Japanese, Russian, and languages in the Indic, Iranian, and Turkic language families.

##### *Invitational Priority 2.*

Under this priority we are particularly interested in projects that are designed to establish, improve, or expand Professional Science Master's degree programs, which combine traditional academic training with specialized knowledge and skills needed for work in science and technology research, product development, manufacturing, or related areas. Projects should include industry partners to ensure that education and training in the Professional Science Master's degree program align with the expectations and needs of business and industry.

*Program Authority:* 20 U.S.C. 1138-1138d.

*Applicable Regulations:* The Education Department General Administrative Regulations (EDGAR) in 34 CFR parts 74, 75, 77, 79, 80, 82, 84, 85, 86, 97, 98, and 99.

**Note:** The regulations in 34 CFR part 79 apply to all applicants except federally recognized Indian tribes.

**Note:** The regulations in 34 CFR part 86 apply to institutions of higher education (IHEs) only.

#### II. Award Information

*Type of Award:* Discretionary grants or cooperative agreements.

*Estimated Available Funds:* \$2,584,000. The Secretary expects that grantees will receive funding in FY 2008 for the full project period.

*Estimated Range of Awards:* \$400,000–\$600,000 for a four-year project period.

*Estimated Average Size of Awards:* \$500,000 for a four-year project period.

*Maximum Award:* We will reject any application that proposes a budget exceeding \$600,000 for a four-year project period. The Assistant Secretary for Postsecondary Education may change the maximum amount through a notice published in the **Federal Register**.

*Estimated Number of Awards:* 5–7.

**Note:** The Department is not bound by any estimates in this notice.

*Project Period:* Up to 48 months.

#### III. Eligibility Information

1. *Eligible Applicants:* IHEs, other public and private nonprofit institutions and agencies, and combinations of these institutions and agencies.

2. *Cost Sharing or Matching:* This program does not require cost sharing or matching.

#### IV. Application and Submission Information

1. *Address to Request Application Package:* You can obtain an application package via the Internet or from the Education Publications Center (ED Pubs). To obtain a copy via the Internet, use the following address: [www.Grants.gov](http://www.Grants.gov). To obtain a copy from ED Pubs, write, fax, or call the following: Education Publications Center, PO Box 1398, Jessup, MD 20794-1398. Telephone, toll free: 1-877-433-7827. Fax: (301) 470-1244. If you use a telecommunications device for the deaf (TDD), call, toll free: 1-877-576-7734.

You can contact ED Pubs at its Web site, also: <http://www.ed.gov/pubs/edpubs.html> or at its e-mail address: [edpubs@inet.ed.gov](mailto:edpubs@inet.ed.gov).

If you request an application from ED Pubs, be sure to identify this program or competition as follows: CFDA number 84.116B.

Individuals with disabilities can obtain a copy of the application package