SUPPLEMENTARY INFORMATION: NIST may enter into a Cooperative Research and Development Agreement (''CRADA'') with the licensee to perform further research on the invention for purposes of commercialization. The inventions available for licensing are:

[NIST Docket Number: 03–005]

Title: Dielectric Slit Die for In-line Monitoring of Liquids Processing.

Abstract: This invention is jointly owned by the U.S. Government, as represented by the Department of Commerce, and Chemical ElectroPhysics. The dielectric slit die is an instrument that is designed to measure electrical, rheological, ultrasonics, optical and other properties of a flowing liquid. In one application, it is connected to the exit of an extruder, pump or mixing machine that passes liquefied material such as molten plastic, solvents, slurries, colloidal suspensions and foodstuffs into the sensing region of the slit shaped die. Dielectric sensing is the primary element of the slit die, but in addition to the dielectric sensor, the die contains other sensing devices such as pressure, optical fiber and ultrasonic sensors that simultaneously yield an array of materials property data. The slit die has a flexible design that permits interchangeability among sensors and sensor positions. The design also allows for the placement of additional sensors and instrumentation ports that expand the potential data package obtained.

[NIST Docket Number: 03–014/02–012]

Title: Micromachined Alkali-atom Vapor Cells and Method of Fabrication.

Abstract: This invention is jointly owned by the U.S. Government, as represented by the Department of Commerce, and the University of Colorado. A method of fabricating compact alkali vapor filled cells that have volumes of 1 cm.sup.3 or less that are useful in atomic frequency reference devices such as atomic clocks. According to one embodiment the alkali vapor filled cells are formed by sealing the ends of small hollow glass fibers. According to another embodiment the alkali vapor filled cells are formed by anodic bonding of glass plates to silicon wafers to seal the openings of holes formed in the silicon wafers. The anodic bonding method of fabricating the alkali vapor filled cells enables the production of semi-monolithic integrated physics packages of various designs.

[NIST Docket Number: 04–001]

Title: A Microfluidic Flow-through Immunoassay for Simultaneous Detection of Multiple proteins in a Sub-microliter Biological Sample.

Abstract: This invention is jointly owned by the U.S. Government, as represented by the Department of Commerce, and the National Institutes of Health. A chip-based microfluidic device for high-throughput, multi-analyte immunoaffinity capture and detection of proteins can be used for the simultaneous isolation and quantitation of multiple proteins from microliter samples of biological fluids. The device architecture has advantages over existing array technology in that the proteins are detected by single-point capture and much smaller sample volumes can be used. The device also has the potential to greatly reduce the cost of analyzing a sample through reuse of the channels with the bound antibodies for multiple samples. The device can be integrated into the other analytic equipment or on-chip detectors.

Dated: April 13, 2005.

Hratch G. Semerjian,

Acting Director.

[FR Doc. 05–8111 Filed 4–21–05; 8:45 am]

BILLING CODE 3510–13–P

DEPARTMENT OF COMMERCE

National Oceanic and Atmospheric Administration

[Docket No.: 000616180–5104–11]

NOAA Climate and Global Change Program for FY 2006

AGENCY: Office of Global Programs (OGP), Oceanic and Atmospheric Research (OAR), National Oceanic and Atmospheric Administration (NOAA), Department of Commerce.

ACTION: Initial notice.

SUMMARY: The Climate and Global Change (C&GC) Program represents a NOAA contribution to evolving national and international programs designed to improve our ability to observe, understand, predict, and respond to changes in the global environment. This program builds on NOAA's mission requirements and long-standing capabilities in global change research and prediction. The NOAA Program is a key contributing element of the U.S. Climate Change Science Program (CCSP), which is coordinated by the interagency Committee on Environmental and Natural Resources. NOAA's program is designed to complement other agencies' contributions to that national effort.

DATES: Submission Dates and Times (for ALL Competitions): *Letter of Intent Due Date:* May 20, 2005 by 5 p.m. eastern time.

Application Due Date: July 15, 2005 by 5 p.m. eastern time.

Anticipated Award Date: March 14, 2006.

ADDRESSES: *Submission:* Letters of Intent should be e-mailed to *ogpgrants@noaa.gov* or may be mailed or faxed to the OGP Grants Manager (*see* the **FOR FURTHER INFORMATION CONTACT**).

Proposal applications shall be submitted through Grants.gov APPLY, a date time receipt indication is included and will be the basis of determining timeliness. If the applicant does not have access to electronic submission, please contact the OGP Grants Manager (*see* the **FOR FURTHER INFORMATION CONTACT** section below) for instructions on a paper format submission; in such case, it must be mailed to the OGP Grants Manager and received by the deadline. Facsimile transmissions of full proposals will not be accepted. To apply for this NOAA federal funding opportunity, please go to *http://www.grants.gov* and use the following funding opportunity #OAR–OGP–2006–2000116.

FOR FURTHER INFORMATION CONTACT: Please visit the OGP Web site for further information *http://www.ogp.noaa.gov* or contact the OGP Grants Manager, Diane Brown, NOAA/OGP, 1100 Wayne Avenue, Suite 1210, Silver Spring, MD 20910–5603, Phone: 301–427–2357, Fax: 301–427–2222, e-mail: *ogpgrants@noaa.gov.*

SUPPLEMENTARY INFORMATION:

Electronic Access

Applicants should read the full text of the full funding opportunity announcement which can be accessed at the OGP Web site: *http://www.ogp.noaa.gov* or the central NOAA site: *http://www.ofa.noaa.gov/~amd/SOLINDEX.HTML.* This announcement will also be available through Grants.gov at *http://www.Grants.gov.*

Funding Availability

NOAA believes that the C&GC program will benefit significantly from a strong partnership with outside investigators. Please be advised that actual funding levels will depend upon the final FY 2006 budget appropriations. In FY 2004, $10M in first year funding was available for 62 new awards; similar funds and number of awards are anticipated in FY 2005. Total anticipated Federal Funding for FY 2006 is $8M in first year funding for 40–60 awards. Federal Funding for FY 2007 may be used in part to fund some awards submitted under this

competition. Current plans assume that 100% of the total resources provided through this announcement will support extramural efforts, particularly those involving the broad academic community. Past or current grantees funded under this announcement are eligible to apply for a new award which builds on previous activities or areas of research not covered in the previous award. Current grantees should not request supplementary funding for ongoing research through this announcement. We anticipate that the annual cost of most funded projects will fall between $50,000 and $200,000 per year. The exact amount of funds that may be awarded will be determined in pre-award negotiations between the applicant and NOAA representatives. Neither NOAA nor the Department of Commerce is responsible for proposal preparation costs if this program is not funded for whatever reason. Publication of this announcement does not oblige NOAA to award any specific project or to obligate any available funds.

Statutory Authority: 49 U.S.C. 44720, 33 U.S.C. 883d, 15 U.S.C. 2904, 15 U.S.C. 2931–2934.

CFDA: No. 11.431, Climate and Atmospheric Research.

Eligibility

Eligible applicants are institutions of higher education, other nonprofits, commercial organizations, international organizations, state, local and Indian tribal governments. Federal agencies or institutions are not eligible to receive Federal assistance under this notice.

Cost Sharing Requirements

Cost Sharing is only required in one program element competition which is the NOAA Climate Transition Program (NCTP) where the Cost Share Percentage must be at least 5% of the total costs. The other seven Competitions have no cost sharing requirement.

Letters of Intent (LOI)

The purpose of the LOI process is to provide information to potential applicants on the relevance of their proposed project to the Climate and Global Change Program and the likelihood of it being funded in advance of preparing a full proposal. While it is in the best interest of the applicants and their institutions to submit an LOI explaining the work they propose to carry out and how much it will cost, it is not a requirement; applicants who do not submit an LOI are allowed to submit a full proposal. A panel of program managers will review each LOI to determine its responsiveness to the program goals as advertised in this notice and will provide an e-mail or letter response.

Evaluation and Selection Procedures

NOAA published its first omnibus notice announcing the availability of grant funds for both projects and fellowships/scholarships/internships for Fiscal Year 2005 in the **Federal Register** on June 30, 2004 (69 FR 39417). The evaluation criteria and selection procedures contained in the June 30, 2004 omnibus notice are applicable to this solicitation. For a copy of the June 30, 2004 omnibus notice please go to: *http://fedgrants.gov/EPSData/DOC/Synopses/1250/11420GRF063004/june%26%23032%3B30%26%23032%3B2004.pdf* or contact the OGP Grants Manager (*see* the **FOR FURTHER INFORMATION CONTACT** section above).

Limitation of Liability

Funding for the programs listed in this notice are contingent upon the availability of FY 2006 appropriations. In no event will NOAA or the Department of Commerce be responsible for proposal preparation costs if these programs fail to receive funding or are cancelled because of other agency priorities. Publication of this announcement does not oblige NOAA to award any specific project or to obligate any available funds.

National Environmental Policy Act (NEPA)

NOAA must analyze the potential environmental impacts, as required by the National Environmental Policy Act (NEPA), for applicant projects or proposals which are seeking NOAA federal funding opportunities. Detailed information on NOAA compliance with NEPA can be found at the following NOAA NEPA Web site: *http://www.nepa.noaa.gov/,* including our NOAA Administrative Order 216–6 for NEPA, *http://www.nepa.noaa.gov/NAO216—6—TOC.pdf,* and the Council on Environmental Quality implementation regulations, *http://ceq.eh.doe.gov/nepa/regs/ceq/toc_ceq.htm.* Consequently, as part of an applicant's package, and under their description of their program activities, applicants are required to provide detailed information on the activities to be conducted, locations, sites, species and habitat to be affected, possible construction activities, and any environmental concerns that may exist (*e.g.*, the use and disposal of hazardous or toxic chemicals, introduction of non-indigenous species, impacts to endangered and threatened species, aquaculture projects, and impacts to coral reef systems). In addition to providing specific information that will serve as the basis for any required impact analyses, applicants may also be requested to assist NOAA in drafting of an environmental assessment, if NOAA determines an assessment is required. Applicants will also be required to cooperate with NOAA in identifying feasible measures to reduce or avoid any identified adverse environmental impacts of their proposal. The failure to do so shall be grounds for not selecting an application. In some cases if additional information is required after an application is selected, funds can be withheld by the Grants Officer under a special award condition requiring the recipient to submit additional environmental compliance information sufficient to enable NOAA to make an assessment on any impacts that a project may have on the environment.

The Department of Commerce Pre-Award Notification Requirements for Grants and Cooperative Agreements: The Department of Commerce Pre-Award Notification Requirements for Grants and Cooperative Agreements

The Department of Commerce Pre-Award Notification Requirements for Grants and Cooperative Agreements contained in the **Federal Register** notice of December 30, 2004 (69 FR 78389) are applicable to this solicitation.

Paperwork Reduction Act

This document contains collection-of-information requirements subject to the Paperwork Reduction Act (PRA). The use of Standard Forms 424 and 424A, 424B, SF–LLL, and CD–346 have been approved by OMB under the respective control numbers 0348–0043, 0348–0044, 0348–0040, 0348–0046, and 0605–0001. Notwithstanding any other provision of law, no person is required to respond to, nor shall any person be subject to a penalty for failure to comply with, a collection of information subject to the requirements of the PRA unless that collection of information displays a currently valid OMB control number.

Executive Order 12866

This notice has been determined to be not significant for purposes of Executive Order 12866.

Executive Order 13132 (Federalism)

It has been determined that this notice does not contain policies with Federalism implications as that term is defined in Executive Order 13132.

Intergovernmental Review

Applications under this program are not subject to Executive Order 12372,

''Intergovernmental Review of federal programs.''

Administrative Procedure Act/ Regulatory Flexibility Act

Prior notice and an opportunity for public comments are not required by the Administrative Procedure Act or any other law for this rule concerning grants, benefits, and contracts (5 U.S.C. section 553(a). Because notice and opportunity for comment are not required pursuant to 5 U.S.C. 553 or any other law, the analytical requirements of the Regulatory Flexibility Act (5 U.S.C. section 601 *et seq*) are inapplicable. Therefore, a regulatory flexibility analysis has not been prepared.

Dated: April 19, 2005.

Louisa Koch,

Deputy Assistant Administrator, OAR, National Oceanic and Atmospheric Administration.

[FR Doc. 05–8112 Filed 4–21–05; 8:45 am]

BILLING CODE 3510–KB–P

DEPARTMENT OF COMMERCE

National Oceanic and Atmospheric Administration

[Docket No. 050412101–5101–01; I.D. 041205B]

Ernest F. Hollings Undergraduate Scholarship Program

AGENCY: Office of Education and Sustainable Development (OESD), Office of the Undersecretary of Commerce for Oceans and Atmosphere (USEC), National Oceanic and Atmospheric Administration (NOAA), Commerce.

ACTION: Notice of program guidelines.

SUMMARY: NOAA provides notice of the availability of Ernest F. Hollings scholarship awards for FY 2005. The Ernest F. Hollings scholarship program was established through the Consolidated Appropriations Act, 2005. The Ernest F. Hollings scholarship program will provide selected undergraduate applicants with opportunities to increase recognition of and disciplined study in oceanic and atmospheric studies. There is no guarantee that sufficient funds will be available to make awards for all qualified applicants.

DATES: Applications for the Ernest F. Hollings scholarship program will be available on April 22, 2005. Completed applications must be received by 5 p.m. e.d.t. May 23, 2005.

ADDRESSES: Applications for the Earnest F. Hollings scholarship program will be available through ORISE at *http://www.orau.gov/noaa/HollingsScholarship*. If an applicant does not have Internet access, hardcopy applications can be requested by contacting NOAA/Hollings Scholarship, Oak Ridge Institute for Science and Education, P.O. Box 117, MS 36, Oak Ridge, TN 37831–0117; telephone: 865–576–3424.

FOR FURTHER INFORMATION CONTACT: NOAA/Hollings Scholarship, Oak Ridge Institute for Science and Education, telephone: 865–576–3424 or NOAA/OESD at *noaa.education@noaa.gov* or 202–482–3384.

SUPPLEMENTARY INFORMATION:

Background

The Ernest F. Hollings scholarship program was established through the Consolidated Appropriations Act, 2005 (Pub. L. 108–447). The purposes of the program include: (1) To increase undergraduate training in oceanic and atmospheric science, research, technology, and education and foster multidisciplinary training opportunities; (2) to increase public understanding and support for stewardship of the ocean and atmosphere and improve environmental literacy; (3) to recruit and prepare students for public service careers with the National Oceanic and Atmospheric Administration and other natural resource and science agencies at the Federal, state and local levels of government; and (4) to recruit and prepare students for careers as teachers and educators in oceanic and atmospheric science and to improve scientific and environmental education in the United States.

Hollings scholarship program will provide selected undergraduate applicants with awards that include academic assistance (up to a maximum of $8,000) for full-time study during the 9-month academic year; a 10-week, full-time internship position ($650/week) during the summer at a NOAA or partner facility; and, if reappointed, academic assistance (up to a maximum of $8,000) for full-time study during a second 9-month academic year. The internship between first and second years of award provides ''hands-on'' multi-disciplinary educational training experience involving Scholars in NOAA-related scientific, research, technological, policy, management, and education activities. Awards will also include a housing subsidy for scholars who do not reside at home during the summer internship and travel expenses for attendance and participation at a Hollings scholarship program conference at the completion of the internship.

The Hollings Scholarship program will consider applications from all eligible students including those that have received scholarship awards from other NOAA undergraduate scholarship programs. If selected as Hollings scholars, the program awards to students that have received awards from other NOAA undergraduate scholarship program will be adjusted based on the benefits of that other award for all years in which the award periods of the scholarship programs overlap. The total benefits during the coinciding award periods from the combined NOAA undergraduate scholarship programs in each award category (*i.e.*, academic assistance, internship, housing subsidy, and travel expenses) shall not exceed the maximum benefits allowed under the Hollings program unless this level of support is provided in whole under the other NOAA scholarship award. The Hollings scholarship program internship requirement will also be waived if the scholar is obligated to a summer internship through a previous award from another NOAA undergraduate scholarship program.

Authority

The Ernest F. Hollings Undergraduate Scholarship Program is established by Administrator of the National Oceanic and Atmospheric Administration the under authority of the Consolidated Appropriations Act, 2005 (Pub. L. 108–447).

Congressionally Identified Awards and Projects (CFDA) CDFA, 11.469

Funding Availability

Approximately $3.9 million will be available for the award of approximately 110 two-year scholarships. There is no guarantee that sufficient funds will be available to provide scholarships for all qualified students.

Eligibility

Any undergraduate student may apply who is a U.S. citizen, is a rising sophomore enrolled or planning to matriculate as a junior-level, full-time student in Fall 2005 in an accredited college or university within the United States or U.S. Territories; demonstrates a cumulative 3.0 grade point average on a 4.0 scale (or equivalent on other identified scale) in all completed undergraduate courses and in the major field of study; and has declared a major in a discipline area that is related to oceanic and atmospheric science, research, technology, and education,