Saying that he is committed to finding ways to increase contractual and other funding opportunities for AAMU, President Robert Jennings has continued to make his rounds to promote the University’s capabilities for potential partnerships with government and private agencies in the Huntsville area and around the country. “I meet with four or more agency CEOs each month to discuss AAMU’s capabilities and how they can be used to meet those agencies’ missions and contractual needs,” Dr. Jennings said recently when he met with a senior official from the contracting office of the Space and Missile Defense Command (SMDC). On the President’s left are Mr. Garfield Boon, Jr., Deputy Director of the U.S. Army SMDC/ARSTRACT Contracting and Acquisition Management Office; and Ms. Cynthia Smith, Contracting Officer with the SMDC. On his right are Dr. Teresa Merriweather Orok, Vice President for Institutional Research, Planning and Sponsored Programs; and Prof. Stoney Massey from the Department of Electrical Engineering. In the background is Ms. Cecelia Wade, Executive Assistant to the Vice President.

STTR/SBIR conference provides networking, partnership opportunities

The 2008 STTR/SBIR Small Business Conference ended on Jan. 29, after a two-day discussion that brought together nearly 150 leading experts in science and technology, research and development, business, and representatives from federal agencies, academic institutions and area communities.

Discussions focused on how small business technology transfer programs can help to expand public/private partnerships that include joint venture opportunities for small businesses and nonprofit research institutes. The conference, organized by the Alabama A&M University Research Institute (AAMURI), also discussed how qualified small businesses in research and development can help to stimulate innovations in technology.

Agencies, institutions and businesses represented were: NASA Marshall Space Flight Center (MSFC), see STTR/SBIR...continued on page 5

President Jennings welcomes participants to the 2008 STTR/SBIR Conference in the Ernest L. Knight Center at AAMU.

Dr. Anthony Coelho: Grant Writing for Success

A refresher

By Susan Phelan

"Grant-writing is a set of learned skills," Dr. Anthony Coelho, the Review Policy Officer for the National Institutes of Health, told a standing-room-only gathering of faculty and staff from the Schools of Business and Engineering during the 3.5-hour session on “Grant Writing for Success.”

For AAMU, these challenges are business as usual. But two other challenges abound – the need to identify and seek more areas for funding, research opportunities for AAMU

Jennings seeks more funding, research opportunities for AAMU

President Jennings meets with officials from the contracting office of the Space and Missile Defense Command (SMDC). On the President’s left are Mr. Garfield Boon, Jr., Deputy Director of the U.S. Army SMDC/ARSTRACT Contracting and Acquisition Management Office; and Ms. Cynthia Smith, Contracting Officer with the SMDC. On his right are Dr. Teresa Merriweather Orok, Vice President for Institutional Research, Planning and Sponsored Programs; and Prof. Stoney Massey from the Department of Electrical Engineering. In the background is Ms. Cecelia Wade, Executive Assistant to the Vice President.

Training goes a step further for grant seekers, research dollars

For a research institution, every new year brings new challenges. New innovations, finding more creative ways of doing things, and the need to remain on the cutting-edge of discovery, are but a few of the challenges that keep tugging at the heels of research institutions to stay ahead of the curve. There is also the need to focus on the translational phase of inventions by taking discoveries that were proven in the lab and moving them into clinical applications.

For AAMU, these challenges are business as usual. But two other challenges abound – the need to identify and seek more areas for funding, research opportunities for AAMU.
Grant
...continued from page 1

Success,” on January 7.

He said that he can’t teach anyone how to write a grant, but he can teach us how to view the process differently. That different view of the process includes recognizing the fatal error of most unsuccessful grant writers: writing the grant for themselves instead of the funding agency and the entire review committee.

Dr. Coelho walked participants through the administrative and peer evaluation structure of the National Institutes of Health (NIH), and reiterated that the process outlined was applicable to any federal agency. He explained how proposals are assigned to the various review panels, and the composition of those review panels. Understanding who will be reading the proposal is critical to know. The proposal must be written so that most people can understand it. The proposal is NOT a journal article. The scientific content should be kept to the detail level of the popular magazine, “Scientific American.”

Reading and understanding the required document and solicitation are also essential to success, as is tying your science to the funding agency’s mission. Dr. Coelho said principal investigators should discuss their ideas with agency program managers long before the proposal is submitted.

Dr. Coelho’s surefire formula for success? A good idea + good timing + a good presentation + good reviewers + good luck + good grantsmanship = success.

Good grantsmanship means knowing and understanding:
• What to do
• How to do it
• When to do it
• What to do when things don’t go as planned
• Being willing to do what is necessary
• Doing it – doing what is needed.

Dr. Coelho’s full presentation can be found at http://ora.stanford.edu/ora/ratd/nih04.asp

Training
...continued from page 1

research opportunities, and the need to continue to ensure that faculty members and researchers are trained to be successful in seeking needed research dollars. To stay ahead of the game and to ensure that the institution does not miss out on available funds and research opportunities, training is being stressed – to the point that “if you do not come for the training, we’ll bring the training to you.”

At the risk of setting a limit, the President, Dr. Robert Jennings, along with the Office of Institutional Research, Planning and Sponsored Programs (IRPSP), has called for an increase in the funding and research quota of each of the five schools in the University. The over $32 million realized in research funding last year is a figure that most institutions the size of AAMU would brag about, but not AAMU. “We can do more; we have the capability, the faculty and the research potential to do more,” said Dr. Jennings. “We will help you get the training and, if needed, we will help you identify the funding sources.”

Accordingly, the IRPSP unit has stepped up its training initiatives. Expert staff members have been assigned to each college/department to assess the training needs of individual researchers and faculty members interested in improving their ability to seek funding, as well as to conduct ongoing training for each area. Also, and most importantly, the IRPSP unit has hosted nationally recognized trainers from funding agencies such as the National Science Foundation, the National Institutes of Health, etc., to conduct training in how to be a successful grant writer. Also, AAMU faculty members and researchers with proven records in successful grants writing are being tapped to share their knowledge with their colleagues.

The goal is to ensure that faculty members not only think well, but must understand funding agencies’ missions, be able to write well, interact well with people in the research community, have a keen sense of business, and be adept in managing budgets, projects and
The overwhelming participation in Dr. Coelho’s full-day grant writing workshop in the Drake Learning Resource Center shows the desire on the part of AAMU faculty and staff to take advantage of every opportunity to improve their chances for more research funds.

Among notables who have conducted training on campus in the current cycle is Dr. Anthony M. Coelho, Jr., the Review Policy Officer for the National Institutes of Health. His two presentations (with standing room only) were “Grant Writing for Success,” and “Peer Review of NIH Research Grant Applications.” Dr. Coelho is responsible for developing and implementing regulations, policies, procedures, methods and guidance documents governing NIH extramural review functions to ensure standard approaches to the peer review of grants, cooperative agreements, and research and development contracts. This level of knowledge in understanding how the NIH works and for Dr. Coelho to be able to impart that knowledge to our faculty is certainly an added advantage for AAMU.

Also, Dr. Larry Powers, Dean of the School of Education, who has written many successful grants, shared his knowledge and expertise with his colleagues when he led a one-day session on “Developing a Successful Proposal,” with his faculty members.

University faculty and researchers are also taking advantage of off-campus workshops hosted by potential funding agencies to hone their skills. In late January, a number of researchers attended a three-day grant writing workshop conducted by the NSF in Atlanta. The workshop, which discussed “The Mechanics of Developing Competitive Proposals,” was intended to increase participation of faculty at minority serving institutions in BIO Funding Opportunities within the NSF.

Certainly, these training initiatives are showing signs of success, as is evident by the increase in the number of proposals coming into IRPSP.

More interesting is that many new faces (people with no previous record of submissions) are now writing and applying for research grants. “This is a good sign; we just need to continue to encourage them,” Dr. Orok said.

Dr. Coelho shares a moment with staff of the Office of Institutional Research, Planning and Sponsored Programs (IRPSP). Pictured are, from left, Marcus Harper, Coordinator of Grants and Contract Management; Dr. Coelho; Derrick Gilmore, Special Assistant to the Vice President of IRPSP; and Susan Phelan, Proposal Development/Research Compliance Coordinator.
Mr. Garfield Boon, Jr. tours AAMU research facilities, accompanied by scientists and senior staff of the University. Left, Dr. Claudiu I. Muntele, Research Associate, shows Mr. Boon one of the facilities in the Center for Irradiation of Materials. Right, Dr. Zhengtao Deng, Associate Professor of Mechanical Engineering, shows the SMDC official the compressor and air supply system to the proposed Supersonic Wind-Tunnel outside the School of Engineering and Technology building.

Jennings

Continued from page 1

of the Space and Missile Defense Command (SMDC) at the Redstone Arsenal. “I have visited some in their homes and others have visited me and toured our facilities on campus.”

The President told Mr. Garfield W. Boon, Jr., Deputy Director of the U.S. Army SMDC/ARSTRAT Contracting and Acquisition Management Office at the Redstone Arsenal, that AAMU puts out quality products, within set budgets and delivers on time.

“We do a quality job and we have the track record to speak for us, but we need more opportunities and partnerships,” he said in the meeting held on the AAMU campus. “We are not here just because we want a handout; that day is long gone. We are interested in increasing what we have been doing with the Space and Missile Defense Command and all of the agencies out there.”

Boon, who is responsible for contracting and acquisition at SMDC, agreed that there were not enough AAMU contracts at SMDC. “Before coming here I looked in the contract ledger and most of the contracts with AAMU have either expired or are expiring,” he said. Boon said his visit was intended to acquaint himself with the university’s capabilities and to review areas in which the two sides could explore possible opportunities.

“With such capability on our campus, you don’t have to redo our financial reports and invoices,” he said. “Additionally, we have smart, talented and skilled faculty here who are producing high quality products. There are agencies around the country including some right here such as NASA and SAIC, which can vouch for the quality of our jobs.”

Following a tour of AAMU research facilities, Boon said he was impressed with the level of capabilities at the University.

“The word needs to get out about your capabilities,” he said. “More government officials should tour your campus and technology areas, and be advised of the vast capabilities of this institution.”

The meeting with Boon included other AAMU officials such as the Vice President for Institutional Research, Planning and Sponsored Programs, Dr. Teresa Merriweather Orok, the Dean of the College of Engineering and Technology, Dr. V. Trent Montgomery; representatives of the Research Institute, and some research faculty members.

Boon and the AAMU officials also discussed internship opportunities for students and faculty members. Boon was accompanied by Cynthia Smith, Contracting Officer of the U.S. Army SMDC/ARSTRAT Contracting and Acquisition Management Office.
President Jennings told participants at STTR/SBIR conference that increased funding opportunities would help to strengthen research capabilities of HBCUs and minority institutions.

**STTR/SBIR**

Boeing, the National Science Foundation (NSF), the National Institutes of Health (NIH), the Aviation and Missile Research, Development and Engineering Center (AMRDEC), Science Applications International Corporation (SAIC), the Missile Defense Agency (MDA), the University of Alabama in Huntsville (UAH), Praire View A&M University, the accounting firm of Beason and Nalley, Northrop Grumman, Alabama Experimental Program to Stimulate Competitive Research (EPSCoR), the Alabama A&M University Small Business Development Center (AAMU/SBDC), the Economic Development Partnership of Alabama (EDPA), the Air Force Office of Scientific Research (AFRL), and the Georgia Tech Research Institute (GTRI).

In his welcome statement, AAMU President, Dr. Robert Jennings, reminded participants of the need to increase funding opportunities for HBCU’s and small businesses as a way of strengthening their research capabilities. “We here at Alabama A&M University stand ready to do business with you,” he said. “We have capabilities and experts in most of the areas in which you do business. While you are here, we invite you to tour our campus, see our facilities and meet with our faculty members.”

The Vice President for Institutional Research, Planning and Sponsored Programs (IRPSP), Dr. Teresa Merriweather Orrok, thanked the AAMURI and its Executive Director, Dr. Daryush STTR/SBIR... continued from page 1

**We here at Alabama A&M University stand ready to do business with you.**

*Dr. Robert Jennings*

President Jennings confers with Mr. Oliver Leslie, Senior Principal Specialist for Supplier Diversity at Boeing, left, and Dr. Daryush Ilia, Executive Director of AAMURI.

Mr. David Brock (at podium), Small Business Specialist at the NASA George C. Marshall Space Flight Center, responds to a question following his presentation at the conference.
Mr. Leslie, of Boeing, the luncheon speaker on the first day of the conference, makes his remarks. Nearly 150 leading experts from the public and private sectors attended the two-day conference.

Ila, for their dedication and commitment in putting together “this fine conference.” She said the Research Institute’s commitment to the conference is an indication of the importance Alabama A&M University attaches to research and development, and how SBIR/STTR programs can help to stimulate technological innovation in the private sector.

“We believe that this also helps to improve opportunities for HBCUs and minority institutions to increase their participation in federally funded projects,” Dr. Orok said. “We hope your deliberations over these two days will also help to foster and encourage greater cooperation, and new partnerships between our institutions, and potential contractors and industry participants at this conference.”

Dr. Ila, who is also Executive Director of ALEPSCoR, called for greater interaction and networking among participants as a way of developing and cultivating better relations for potential business and funding opportunities. “Among participants here are some of the very best, most recognized and influential individuals from funding agencies and institutions,” he said. “Also among you are some of our best researchers and scientists who are looking for potential partnerships. I call on all of you to interact and know what we have that may be of interest to you.”

Speakers and presenters included: David Brock, Small Business Specialist at NASA/MSFC; Oliver Leslie, Senior Principal Specialist for the Supplier Diversity Program at Boeing; Dr. Paul Ruffin, Army Senior Research Scientist; Dr. Juan E. Figueroa, NSF Program Manager for Small Business Innovation Research Program; George Otchere, Senior Vice President for Corporate Development at SAIC; Dr. Karen Boykin, Research Outreach Coordinator for ALEPSCoR; Cassandra Zeigler, Assistant Director of AAMU/SBDC; Dr. Premkumar, NASA Research Faculty for the Center for Applied Radiation Research and Associate Professor at Prairie View A&M University; Darryl Walker, of Beason & Nalley; and Kay Etzler, the NIH Program Analyst in the Office of Extramural Programs.

Also presenting at the conference were: Dr. Angela Weir, of the EDPA; Robert Sever, of the Small Business Programs at MDA; Kannan Grant, of the Office of Technology Commercialization at UAH; Anthony Junior, Director of HBCU Programs in the Department of the Navy; Margie Brown, of GTRI; James Johnson, Security Officer and Manager of Human Resources and Mentor Protégé at AAMURI; Tizoc S. Loza, Corporate Project Manager for Mentor-Protégé, SBIR and HBCU Programs at Northrop Grumman; Mark E. Swanstrom, of the Defense Advanced Research Projects Agency; and Ortho H. Thomas, Jr., of AMRDEC.
Prime contractors tout
AAMU Research Institute

With a research institute and an office for research and sponsored programs on its campus, Alabama A&M University has cleared one of the major hurdles contractors usually face when trying to find HBCUs and minority institutions to do business with, according to participants at a recent prime contractors’ meeting. Finding the office and the appropriate person when trying to contact an institution is one of the biggest challenges prime contractor face, the participants were told. “It is hard to do business when you cannot find the right person to talk to,” said David Brock, Small Business Specialist at the NASA George C. Marshall Space Flight Center (MSFC) in Huntsville. “Having the research institute is a big step in the right direction.”

The problems with identifying qualified HBCUs to perform as subcontractors, creating a venue for ongoing collaboration between primes and HBCUs, and the lack of an effective means of communication are major concerns for prime contractors, said Brock, whose office ensures that small businesses are given the chance to compete for MSFC procurement and contract opportunities.

An advocacy group, AMIE (Advancing Minority Interest in Engineering), whose mission is to facilitate the development of partnerships between corporate government agencies and minority institutions, says it can help “bridge the gap” between prime contractors and HBCUs by serving as the sole source of information for prime contractors. “AMIE can serve as a contact point and a one-stop shop for primes to be able to identify qualified HBCUs,” said Executive Director Myron Hardiman.

According to Hardiman, most prime contractors are not familiar with qualified HBCU engineering schools other than those in their local areas. There are more than 11 accredited HBCU engineering schools in the United States, he said.

Donna Coleman, president and CEO of Aetos Systems, Inc., of Huntsville, and chairperson for the Marshall Prime Contractors Supplier Council, called for the designation of an individual or liaison who can serve as a link between prime contractors and HBCUs. “Understanding which HBCUs are set up to do contracting business and what their competencies are makes it easy for prime contractors to work with those organizations,” she said.

Brock called on the two sides to work together to take advantage of the opportunities out there. He said the Marshall Space Flight Center is going to be a major player in the design, development and building of replacement systems for a new space craft that will replace the space shuttle. “All of the contracts for this project will have an HBCU goal. We see this as a tremendous opportunity for HBCUs to step up to be a part of this program,” Brock said.

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**IRPSP CONFERENCE/TRAINING CALENDAR**

**CONFERENCE/TRAINING CALENDAR**

<table>
<thead>
<tr>
<th>Workshops</th>
<th>Description</th>
<th>Date</th>
<th>Time</th>
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<tr>
<td>Q&amp;A with PIs</td>
<td>AAMU faculty have a vast knowledge of grants development and post-award management. Come to this informative Q&amp;A session and engage with some of the most experienced Principal Investigators in the country.</td>
<td>Session II: Mar. 11, 2008</td>
<td>11-1p.m</td>
<td>TBD</td>
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<td>Alternative Energy Summit</td>
<td>The U.S. continues to depend on foreign oil sources for a portion of its energy needs. World wide demand for crude oil increases significantly every year, while known worldwide reserves of petroleum are expected to be depleted by the year 2050. Fossil fuel, as the primary means of energy for the U.S., will not meet future needs of the nation. Energy self-reliance can only be obtained by means of renewable fuels, mainly alternative energy sources (i.e., bio-diesel). Alabama A&amp;M University is poised to be a leader in the field of alternative fuel research and development. This two-day conference will bring together federal, state, local, public and private agencies to discuss the direction of alternative fuel R&amp;D.</td>
<td>March 2008</td>
<td>TBD</td>
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<tr>
<td>HBCU Technology Transfer Conference</td>
<td>The development of a vision, mission and business model for Historically Black Colleges and Universities’ participation in technology transfer is paramount. Join us at AAMU as we discuss how HBCUs and small colleges can protect and profit from the research efforts of the university and faculty</td>
<td>April 2008</td>
<td>TBD</td>
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<tr>
<td>Developing and Describing Program Evaluation in Your Proposal</td>
<td>Federal agencies now require some form of program evaluation, which requires coordination between the agency, the university and the PI. Participants in this workshop will receive tips on designing the evaluation processes in the pre- and post-award phases of grants.</td>
<td>Spring 2008</td>
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The award was in recognition of Dr. Bishnoi’s contribution to research and teaching in Seed Science and Crop Production and for developing projects related to seed production, seed biology, and seed testing techniques of crops.

A citation also noted Dr. Bishnoi’s contributions to agricultural development and seed technology programs in Sudan, Kenya, Gambia, India, Poland, and Argentina. Dr. Bishnoi is an ASA (American Society of Agronomy) and CSSA (Crop Science Society of America) Fellow and a CSSA’s National Seed Science Award Recipient.

Dr. Bishnoi is also the recipient of the “Morrison-Evans Outstanding Scientist Award,” the highest honor given to a scientist from an “1890 institution” (land grant) by the Association of Research Directors. The award was presented at the group’s the 14th Biennial Research Symposium last April in Atlanta. The award is named in honor of Dr. Richard D. Morrison, President Emeritus, Alabama A&M University and Congressman, Frank E. Evans of Colorado, who provided leadership in seeking research and extension funds for “1890 institutions” under the Second Morrill Act of 1890.

The award recognizes his leadership in the fields of Agronomy and Seed Technology for more than three decades. The award is only given to those who meet the highest standard of professionalism in the areas of research development, policies and planning, as well as publications, mentoring of students, and public service. Dr. Bishnoi is a professor in the School of Agricultural and Environmental Sciences.
December’s COE meeting was held in the auditorium of the Agricultural Research Center on the campus of Alabama A&M University (AAMU). The Center of Excellence (COE) was established in 1993 to train young people, many of whom are African Americans, for future careers in the USDA Forest Service.

Accomplishments of the FS/AAMU partnership include: recruitment and graduation of students, employment of capable faculty members, course development, expanding the library collection in forestry and wildlife sciences, collaborative research in upland hardwood silviculture and wildlife, and outreach to underserved forest landowners in Alabama. AAMU COE is the Forest Service’s largest student recruitment initiative program with up to 40 undergraduate students in training and partially supported by the Forest Service at any one time.

The meeting was moderated by Dr. Greg Ruark, Assistant Station Director, SRS, and Dr. Ken Ward, Program Coordinator for the AAMU Forestry, Ecology & Wildlife Program. A special highlight of the meeting was the recognition of two retiring Forest Service employees who have had major impacts on the establishment and success of COE and the AAMU Forestry program.

Dr. Robert Taylor, Dean of the School of Agricultural & Environmental Sciences, presented a plaque to Dr. Pete Roussopoulos, outgoing Director of the Southern Research Station, for “Loyal Support for Forestry Education and Research in the School of Agriculture and Environmental Sciences.” Dr. Taylor also presented a plaque to Ms. Louise Wyche, outgoing Program Manager of the FS-sponsored Multicultural Workforce Strategic Initiative at AAMU, for “Love and Devotion to the Forestry Program in the School of Agriculture and Environmental Sciences.” Ms. Wyche, who has managed the MWSI here since 1992, has been a major contributor to the success of the AAMU forestry program, through her recruitment, mentoring and placement efforts in behalf of our students. Ms. Diedre Ward Smith was introduced as the Interim Coordinator of MWSI at AAMU. Smith, a graduate of AAMU, is currently Coordinator of the MWSI program at Tuskegee University.

In addition, Dr. Jim Reaves, new Director of SRS, attended the meeting and recalled some of his early years with the Forest Service, which were spent at AAMU.

Other notable attendees/presenters at the meeting included Linda Casey, State Forester with the Alabama Forestry Commission, who made a presentation on AFC activities and expressed interest in increasing collaborations with AAMU. Forestry faculty (K. Naka, G. Brown, K. Ward) made presentations or led discussions on important topics and collaborative efforts with FS partners.

Dr. Teferi Tsegaye, Chair of the Department of Natural Resources and Environmental Sciences, reported on the department’s status and new initiatives. Dr. Callie Schweitzer and Dr. Stacy Clark, scientists with the USFS-SRS, gave a presentation on the history and current activities of the Forest Service research group. Ms. Wyche, this being her last official meeting with COE partners, took the opportunity to review the MWSI program’s history at AAMU. The meeting closed with a progress report on COE by Dr. Ward, and Dr. Clarence Toomer, Dean of AAMU Learning Resources Center, which receives COE support for enhancement of library resources.
HudsonAlpha Prize for Outstanding Innovation in Life Sciences

The HudsonAlpha Prize for Outstanding Innovation in Life Sciences will award $20,000 to a current faculty member or staff scientist at one of Alabama's six research universities.

Each university president may qualify up to two candidates who have effected life science innovations (biotechnology/biomedicine) that reflect great promise for further development and benefit to mankind. Nominations recognizing efforts that are already delivering on that promise are especially welcome.

Nominations for the 2008 monetary prize and commemorative certificate are due to the HudsonAlpha Institute by February 15. Nomination forms are available at www.hudsonalpha.org/pdf/innovationprize.pdf.

In addition to recognizing exceptional talent and research of superior merit, the prize hopes to raise awareness of biotechnology's burgeoning impact on the state's economy. Funding for the prize is provided through a grant by the Alpha Foundation.

Nomination forms are available at www.hudsonalpha.org/pdf/innovationprize.pdf.

For more information contact:

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Alabama A&M University
emmanuel.freeman@aamu.edu
256-372-5684

HudsonAlpha Institute for Biotechnology

The HudsonAlpha Institute for Biotechnology, an independent, non-profit research organization supported by private and public funds, is located in Huntsville, Alabama. Its mission is to use biotechnology to improve human health, stimulate economic development and to inspire Alabama's youth to seek careers in science.

601 Genome Way • Huntsville • Alabama • 35806 • 256.508.8954
Space Grant Consortium announces scholarship programs

The Alabama Space Grant Consortium (ASGC), a participant in the National Space Grant College and Fellowship Program (NSGCFP), announces three scholarship programs for students at one of its seven member institutions. They include a $24,000 graduate (master or doctoral) fellowship, and a $1,000 undergraduate scholarship for students pursuing space-related fields of study. Another $1,000 undergraduate teacher education scholarship is for pre-service teachers in science and mathematics who are on a track leading to teacher certification in a pre-college setting.

AAMU, one of the ASGC member institutions, is encouraging its students to take part in the scholarship programs. Professors are also encouraged to recommend students to apply for the scholarships.

Space-related fields include academic disciplines or field of study in the areas of physical, natural and biological sciences; engineering; education; economics; business; sociology; behavioral sciences; computer science; communications; law; international affairs; and public administration.

Applicants must be full-time, graduate students who are U.S. citizens, and must be currently enrolled in a program of study at one of the seven ASGC universities or show evidence of having met the graduate entrance requirements of the member institution in which the applicant proposes to enroll. Applicants must have a minimum grade point average of at least 3.0 on a 4.0 scale.

Applicants should submit seven packets (one original plus six copies) of all materials (cover sheet with signatures, abstract, description of research, schedule, budget, personal references, brief student resume, official transcript and copy of GRE scores) by March 1 to the campus director where the applicant expects to undertake studies for a degree program and carry out the research program or plan of study.

The Alabama Space Grant Consortium is composed of seven Ph.D. granting universities in Alabama: Alabama A&M University, Auburn University, the University of Alabama, the University of Alabama at Birmingham, the University of Alabama in Huntsville, the University of South Alabama and Tuskegee University. The Consortium Director and a Campus Director on each of the seven campuses constitute the Consortium Management Team.

The campus director for AAMU is Dr. V. Trent Montgomery, Dean, School of Engineering & Technology. Contact him at Room 226, ETB, P.O. Box 1148, Normal, AL 35762; Phone: (256) 372-5560, Fax: (256) 372-5580, trent.montgomery@aamu.edu. For more information, contact the campus director or go to http://www.uah.edu/ASGC/ASGCGraduateAppForm.doc or http://www.uah.edu/ASGC/ for undergraduate application. You can also contact Emmanuel Freeman in the AAMU Office of Institutional Research, Planning and Sponsored Programs at (256) 372-5684 or emmanuel.freeman@aamu.edu.
Research Experiences for Undergraduates

Mentoring Future 21st Century Researchers in the Environmental and Natural Resource Sciences

REU at AAMU

- Provide opportunities for minorities to participate in environmental and natural resource science-related education, research, and professional careers;
- Expose students to research methods, field and lab data collection, and seminar presentations;
- Mentor future researchers through hands-on, cutting-edge and independent research projects;
- Improve written and verbal communication skills in scientific writing and interactions with peers and scientists;
- Foster self-confidence and develop teamwork, critical thinking and analytical skills; and
- Provide opportunities for REU participants to network with graduate students, faculty members, administrators, and scientists in the environmental and natural resource science fields.

APPLICATION DEADLINE: MARCH 7, 2008

Each REU participant will receive:
- A $4000 scholarship ($400/week)
- An $800 dining card
- Housing in dormitories on the AAMU campus

Apply on-line at: http://saes.aamu.edu/reu.htm
OR
Contact: Dr. Elica M. Moss
(Office) 256-372-8219
(Fax) 256-372-8404
(Email) elica.moss@aamu.edu

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