



University of Tennessee, Knoxville
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BESS Newsletter

Biosystems Engineering and Soil Science
Publications and Other Works

2-2009

Bess 2/2009

Department of Biosystems Engineering and Soil Sciences

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From the Department Head...

To facilitate our student recruiting, we recently had the small departmental trailer "wrapped" as shown in the photo below. This was arranged by Julie Werner, Manager - Southern Appalachian Science and Engineering Fair, who used some of the artwork from a recent promotional brochure to dress up the trailer. The rear of the trailer, not seen in the picture, reads "Follow me to UT." We hope that the trailer will serve as a travelling billboard promoting the department as it travels across the state, raising awareness of Biosystems Engineering and Soil Science as potential career choices. The next big trip for the trailer will likely be the National Soil Judging Competition, when Doc Ammons and the Soil Judging Team travel to Springfield, MO. If you see the trailer on the road, please give them a friendly toot of your car horn!

---Eric Drumm



Student Profile



CHARLES E. HUTSON graduated this December with a degree in the Agricultural Systems & Technology (AST) concentration of our Environmental and Soil Sciences major.

Charles is a quiet man from Sunbright, TN. During his first semester at UT, a Chemistry classmate saw that Charles wore overalls to class and decided to be friends with him. He mentioned the AST program to Charles, who discussed the program with Dr. William Hart. Charles was intrigued, and joined our department.

Two internships were eye-opening experiences. Charles worked as an intern for John Deere in Kansas for one summer, and took another John Deere internship the next summer, which produced a job offer. The second program involved traveling, and visiting many dealerships in the Northeast. He enjoyed both internships, making new friends and learning about the business world, and about himself.

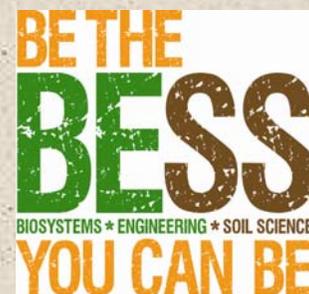
Through this traveling, Charles realized that there are good people everywhere, and he likes meeting them. This, in part, has led him pursue a career in the Tennessee Extension program, which also appeals to his country upbringing. He knows that he has the ability and confidence to do whatever he wants to do, thanks to guidance from Dr. Hart, and all the other friends he's made along the way.

CLICK BELOW
 FOR IMPORTANT NEWS ON:

instruction
 extension
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 institute
 students



Please submit news items to
 Darla O'Neill at
doneill1@utk.edu
 Archived issues will post to our
[departmental website](#).
 To subscribe (or unsubscribe),
 email doneill1@utk.edu



For more information
 about our AST program,
 click here:
http://bioengr.ag.utk.edu/students/ES_options.asp#Agricultural%20Systems%20Technology%20Concentration

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Good News!

Congratulations to the following faculty on receiving grant funding:

Hugh Savoy -- Tennessee Department of Agriculture – “Verification of University of Tennessee Fertilizer Recommendations in On-Farm and Research Center Demonstration Plots”

Brian Leib – Cotton Inc., -- “Deficit Irrigation of Cotton for Optimum Return on Investment”

John Buchanan – RING Industrial Group – “Investigation of Oxygen Transfer in Septic Tank Effluent using the AirJection Concept”

Dear BESS Faculty and Staff,

I am co-advisor to this group [see letter below] so you can let me know if you can help out. They are a great bunch of kids that generally struggle more with finances than maybe the average UT student. I have already sponsored one student, and will also provide some of their snacks. If a monetary donation is not possible, even a grocery bag of snacks for them to take on the bus is well appreciated!

Joanne Logan

Dear Professors and Faculty,

At the end of February, the environmental organization on campus, SPEAK (Students Promoting Environmental Action in Knoxville), is taking 44 students from the University of TN to Washington, D.C. to participate in the 2nd annual largest youth conference on climate change ever! There are expected to be 10,000 students from all over the nation attending. The weekend includes, panels and workshops of various energy and environmental issues, speakers, music, rallying on the front lawn of the capital, and lobbying our state representatives. We are demanding change for our future energy policy, demanding green jobs and more investment in clean energy overall. Last year, 30 students came back energized and ready to change our campus and community with fresh ideas and leadership. We want that to happen again.

However, there is only one problem. We are having trouble coming up with enough funds to finish registering all the students who are signed up. We have payed over \$1000 in registration fees for 33 students and have 11 more students to pay for. It costs \$40 to send one student. We would graciously appreciate any donations you could give us to help us make ends meet.

If so, you can email me, Laura England at lenglan3@utk.edu or call me at (423) 650-9132. You may also send me a check in the mail, at 2718 Painter Ave. Apt. C108 Knoxville, TN 37919. Also, just give me a call or email if you just have questions or want to chat about it.

www.powershift09.org

Thank you!

Cheers,

Laura England
Junior in Environmental Studies

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REMINDERS:

Innovations in Engineering Education, Curriculum, and Infrastructure (IEECI)

Program Announcement NSF 08-610

Full Proposal Deadline(s) (due by 5 p.m. proposer's local time): **March 11, 2009**

The Innovations in Engineering Education, Curriculum, and Infrastructure (IEECI) program supports research which addresses four aspects of engineering education: (1) how students best learn the ideas, principles, and practices to become creative and innovative engineers, and how this learning is measured, (2) how application of cyberlearning resources of networked computing and communication, interactive visualization capabilities, and well designed user interfaces can be used to develop easily transportable tools and systems with low barriers to adoption which significantly improve learning, (3) integration of sustainability into engineering education, and (4) future directions of U.S. engineering doctoral programs.

Anticipated Type of Award: Standard Grant or Continuing Grant

Estimated Number of Awards: 35 to 40 Two types of awards will be supported: Expansion Projects (approximately 10 grants are anticipated) will only be available for area (1), Innovations in Teaching and Learning. Exploratory Projects (25-30 grants are anticipated) will be available in areas (2-4).

Anticipated Funding Amount: \$150,000 to \$400,000 Anticipated Funding Amount: The total anticipated funding in FY09 for projects associated with this announcement is \$8,500,000. Funding is contingent upon availability of appropriations. Expansion Projects will be funded at a level of up to \$400,000. Exploratory Projects will be funded at a level up to \$150,000, but exploratory projects involving multiple universities may apply for grants up to \$200,000.

For more info: <http://www.nsf.gov/pubs/2008/nsf08610/nsf08610.pdf>

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Later this spring the Department of Defense (DoD) anticipates publishing a Broad Area Announcement (BAA) for its **National Security Science and Engineering Faculty Fellows (NSSEFF)** Program. This program offers significant research funding, with Fellows potentially receiving up to \$600K annually for 5 years. It also offers an opportunity for Fellows to participate on DoD advisory boards and brief senior DoD officials. Here is a link to **last year's** BAA: <http://www.nps.edu/research/WorkingWithNPS.html> (See BAA # NPS-BAA-08-005 and its amendments).

Since the timeline for submitting white papers last year was less than 6 weeks from publication of the BAA, we wish to give faculty advance notice of this upcoming opportunity so that they may have more time to prepare. Last year's NSSEFF research areas of interest are on pp.17-19 of the 2007 DoD Research & Engineering Strategic Plan, http://www.dod.mil/ddre/doc/Strategic_Plan_Final.pdf and we anticipate that these areas are likely to remain the same this year. We also anticipate that there will be no limit on the number of white papers that UT may submit.

Note that in 2008, the first year for the NSSEFF Program, DoD selected only 12 fellows from over 300 applicants. Since the program is so competitive, this year we are offering faculty the opportunity for 2 senior military officers to review their white papers and provide feedback before the papers must be submitted to DoD. Both gentlemen are UT alumni, have recently retired from the Army and Marine Corps respectively, and possess substantial research and development program expertise. We believe they would be a good resource for helping faculty prepare more competitive papers.

If faculty members wish to take advantage of these officers' review, they should submit white papers to **Bill Dockery**, dockeryb@utk.edu, no later than **Fri, 20 March**. If more papers are received than we could reasonably ask the officers to evaluate in a relatively short time, we will do an internal assessment to determine which papers to give them. Please note that review by the officers is **not** a DoD or UT requirement to submit a white paper under the NSSEFF BAA.

We will send a notice once the BAA is published, along with any submission guidance as needed.

Jada Huskey, Research Coordinator

College of Engineering, 114 Perkins Hall, The University of Tennessee, Knoxville, TN 37996-2002

Tel: 865-974-8360, Fax: 865-974-8890, Email: jhuskey4@utk.edu

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SPECIAL ALERT FROM GRANTS.GOV:

Please note the following - Grants.Gov Alert: A substantial increase in submissions is causing system slowness. Submission processing times may take longer than usual, thank you for your patience. Please encourage applicants to start filing early enough to avoid submission errors.

RFA FOR ORGANIC AGRICULTURE RESEARCH AND EXTENSION INITIATIVE:

USDA/CSREES has released the RFA for the Organic Agriculture Research and Extension Initiative. Deadline for applications is **March 9, 2009**.

The RFA can be found at: http://www.csrees.usda.gov/funding/rfas/pdfs/PAS_OREI_RFA.pdf

Additional general information can be seen at:

<http://www.csrees.usda.gov/fo/organicagricultureresearchandextensioninitiative.cfm>

eOrganic COMMUNITY OF PRACTICE

eXtension is pleased to announce that the eOrganic Community of Practice has launched publicly today as a part of two national or regional conferences: the Eco-Farm Conference in Pacific Grove, CA and the Southern Sustainable Agriculture Working Group (SSWAG) annual conference in Chattanooga, TN. Go to <http://www.extension.org> and choose Organic Agriculture to see the variety of content the community of practice has developed.

FY 2009 SCRI (SPECIALITY CROPS RESEARCH)

The FY 2009 SCRI (Speciality Crops Research) is now available for public viewing and download. See the links to the CSREES website and the Grants.gov Announcement Synopsis and Download pages.

CSREES Funding Opportunity <http://www.csrees.usda.gov/fo/specialtycropresearchinitiative.cfm>

Grants.Gov Application Package

<http://apply07.grants.gov/apply/UpdateOffer?id=10301>

Elizabeth L. Ley, Program Specialist, PAS, Plant Systems

Cooperative State Research, Education, and Extension Service

voice: 202-401-6195 fax: 202-401-4888, eley@csrees.usda.gov

AGRICULTURAL WATER ENHANCEMENT PROGRAM

I have attached** the request for proposals for the Agricultural Water Enhancement Program. Successful proposals would add funding for conservation practices into Tennessee.

Looks like there will be \$54.8 million available nationally for AWEPP in 2009 as you can see in the attachment. Entities are eligible to enter into partnership agreements. These entities include, but are not limited to, federally recognized Indian Tribes, States, units of local government, agricultural or silvicultural associations, other groups of such producers, such as an irrigation association, agricultural land trust, or other nongovernmental organization that has experience working with agricultural producers.

All Federal funds awarded through this request for proposals (RFP) will be paid to producers. No Federal funding may be used to cover administrative expenses of partners. Administrative activities include any indirect or direct costs relating to submitting or implementing the project proposal.

Tennessee does qualify for funding based on the exceptional droughts of recent years in the state. Exceptional Drought (D-4) is defined by the National Oceanic and Atmospheric Administration, exceptional widespread crop/pasture losses; exceptional fire risk; shortages of water in reservoirs, streams, and wells, creating water emergencies.

NRCS in Tennessee would be glad to assist partners who are considering applying for the funds.

All proposals must be post marked by **March 2, 2009**.

Let us know if we can be of assistance.

John Rissler

Assistant State Conservationist for Programs

Nashville, TN

Phone 615-277-2567

Cell 615-347-7764

****Please see Dave Stone for a copy of this RFP**

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REMINDERS:

\$58.4 MILLION TO PRODUCERS, ENTITIES THROUGH NEW CONSERVATION PROGRAM

WASHINGTON, Jan. 14, 2009-Agriculture Secretary Ed Schafer today announced that up to \$58.4 million in financial assistance is available to agricultural producers and entities through the **Agricultural Water Enhancement Program (AWEP)**, established in the new farm bill to promote ground and surface water conservation and water quality improvement. USDA is seeking project proposals from potential partners through this program. A Request for Proposals was published in the Federal Register today. Proposals must be submitted by **March 2, 2009**.

The AWEP Request for Proposals can be viewed at the USDA-Natural Resources Conservation Service's (USDA-NRCS) <http://www.nrcs.usda.gov/programs/farmbill/2008/interim-rules.html> Web site; at the official government regulation <http://www.regulations.gov/search/index.jsp> Web Site; and at the Federal Register. <http://www.gpoaccess.gov/fr/>

The Food, Conservation, and Energy Act of 2008, or 2008 Farm Bill, established AWEP as a component of the Environmental Quality Incentives Program (EQIP), USDA's largest conservation program on working agricultural lands. All EQIP requirements and policies will apply to AWEP.

USDA-NRCS administers EQIP, a voluntary conservation program that provides technical assistance and payments to help crop and livestock producers address environmental concerns through conservation improvements on agricultural and non-industrial private forests lands. Farmers and ranchers can use EQIP to farm in an environmentally friendly manner and still meet their agricultural production goals. In addition, it is designed to produce significant environmental benefits to the public, such as improved soil, water and air quality, and enhanced wildlife habitat.

The new farm bill expanded EQIP to include AWEP. AWEP offers financial and technical assistance to help farmers and ranchers carry out water enhancement activities that conserve ground and surface water and improve water quality on agricultural lands such as cropland, pasture, grassland and rangeland.

Under this new program, USDA-NRCS can contract directly with agricultural producers who are included in approved partner proposals.

Eligible partners include federally- recognized tribes, states, units of local government, or agricultural or silvicultural associations. Producers who apply for AWEP assistance must meet EQIP eligibility requirements. All AWEP funding must go to producers. Like EQIP, contract terms for producers under AWEP run from 1 year to 10 years.

Agricultural producers in selected project areas can apply for available AWEP funds at their local USDA service center.

For additional information about the AWEP under EQIP, please visit <http://www.nrcs.usda.gov/programs/EQIP> or call (202) 720-1845 during business hours.

EPA REGION 4 2009 STRATEGIC AGRICULTURE INITIATIVE (SAI) REQUEST FOR PROPOSALS DUE FEB 28, 2009

AGENCY NAME: U.S. Environmental Protection Agency (EPA), Region 4; Air, Pesticides, Toxics Management Division

FUNDING OPPORTUNITY TITLE: Strategic Agricultural Initiative (SAI): FY09 Request for Applications

FUNDING OPPORTUNITY NUMBER: EPA-R4-SAI-09-001

ANNOUNCEMENT TYPE: Request for Applications – Initial Announcement FY2009

CATALOG OF FEDERAL DOMESTIC ASSISTANCE (CFDA) NUMBER: CFDA 66.716 – Surveys, Studies, Demonstrations, Educational Outreach, and Special Projects

EXECUTIVE SUMMARY: The U.S. Environmental Protection Agency (EPA) Region 4 is soliciting applications to help implement the Food Quality Protection Act (FQPA) and to support efforts by the agricultural community to “transition” away from high risk pesticides (Organophosphates, carbamates, and Fumigants) to the use of less and reduced risk pesticides, alternative methods of agricultural pest control, and sustainable practices in food production. The program supports grants for education, extension, demonstration, and studies for FQPA transition and reduced risk practices for pest management in agriculture, especially on minor use crops (most fruits and vegetables).

FUNDING/AWARD: The total estimated funding for this competitive opportunity is approximately \$268,000. EPA anticipates awarding 2-3 grants from this announcement, subject to availability of funds and the quality of proposals received. The maximum award is \$100,000.

For more information, please see Dave Stone.

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OPPORTUNITIES TO PARTICIPATE IN NEW MULTI-STATE HATCH PROJECTS:

If interested in joining any of the following projects, please contact Lisa Morgan lrmorgan@tennessee.edu for help with needed forms and application process.

NE TEMP1541 "Environmental Impacts of Equine Operations"

Please submit the Appendix E no later than **02/20/2009**

NE TEMP1601 "Hydropedology: Genesis, Properties, and Distribution of Hydromorphic Soils"

Please submit the Appendix E no later than **02/20/2009**

NRSP TEMP3 "The National Atmospheric Deposition Program (NADP)"

Please submit the Appendix E no later than **02/23/2009**

The following are directions for viewing the project proposals and for creating in Appendix E to authorize participation by your scientist(s) /specialist(s) in this proposed activity

To View the Proposal:

1. Go to the National Information Management Support System at <http://nimss.umd.edu>
2. Insert your login and password. (If you don't have a login ID, you'll need to register, also at the URL above.)
3. In the Top Menu, Select Project then Select View Projects
4. Enter the project number, (NE_TEMP1541 or NE_TEMP1601 or NRSP_TEMP3)

To Create and Submit an Appendix E for a Proposed Project:

1. Go to the National Information Management Support System at <http://nimss.umd.edu>
2. Insert your login and password. (If you don't have a login, you'll need to register, also at the above URL.)
3. In the Top Menu, Select Participants then Select Draft/Edit
4. On the Left side Menu, Select "Draft New"
5. Select the project number (NE_TEMP1541 or NE_TEMP1601 or NRSP_TEMP3)
6. Fill out the form.
7. Click on Submit.

Please contact the Administrative Advisor if you have questions about the proposed project.

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RFA FOR ORGANIC AGRICULTURE RESEARCH AND EXTENSION INITIATIVE:

USDA/CSREES has released the RFA for the Organic Agriculture Research and Extension Initiative. Deadline for applications is **March 9, 2009**.

The RFA can be found at: http://www.csrees.usda.gov/funding/rfas/pdfs/PAS_OREI_RFA.pdf

Additional general information can be seen at:

<http://www.csrees.usda.gov/fo/organicagricultureresearchandextensioninitiative.cfm>

RFA for the Specialty Crops Research Initiative:

The Letter of Intent due date of **March 23** and the proposal due date of **April 15**. CSREES anticipates that over \$47 million will be awarded. There are a few changes from last year, so please read carefully. There are fewer project types and we are requiring an executive summary that will help reviewers locate the various components of the evaluation criteria. CSREES Funding Opportunity <http://www.csrees.usda.gov/fo/specialtycroppresearchinitiative.cfm>
Grants.gov Synopsis

<http://www.grants.gov/search/search.do;jsessionid=JHKBJKF62WffH1yl4nTyd0m21pv7XyxhKW5GZhJKTnH6nxGG7hWb!994572762?oppld=45127&flag2006=false&mode=VIEW>

>

<http://www.grants.gov/search/search.do;jsessionid=JHKBJKF62WffH1yl4nTyd0m21pv7XyxhKW5GZhJKTnH6nxGG7hWb%21994572762?oppld=45127&flag2006=false&mode=VIEW>>

Grants.Gov Application Package <http://apply07.grants.gov/apply/UpdateOffer?id=10301>

Contact is Tom Bewick - tbewick@csrees.usda. 202-401-3356

FOA: R&D FOR TECHNOLOGIES/PROCESSES TO PRODUCE BIOFUELS, BIOENERGY, AND HIGH-VALUE BIOBASED PRODUCTS:

The U.S. Departments of Energy (DOE) and Agriculture (USDA) announce up to \$25 million in funding for research and development of technologies and processes to produce biofuels, bioenergy, and high-value biobased products, subject to annual appropriations.

USDA and DOE are issuing this joint funding opportunity announcement (FOA) for several types of projects aimed at increasing the availability of alternative renewable fuels and biobased products. The projects will aim to create a diverse group of economically and environmentally sustainable sources of renewable biomass. Advanced biofuels produced from these types of sources are expected to reduce greenhouse gas emissions by a minimum of 50 percent.

The FOA will fund projects in the following three technical areas specified in the Food, Conservation, and Energy Act (FCEA) of 2008:

- Feedstocks development;
- Biofuels and biobased products development; and,
- Biofuels development analysis.

Award amounts are planned to range from \$1 million to up to \$5 million with project periods up to four years, subject to annual appropriations. Eligible applicants include institutions of higher education, national laboratories, federal research agencies, state research agencies, private sector entities, non-profit organizations, or a consortium of two or more of those entities.

The FOA is available online at www.grants.gov. The closing date for pre-applications is **March 6, 2009**, which must be submitted electronically. A minimum recipient cost-share of at least 20 percent of total project cost for research and development projects and 50 percent of total project cost for demonstration projects is required.

The complete application package can be found at:

<http://www07.grants.gov/search/search.do;jsessionid=TTpHJGnJQf9TsVlqLXMCgnRrLP723hIJ17QHJ6R2jk2L34cJCjy9!1691723039?oppld=45093&flag2006=false&mode=VIEW>

Daniel Cassidy, Ph.D. *National Program Leader for Forest-based Bioenergy*

USDA Cooperative State Research, Education, & Extension Service

Tel: 202-401-6444 Fax:202-401-1706

3210 Waterfront Centre, 800 9th St, SW. Washington DC 20024

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Biomass Research and Development Initiative

Pre-Application Due Date: 3/6/2009, 5:00 PM Eastern Time

<http://www.csrees.usda.gov/fo/biomassresearchanddevelopmentinitiative.cfm> or

<http://www.csrees.usda.gov> -- search under "grants"

Eligible entities include: (A) an institution of higher education; (B) a National Laboratory; (C) a Federal research agency; (D) a State research agency; (E) a private sector entity; (F) a nonprofit organization; or (G) a consortium of 2 or more entities described in subparagraphs (A) through (F)

Technical areas:

1. Feedstocks Development through the development of crops and cropping systems relevant to production of raw materials for conversion to biobased fuels and biobased products, including:

- Development of advanced and dedicated crops with desired features, including enhanced productivity, broader site range, low requirements for chemical inputs, and enhanced processing;
- Advanced crop production methods to achieve the features described in paragraph 1 above;
- Feedstock harvest, handling, transport, and storage; and
- Strategies for integrating feedstock production into existing managed land.

READ THE FULL ANNOUNCEMENT CAREFULLY BEFORE APPLYING

REMINDERS:

EPA REGION 4 2009 STRATEGIC AGRICULTURE INITIATIVE (SAI) REQUEST FOR PROPOSALS DUE FEB 28, 2009

AGENCY NAME: U.S. Environmental Protection Agency (EPA), Region 4; Air, Pesticides, Toxics Management Division

FUNDING OPPORTUNITY TITLE: Strategic Agricultural Initiative (SAI): FY09 Request for Applications

FUNDING OPPORTUNITY NUMBER: EPA-R4-SAI-09-001

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THE 2009 NSF / AAAS VISUALIZATION CHALLENGE You See It All

The elegance of the soaring structure, the beauty of the fine detail, the mystery of the hidden pattern, the insight of the novel perspective — you see it all. In your work, in your mind's eye, on the computer screen or the lab bench, through a camera's lens or an artist's imagination — you see it all. Now show the rest of us and claim the recognition of the world.

ENTRY DEADLINE: SEPTEMBER 15, 2009 The 2009 International Science & Engineering Visualization Challenge is co-sponsored by the National Science Foundation (NSF) and the journal *Science*, published by the American Association for the Advancement of Science (AAAS).

Awards categories include: Photographs/Pictures, Illustrations/Drawings, Informational/Explanatory Graphics, Interactive Media, and Non-Interactive Media.

Winning entries will be published in a special section of the February 19, 2010 issue of the journal *Science* and *Science Online* and on NSF's website. One winning entry will appear on the front cover of *Science*.

For more information, see: <http://www.nsf.gov/news/scivis>

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THE 2009 UT LADY VOLS VS VANDY BLOOD DRIVE

Hollingsworth Auditorium on Thursday, February 19, from 8:00 am to 4:30 p.m.

Donors will get a free UT vs Vandy t-shirt,, and Medic's family blood coverage. One donation a year exempts you and your IRS dependants from paying supplier processing fee.

Please call 7159 or e-mail jbelle12@utk.edu if you would like to donate blood. Scheduling appointments will help determine the appropriate number of donors to prepare for. If you are not sure of your schedule, please go by Hollingsworth Auditorium anytime on February 19th and you will be processed as quickly as possible.

SEMINAR: "Microbial Cellulose Utilization: Fundamentals and Biotechnology"

The Department of Microbiology, Department of Biochemistry and Cellular and Molecular Biology and Genome Science & Technology Program (GST) will host seminar speaker Dr. Lee Lynd from Dartmouth College on **February 16, 2009**.

The title of his seminar will be "Microbial Cellulose Utilization: Fundamentals and Biotechnology". I am preparing his itinerary and would like to know if you would be interested in meeting with Dr. Lynd on Monday, February 16.

Please let me know if you are available to meet with Dr. Lynd?

Thanks, Nancy Loftis, 974-3441

NEW CLASSES SPONSORED BY EMPLOYEE & ORGANIZATIONAL DEVELOPMENT

There are several ways to register for courses: call our office at (865) 974-6657 or register online by clicking the registration link on our website at <http://humanresources.tennessee.edu/eod>.

Managing Your Money

Facilitator: Representative from Consumer Credit Counseling
April 17, 9:00-11:30, 605 Hodges Library

Managing Your Debt

Facilitator: Representative from Consumer Credit Counseling
May 15, 9:00-11:30, 605 Hodges Library

Planning Your Financial Future

Facilitator: Representative from Consumer Credit Counseling
June 26, 9:00-11:30, 605 Hodges Library

Steps to Homeownership

Facilitator: Representative from Consumer Credit Counseling
July 16, 9:00-11:30, 605 Hodges Library
August 5, 9:00-11:30, 605 Hodges Library

Coping with Downsizing and Job Loss

Facilitator: Representative from Magellan Health Services
March 3, 10:00-12:00, 238 Conference Center Building
April 29, 10:00-12:00, 218 Conference Center Building

This training has two main purposes. The first purpose is to help participants understand the normal phases and feelings they may experience with the knowledge that downsizing and job loss are on the horizon.

The second is to help participants-even in the midst of these feelings-prepare to move forward.

Change Management Workshop for Employees

Facilitator: Representative from Magellan Health Services
March 5, 10:00-12:00, 218 Conference Center Building
April 3, 10:00-12:00, 218 Conference Center Building

This awareness-building training introduces the nature of change in today's personal, organizational, and societal environment. It describes change as both a challenge and an opportunity for growth. Phases of change are described and participants are introduced to self care strategies to assist them at each phase.

ANNOUNCEMENT

Undergraduate Summer Research Internships

All undergraduate students enrolled at the Knoxville campus are eligible to apply.

This program consists of UT Knoxville Undergraduate Summer Internships and DOE Science Undergraduate Laboratory Internships at ORNL

Visit our website for more information at:

[UT Knoxville Undergraduate Summer Internships](#)

[DOE Science Undergraduate Laboratory Internships at ORNL](#)

UT Knoxville Undergraduate Summer Internship

Up to 25 internships at \$2,000 each will be awarded to support students who will work on a research or creative project with a UT Knoxville faculty mentor for two months in the summer of 2009. The purpose of these internships is to increase the participation of undergraduate students in the UT research enterprise. The UT Knoxville Office of Research administers this internship program with funding provided by the [Office of the Chancellor](#).

Completed proposals must be received by the Office of Research (1534 White Avenue) no later than noon, **March 6, 2009**.

DOE Science Undergraduate Laboratory Internships at ORNL

Oak Ridge National Laboratory (ORNL) sponsors the second part of the program by funding internships for students to work directly with a professional researcher at ORNL. These internships will carry a stipend for work at ORNL during the summer of 2009. For additional information and deadlines see this website:

<http://see.ornl.gov/ProgramDescription.aspx?Program=10055>