Allender MC, Schumacher J, Thomas V, McCauley RL, Rouse DR. "Infectious and non-infectious diseases of snakes" at the University of Illinois, "Introduction to shark medicine," and "Infectious and non-infectious diseases of reptiles." "Invertebrate captive husbandry and medicine," "Small animal clinical sciences," and "Experimental medicine research." Dr. J Tan, Dr. N Frank, Dr. F Andrews, and Dr. M Allender presented a poster at the Conference on Avian Influenza Research at the University of Illinois, August 8-10, 2008. Other authors for the November meeting are Drs. M Allender, Dr. F Andrews, and Dr. N Frank. "Infectious and non-infectious diseases of reptiles." "Invertebrate captive husbandry and medicine," "Small animal clinical sciences," and "Experimental medicine research." Dr. J Tan, Dr. N Frank, Dr. F Andrews, and Dr. M Allender presented a poster at the Conference on Avian Influenza Research at the University of Illinois, August 8-10, 2008. Other authors for the November meeting are Drs. M Allender, Dr. F Andrews, and Dr. N Frank.

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Grants.gov Moving to New Submission Procedure

Out with PureEdge Viewer—In with Adobe Acrobat

A ter battling with submission quirks using PureEdge Viewer, Grants.gov officials have decided to transition to Adobe Acrobat for submission of grant applications beginning in April. The transition will be complete by June 30, with all applications using Adobe Acrobat.

However, only two versions of Acrobat will be compatible, and investigators must work from one of these versions for their grants to be submitted correctly. Adobe Acrobat versions 9.1.1 and 8.1.2 are approved as compatible with the new system.

As an alternative version of Acrobat will display the application package, once it is submitted, Grants.gov computers will not recognize its contents, causing a delay in submission. Therefore, researchers should download a new application package each time they submit because applications often change from month to month.

CEM Graduate Students Boost First-Author Papers

Four graduate students in the Comparative and Experimental Medicine program recently learned their first-author papers were published. Papers by Michael Hance (H Plummer), Hye Mee Joo (M Sangster), Ferenc Toth (N Frank), and Magdha Sukthankar (S Baek) were accepted to Breast Cancer: Basic and Clinical Research, Proceedings of the National Academy of Sciences, American Journal of Veterinary Research, and Gastroenterology, respectively.

Hance, Toth, and Sukthankar are in their 3rd year in the PhD program. Joo is in her 4th year. See “Publications” in this issue and the June issue for full details.

Research at the University of Tennessee College of Veterinary Medicine (2007) 3.1

Research Resource Spotlight

The ACGC is a one-week course to be held May 7-8 at the University of Toronto, Mississauga in Ontario, and in July in Western Canada (location TBD). The Bioinformatics Platform team designed the ACGC to empower bioinformaticists/ biology researchers and students by teaching a hands-on course that outlines tried-and-proven approaches, as well as new developments.

This course will assist researchers and students to increase their efficiency in problem solving by introducing them to the tools and services of the Bioinformatics Platform. After the course, attendees of the ACGC will have FREE access to PubMed, the world’s most comprehensive biomedical literature database.

Bioinformatics Platform
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Finding Fundings Deadline Listings Near You

Online searchable listing of 4,000+ deadline and submission dates for federal, private, national, and international funding opportunities. Updated daily; no registration required.

Funding Deadlines Listing Near You

Deadline Sponsor Program $ Amount URL
Apr. 1 American Cancer Society Basic, preclinical, clinical, & epidemiology; Post-docs, Research profs; New investigators 44,000-200,000 www.cancer.org
Apr. 1 Morris Animal Foundation Established investigators, first awards, & fellowships (If pro-proposed submit) 7,500-35,000 www.morrisanimalfoundation.org
Apr. 1 Association of Zoos and Aquariums Animal health, welfare, breeding & reintroduction, education, field conservation, & professional training 10,000-20,000 www.azaz.org
May 1 Nestlé Purina Resident or graduate student studies of dog & cat nutritional issues 15,000 www.nestlepetfood.com
May 15 AKC Canine Health Foundation If all proposal requested 12,000+ www.akcchf.org

UTCVM Brings in $888,819 for Sponsored Projects Since November

Title Agency Start date Type $ Amount
• Effects of volatile fatty acids on bioelectric properties of the equine stomach wall FM Andrews Comparative Gastroenterology Society 1/23/08 Y1 1 of 1 6,000
• Investigations into the wound healing potential of a novel spun bioabsorbable matrix MW Bohtling 3L Corporation 12/20/07 1/1 2,000
• Molecular pathways that mediate genetic susceptibility to low dose ionization radiation SA Kania UT-Battelle-Oak Ridge National Laboratory 2/15/08 2/2 23,856
• Evaluation of tyrosinase antigen expression in canine and equine melanoma JC Phillips Merial Limited 12/28/07 1/1 8,400
• Investigation of reported failures of canine heartworm chemoprophylaxis in the United States, 2003-2007 BW Rohbach 258 Animal Health 1/18/08 1/1 81,590
• T-Regulatory cells in HSV immunity and immunopathology BT Rouse NIH 2/10/08 1/4 341,670
• Mechanisms in hepatic ketosis BT Rouse NIH 1/18/08 1/1 355,300
• Estrogen enhances the carcinogenic effects of the nicotine derivative NNK HM Schuler National Lung Cancer Partnership 12/31/08 1/1 50,000
• Pharmacokinetis of topically applied ciprofloxacin and moxifloxacin in equine tears, cornea, and aqueous humor HD Westermyer American College of Veterinary Ophthalmology 1/1/08 1/1 5,000
• RNA interference of feline herpesvirus by synthetic siRNAs in canine epithelial cells RP Wilkes Winn Feline Foundation 1/1/08 1/1 15,000

Discovery: Research at the University of Tennessee College of Veterinary Medicine (2007) 3.1

American Cancer Society

1/1/1

Nestle Purina

50,000

Picture of a book cover

Web Archives Available for Course on Microarray Technology and Database Applications

The journal acknowledges that the author retains the right to provide a copy of the final manuscript to NIH, upon acceptance for journal publication or thereafter, for public archiving in PubMed Central as soon as possible after publication by the journal.
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Hance, Toth, and Sukhthankar are in their 3rd year in the PhD program. Joo is in her 4th year. See ‘Publications’ in this issue and the June issue for full details.

Web Archives Available for Course on Microarray Technology and Database Applications

The journal acknowledges that the author retains the right to provide a copy of the final manuscript to NIH, upon acceptance for journal publication or thereafter, for public archiving in PubMed Central as soon as possible after publication by the journal.

Funding Deadlines Drawing Near

Grace Thompson, Grants Officer, The American Vector Control Foundation

Researcher Spotlight

Bioinformatics Platform

Applied Computational Genomics Course (ACGC)

The ACGC is a one-week course to be held May 2-8 at the University of Toronto, Mississauga in Ontario, and in July in Western Canada (location TBA). The Bioinformatics Platform team designed the ACGC to empower bioinformatics/ biology researchers and students by teaching a hands-on course that outlines tried-and-proven approaches, as well as new developments.

This course will assist researchers and students to increase their efficiency in problem solving by introducing them to the tools and services of the Bioinformatics Platform. After the course, attendees of the ACGC will have FREE access to PubMed through a specific web site created by the ACGC team.

To register for the course, please visit: http://www.acbcg.org

Discoveries

Research at the University of Tennessee College of Veterinary Medicine (2007) 3.1

Internet access to all the Bioinformatics Platform tools and databases used in the course.

For more information, visit the Web site:

http://www.gcbioinformatics.ca/training

or E-mail Lisa Bicek, Bioinformatics Initiatives Project Manager at trainng@gcbioinformatics.ca (subject: ACGC inquiry).

Funding Deadlines Drawing Near

Deadline Sponsor Program $ Amount URL

Apr. 1 American Cancer Society Basic, preclinical, clinical, & epidemiology; Post-docs, Research profs; New investigators 44,000-200,000 www.cancer.org

Apr. 1 Morris Animal Foundation Established investigators, first awards, & fellowships (if pro-proposed in April). 7,500-35,000 www.morrisanimalfoundation.org

Apr. 4 Association of Zoos and Aquariums Animal health, welfare, breeding & reintroduction, education, field conservation, & professional training 10,000-20,000 www.aza.org

May 1 Nestle Purina Resident or graduate student studies of dog & cat nutritional issues 15,000 www.nestlepurina.com

May 15 AKC Canine Health Foundation If all proposal requested 12,000+ www.akcchf.org

UOCTV brings in $888,819 for Sponsored Projects Since November

Title PI Agency Start date Type $ Amount

Effects of volatile fatty acids on bioplastic properties of the equine stomach wall FM Andrews Comparative Gastroenterology Society 1/23/08 Y1 1 of 1 6,000

Investigations into the wound healing potential of a novel spin bissuccinoid matrix MW Bohling 35 Corporation 12/20/07 1/1 2,000

Molecular pathways that mediate genetic susceptibility to low dose ionizing radiation SA Karin UT-Battelle-Oak Ridge National Laboratory 2/15/08 2/2 23,856

Evaluation of tyrosinase antigen expression in canine and equine melanoma JC Philips Meriel Limited 12/18/07 1/1 8,400

Investigation of reported failures of canine heartworm chemoprophylaxis in the United States, 2005-2007 BW Rohrbach Novartis Animal Health 1/18/08 1/1 81,590

T-Regulatory cells in HSV immunity and immunopathology BT Russel NIH 1/21/08 3/4 341,670

Mechanisms in hepatic keratitis BT Russel NIH 1/11/08 1/1 355,300

Estrogen enhances the carcinogenic effects of the nicotine derivative NNN HM Schiller National Lung Cancer Partnership 1/11/08 1/1 50,000

Pharmacokinetics of topically applied ciprofloxacin and moxifloxacin in equine tears, cornea, and aqueous humor HD Westmeyer American College of Veterinary Ophthalmology 1/11/08 1/1 5,000

RNA interference of feline herpesvirus by synthetic siRNAs in canine epithelial cells RP Wikles Winn Feline Foundation 1/11/08 1/1 15,000

NIH-Funded Researchers May Submit All Publications to PubMed

As of April 7, a federal law mandates that all publications stemming from National Institutes of Health (NIH)-funded research be submitted to PubMed Central within one year of their publication. The new law follows a previously optional policy, but government officials are seeking even more public access of citizen-funded projects.

Deemed the ‘Public Access Policy’ by NIH, the rule will require authors to retain enough copyright to comply with the deposition order. Most journals already allow PubMed deposits after 12-month, and some of them, like Gastroenterology, offer authors the option to have their manuscripts deposited automatically by the journal. However, it is up to the authors, who are ultimately responsible, to ensure that the policy is followed.

Journals that see little NIH-funded research published in their pages might not have an appropriate copyright agreement, so it is imperative that authors be proactive before signing a copyright agreement they cannot, by law, follow.

One option for authors is to send a copyright addendum to the journal along with the manuscript. SPARC, the Scholarly Publishing & Academic Resources Coalition, offers an author addendum on its Web site (http://www.sparc.org/) and recommends amending other copyright forms to include the following language:

Abstract

Lee, Liggett Win Travel Awards

Jason Liggett, graduate student in Comparative and Experimental Medicine, and Dr. Seung Ho Lee, research assistant professor in Pathobiology, both received graduate/postdoctoral travel fellowships to attend the Experimental Biology (EB) 2008 Meeting to be held in San Diego in April. More than 13,000 biological and biomedical scientists attended the EB meeting each year. The award consists of up to $1,000 in travel expenses, plus a discounted meeting registration fee.

Liggett and Lee are part of the Environmental Carcinogenesis Laboratory research team at UTCVM and are mentored by Dr. Seung Joon Baek. The work at the laboratory focuses on the study of gene expression by anti-cancer compounds, found in diet, nonsteroidal anti-inflammatory drugs (NSAIDs), PF4, PF5, and oxaliplatin.


In this issue
- CEM research symposium Bridges
- UTK Campuses

CEM Research Symposium Bridges

UTK Campuses

T
tiles are in the Second Annual Comparative and Experimental Medicine Research Symposium, to be held June 17. Sixty-one participants have committed to giving sixty-five 10-minute oral presentations on topics ranging from bacterial biofilms to viral disease in horses.

Departmental Representation

Anesthesiology
1
Animal Science
4
Biochemistry and Cellular and Molecular Biology
1
Comparative Medicine
1
Ecology and Evolution Biology
3
Family Medicine
2
Forestry, Wildlife and Fisheries
2
Genome Science and Technology
1
Large Animal Clinical Sciences
1
Mechanical, Aerospace, and Biomedical Engineering
2
Medicine
1
Microbiology
10
Nutrition
1
Pathobiology
19
Small Animal Clinical Sciences
6

June 17

Second Annual Comparative & Experimental Medicine Research Symposium

Plant Biotechnology Bldg & Hollingsworth Auditorium

Avian Influenza Expert to Kick Off Research Symposium

Toutled as an excellent story-taker, Robert G. Webster, professor at St. Jude Children’s Research Hospital, is set to kick off the Second Annual CEM Research Symposium by providing an overview of the current state of research in avian influenza and the role of new vaccines and antivirals. The major focus of his research is the importance of influenza viruses in wild aquatic birds as a major reservoir of avian influenza viruses and their role in the evolution of pandemic strains for humans and lower animals.

A native of New Zealand, Webster received his BSc and MSc in microbiology from Otago University in New Zealand. In 1962, he earned his PhD from the Australian National University and spent the next two years as a Fulbright Scholar working on influenza in the Department of Epidemiology at the University of Michigan, Ann Arbor.

During most of his career, Webster has been Director of the World Health Organization Collaborating Center for Studies on the Ecology of Influenza in Animals and Birds, one of only five such collaborating centers in the world. His curriculum vitae contains over 500 original articles and reviews on influenza viruses, and he has trained many scientists who now contribute to our understanding of the evolution and pathogenesis of influenza.

The University of Tennessee College of Veterinary Medicine

College of Veterinary Medicine

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