**Regenerative Medicine and Cell Biology Annual Holiday Celebration** will be held on Thursday, Dec 15 at 6:30 pm on 6th Floor BSB. Please RSVP Catherine Kovacs by Dec 8, 2011.

**State Observed Holidays for Christmas and New Year’s Day**

The following is a list of Official State holidays for Christmas and New Year’s for State employees of MUSC.

<table>
<thead>
<tr>
<th>Holiday</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Christmas Eve</td>
<td>Friday, Dec 23 (Observed)</td>
</tr>
<tr>
<td>Christmas Day</td>
<td>Monday, Dec 26 (Observed)</td>
</tr>
<tr>
<td>Day after Christmas</td>
<td>Tuesday, Dec 27</td>
</tr>
<tr>
<td>New Year’s Day</td>
<td>Monday, Jan 2, 2012 (Observed)</td>
</tr>
</tbody>
</table>

All employees with State FTE or research grant positions, regardless of their regular schedules, are entitled to these holidays. Should scheduling problems exist requiring that employees work, compensatory time can be granted. Please refer to the Holiday Policy, No. 23 Human Resources Policies website.

The Office of Parking Management and University Transportation Services will be closed on December 23, and 26, 2011 and January 2, 2012, in observance of these holidays. Parking Management and University Transportation Services will operate as usual on Tuesday, December 27.

**INFORMATION TECH ADVICE**

MUSC provides licensed software for State employees and contracts. The download site and policies can be found [here](#). Some programs they offer include: MS Office, Adobe Acrobat, and EndNote. ForeFront Anti-virus (for Windows), ProtectMac Antivirus, and an upgrade to Apple Lion (OSX 10.7 from Snow Leopard 10.6) are also available.

Programs that are not available from MUSC, such as Adobe Photoshop, can be obtained from Compusult for an educational institution discounted price.

**The Salvation Army Angel Tree Program / MUSC Angel Parade**

The 2011 MUSC Angel Parade will commence from Erhardt Street on December 9, 2011 at 11:45 am.

Angels are posted on the walls of the ART Cafeteria and the University Hospital Cafeteria. For more detailed information, please click this [link](#).

MUSC is the biggest distributor of Angels in the Lowcountry - let’s keep the trend going! Please consider taking an Angel and helping a child in need this holiday season.

If you have any questions or special requests for Angels for your department, please contact Liz Nista at 2-8382 or nistal@musc.edu.

**Welcome New Students**

Matt Berger is a junior in the Honors College at the College of Charleston and recently joined Dr. Christi Kern's lab for his independent study this semester. Matt's research will continue in Dr. Kern's lab for his bachelor's essay project using the ADAMT5 deficient mouse model to investigate the etiology of myxomatous cardiac valve disease. In addition to his pre-med academic coursework Matt serves College of Charleston campus EMS (a student run ambulance service) and is a biology tutor in the Center for Student Learning. On his own time Matt is part of the Reformed University Fellowship, a student ministry group on campus, and plays intramural soccer.

**Matt Berger**

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**Dept. of Regenerative Medicine and Cell Biology**

**Medical University of South Carolina**

173 Ashley Avenue, BSB 601
Charleston, SC 29425
843.792.3521
Student Research Day Winners

Five students from this department won honors during MUSC Student Research Day held on November 4, 2011:

**Session 9 – PhD III Poster**

1st Place: Daniel Grass
Regulation of Invadopodia Formation and Activity By Emmprin (CD147), Daniel Grass, Momka Bratoeva, Bryan P Toole; Regenerative Medicine and Cell Biology, MUSC.

**Session 14 – Undergraduate IV Oral**

1st Place: Aaron Blackshaw
Nkx2.5 Regulates Hoxb4, MiR-10a, and Jarid2 Expression in the Developing Heart, Aaron M Blackshaw, Kyu-Ho Lee; CofC, MUSC Pediatric Cardiology.

2nd Place: Sharon L. Guffy
Comparative Transcriptome Analysis to Identify Genes Regulating Elastogenesis, Sharon L Guffy, Erin L Pardue, Jeremy L Barth, Kathleen R Braun, Thomas N Wight, W Scott Argraves; Regenerative Medicine and Cell Biology, MUSC, Benaroya Research Institute.

**Session 19 – PhD VII Oral**

1st Place: Haley B. Lindner (this award is also the William & Betty Peterson Award winner, which is considered the highest honor of the Student Research Day event)
PGlcNAc Nanofibers From a Marine Diatom Stimulate a Scarless Wound Healing Program, Haley B Lindner, Aiguo Zhang, Juanita Eldridge, Arun Seth, Rick Visconti, Amy Bradshaw, John Vournakis, Robin C Muise-Helmericks; Regenerative Medicine and Cell Biology, MUSC, Sunnybrook Research Institute, University of Toronto, Medicine, MUSC, Marine Polymer Technologies

**Session 20 – Postdoc/Residents/Fellows Oral**

1st Place: Matthew Rhett
Connexin43 Interacts with Voltage-Gated Sodium Channel 1.5 in the Perinexus of Cardiomyocytes, J Matthew Rhett, Jane Jourdan, Robert G Gourdie; Regenerative Medicine and Cell Biology, MUSC.

On Nov 16th, Dr. Bacro, Director of the CASE, met with Angelica Christie from the SC AHEC Health Careers Program initiatives regarding scheduling again this year the Summer Academy. The South Carolina AHEC Summer Careers Academy is a program designed to increase the acceptance, retention, and graduation rates of under-represented minority and disadvantaged students to nursing, dental, medicine and pharmacy training programs in South Carolina. The Academy is conducted in collaboration with the MUSC College of Nursing, College of Dental Medicine, College of Medicine, Library and the South Carolina College of Pharmacy. The 2011 Academy is scheduled for June 5-10, 2011 (link). Dr Bacro will present on Wednesday, June 6th, an introduction to gross anatomy in health careers. This lecture will be followed by a hands-on experience in the gross anatomy laboratory.

Dr Bacro and Chris Magaldi, Associate Engineer with the MUSC College of Medicine, are continuing to work with the Newcomb and Boyd Consulting Engineering Group and Perkins and Will to advance the feasibility study regarding the renovation of the CASE laboratory. A tentative design for the CASE lab has been received and minor modifications have already been proposed. The team is now finalizing the plans and the cost estimates should be available before the end of the year.
LCME Accreditation of the College of Medicine

The COM is currently in Self-Study mode in preparation for LCME Accreditation, the culmination of 17 months of data gathering and self-study. The MUSC Self-Study Committee of the COM was formed this past May (2011), with 12 subcommittees (10-20 people on each, with 3 people from Regenerative Medicine and Cell Biology: Roger Markwald, Ed Krug, David Bernanke). The subcommittees are currently collecting data on a wide-range of topics for the COM and the University, including COM and departmental administration, operations, physical plant, finances, faculty and other personnel (both clinical and basic sciences), research and research resources, the students (who they are, where they come from, admissions policies and procedures – including medical students, graduate students, residents, postdocs), and the curriculum (content, management, testing, etc.). The information is being assembled into a database document from which summary reports are being written by the subcommittees. Following a period for additions and corrections, a compiled report will be prepared by Dr. Bob Sade (Surgery) in February 2012, then a mock site visit will be held in May (details to be determined). The final report will be done in July and submitted in August 2012, followed by a period for comments and corrections, as needed. The LCME Accreditation Site Visit is scheduled for January 13-16, 2013. The efforts toward accreditation have taken on a greater significance in light of the unsuccessful reviews of 5 schools in the U.S., now on probation, and the revoking of accreditation of one additional school, based on issues related to scholarships, diversity (students and faculty), student support (including “student well-being”), financial resources, planning, sufficient key personnel, etc. Past reviews of the COM have been very positive in all areas, so successful accreditation is expected.

Other Education News

The COM teaching of first-year medical student lectures moved to the Drug Discovery Building auditorium from Baruch Auditorium, beginning on October 24. The new venue provides better sound, better lighting, better A/V equipment, and less outside background noise due to street traffic. The DDB auditorium is now the site for COM medical student exams, done on laptop computers for both first and second years. The medical students Block exam questions are in the style of the NBME examination questions.

Research

Josh Spruill Imaging Facility News

- The NEW Resource Calendar has been restored, and will be implemented during the first two weeks of December.

IMAGE of the MONTH: Do you have an interesting research image? We would like to show off your work on the department lobby information displays, and include them in the Research Newsletter. Submit your image with a brief legend to Dr. Scott Argraves (argraves@musc.edu).

Calendar

**December 6** MUSC Golden Apple Awards, 12pm, BSB Auditorium

**December 6** SEMINAR - Dr. Zsuzsanna Izsvak, Max-Delbruck-Center for Molecular Medicine, Berlin, Germany, “Regulation and Application of Transposable Elements in Vertebrates”, Conference Room BSB 611, 12:00pm.

**December 9** SC Biomaterials COBRE Meeting, 11am, USC School of Medicine, Columbia

**December 9** Classes End

**December 12-17** Final Examinations

**December 15** Regenerative Medicine & Cell Biology Holiday Celebration, 6th Floor Basic Science Building, 6:30pm.

**December 23** Christmas Eve Observed - MUSC Holiday

**December 26** Christmas Day Observed - MUSC Holiday

**December 27** Day After Christmas Observed - MUSC Holiday

**January 2** New Year’s Day Observed - MUSC Holiday

*Dates and Times subject to change. Check the website for up to date information.*

Have content for the Newsletter? Send information to brownjoa@musc.edu