<table>
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<th>Seminar Date</th>
<th>Speaker</th>
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| August 22, 2012   | **Susan W. Herring, Ph.D.**  
Professor, Department of Orthodontics  
University of Washington Dental School  
Title: Chewing and the TMJ: Functional Mechanics  
Host: Dr. Courtney J. Haycraft |
| September 5, 2012 | **Louis Luttrell, M.D., Ph.D.**  
Professor, Department of Medicine – Division of Endocrinology  
Medical University of South Carolina  
Title: Refining efficacy: Exploiting arrestin pathway-selective bias to achieve unique Parathyroid Hormone effects in bone.  
Host: Dr. Courtney J. Haycraft |
| September 19, 2012| **Jerry Feng, M.D., Ph.D.**  
Professor, Department of Biomedical Sciences  
Baylor College of Dentistry  
Title: A Novel Role of PDL in Alveolar Bone Formation during Physiological and Pathophysiological processes  
Host: Dr. Keith L. Kirkwood |
| October 3, 2012   | **Yan Huang, M.D., Ph.D.**  
Professor, Department of Medicine – Division of Endocrinology  
Medical University of South Carolina  
Title: Regulation of LPS-Induced Gene Expression in Macrophages by Saturated and Unsaturated Fatty Acids  
Host: Dr. Visu Palanisamy |
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<th>Date</th>
<th>Presenter</th>
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<tr>
<td>October 17, 2012</td>
<td>Wendy Vanden Berg-Foels, Ph.D.</td>
<td>Research Assistant Professor, Department of Craniofacial Biology Medical University of South Carolina</td>
<td>Title: Cartilage regeneration in the temporomandibular joint</td>
<td>Dr. Hai Yao</td>
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<td>October 31, 2012</td>
<td>Joseph Lorenzo, M.D.</td>
<td>Professor, Department of Medicine - Division of Endocrinology and Metabolism University of Connecticut</td>
<td>Title: Studies of osteoclast precursor cells and the role of Runx1 in osteoclast differentiation</td>
<td>Dr. Keith L. Kirkwood/Dr. Michael Valerio</td>
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<td>November 14, 2012</td>
<td>Andrew G. Jakymiw, Ph.D.</td>
<td>Assistant Professor, Department of Craniofacial Biology Medical University of South Carolina</td>
<td>Title: Endosomolytic peptide-mediated delivery of therapeutic siRNAs targeting the CIP2A oncogene into oral cancer cells</td>
<td>Dr. Caroline Westwater</td>
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<td>November 28, 2012</td>
<td>Mari Kaartinen, Ph.D.</td>
<td>Associate Professor, Faculty of Dentistry – Division of Oral Biology Faculty of Medicine – Division of Experimental Medicine McGill University</td>
<td>Title: Transglutaminases, matrix stabilization and differentiation of osteoblasts and adipocytes</td>
<td>Dr. Amy Bradshaw</td>
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Sponsored by: MUSC Center for Oral Health Research (COHR), Training in Craniofacial and Oral Health Research (T32DE017551), The Department of Craniofacial Biology, and The College of Dental Medicine