

# UK College of Dentistry Research Day

Wednesday, March 25, 2015

Lexington Convention Center

## Thoroughbred 6-7

**Chair:** Jeffrey Ebersole, PhD

Alvin L. Morris Professor of Oral Health Research  
Director, Center for Oral Health Research  
Associate Dean for Research, College of Dentistry

### 1:45 - 3:15 pm: Research Presentations

- 1:45 - 2:00 pm:** “Combined Genetic Polymorphisms and Environmental Factors in the Etiology of a Chronic TMD Murine Model”  
**Karin High, PhD**  
Department of Physiology
- “Catechol-O-methyltransferase Inhibition Alters Pain and Anxiety-Related Volitional Behaviors Through Activation of  $\beta$ -adrenergic Receptors in the Rat”  
**Fernando G. Exposto, LMD, MS**  
Orofacial Pain Center
- 2:15 - 2:30 pm:** “Facial Shape Analysis of 13 Brazilian Families with Class III Malocclusion”  
**Walid Harsha, BDS**  
Division of Orthodontics  
Department of Oral Health Science
- 2:30 - 2:45 pm:** “Biphosphonates and Skeletal Metastasis: Resorption Agonists Reduce Zoledronic acid’s Effectiveness in Bone-Tumour Microenvironment by Modulating PTP Expression in Osteoclasts”  
**Subramanya N. Pandravadra, PhD, MS**  
Division of Orthodontics
- 2:45 - 3:00 pm:** “S. gordonii-induced Oral Epithelial Chemokine Transcription and Translation are Disconnected”  
**Octavio A. Gonzales, DDS, MS, PhD**  
Center for Oral Health Research
- 3:00 - 3:15 pm:** “Apoptotic Pathways During Initiation, Progression, and Resolution of Periodontitis across the Lifespan”  
**Jeffrey Ebersole, PhD**  
Center for Oral Health Research

### 3:30 - 5:30 pm: Poster Session

In Conjunction with:

**UK Center for Clinical and Translational Science**  
**10th Annual Spring Conference**

