Lab News

This month, the School of Dental Medicine will hold its 4th Annual Student Research Award Competition. This competition also serves as a practice session for students who will be presenting at the annual IADR meeting. This year’s IADR meeting will be March 20th-23rd in Seattle, Washington.

The award competition is open to the public. It will be held on March 8th at 4:30pm in room 458. The following students will compete for an award:

**Presentations**

**Christine Chung**

Dr. Christine Wankiiri-Hale

Milks Have Positive Effects Comparable to Fluoride on Enamel (to be presented as a poster at the upcoming IADR/AADR Session in Seattle)

**Shahryar Khaliq**

Dr. Kelly Williams

Beta-Defensin 1 and Caries Experience in the Primary Dentition (to be presented as a poster at the upcoming IADR/AADR Session in Seattle. S. Khaliq is an AADR Bloc Travel grant recipient)

**Kenneth Kim**

Dr. Michael Dobos

Studies of Genetic Variation in TRAV4 and Recurrent Aphthous Stomatitis (to be presented as a poster at the upcoming IADR/AADR Session in Seattle)

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**DRDR Update**

**Recruitment Summary**

**Subjects Recruited**

3885

**Subjects Declined**

570

**Compliance Rate**

87%

**Recruitment Location**

| Module 1 | Emergency Care | 68 | UDHS | 8 |
| Module 2 | Oral Surgery | 43 | Orthodontics | 150 |
| Module 3 | Pediatric Dentistry | 246 | Other | 77 |
| Module 4 | Implant Center | 15 | AEGD | 22 |
| Dental Hygiene | Prosthodontics | 31 | Perio | 13 |

3rd-Year dental students are participating in an inter-professional experience as part of their rotations. Students shadow doctors at the UPMC Digestive Disease Center and offer dental evaluations to patients at the DDC. Studies have suggested that periodontal disease is connected to various systemic diseases, such as irritable bowel disease. This rotation aims to give the students experience to working with physicians and nurses in a hospital setting.

**Affected by Digestive Disease**

27

**Not Affected by Digestive Disease**

27
Lab News (continued)

Presentations

Serena Hsin
Case-Control Study Confirms Role of ESRRB in Caries (to be presented as an oral communication at the upcoming IADR/AADR Session in Seattle. S. Hsin is an AADR Bloc Travel grant recipient)

Dr. Christine Wankiiri-Hale

Soojin Kim
Beta-Defensin 1 is Associated with Recurrent Aphthous Stomatitis (to be presented as a poster at the upcoming IADR/AADR Session in Seattle)

Dr. Christine Wankiiri-Hale

Chijoke Eseonu
Revisiting the Etiology of Hemifacial Microsomia (to be presented as a poster at the upcoming IADR/AADR Session in Seattle)

Dr. Erika Küchler

Kate Raffensperger
Diets Rich in Fruits and Vegetables Predispose to Enamel Erosion (to be presented as a poster at the upcoming IADR/AADR Session in Seattle)

Dr. Michael Dobos

Garima Sinha
Retrospective Study of Relationship between BMI and Periodontal Disease (to be presented as a poster at the upcoming IADR/AADR Session in Seattle. This paper is competing in the junior category for the AADR 2013 Hatton Award)

Dr. Erika Küchler

Kyle Howell
Zoledronic Acid, Occurrence of (Jaw) Osteonecrosis among Nursing Home-bound Female Elders (to be presented as a poster at the upcoming IADR/AADR Session in Seattle. K. Howell is an AADR Bloc Travel grant recipient)

Dr. Michael Dobos

Mathew Pham
Phosphophoryn Expression Elicits Differential Growth Responses in Fibroblasts and Osteoblasts (presented as a poster at the 5th Fall Focused AADR Symposium in Pittsburgh November 2012)

Dr. Mark Mooney

Jason Yang
Remineralization of Enamel Subsurface Lesions Using Bioinspired Phosphorylated Peptides (original presentation)

Dr. Adriana Modesto

Serena Hsin
Looking at the Role of Novel Genes in Tooth Agenesis (presented as a poster at the 5th Fall Focused AADR Symposium in Pittsburgh November 2012)

Dr. Erika Küchler

Shahryar Khaliq
Caries Affect and Susceptibility to Periapical Pathology Formation (presented as a poster at the 5th Fall Focused AADR Symposium in Pittsburgh November 2012)

Dr. Elizabeth Bilodeau

For newsletter questions, comments or suggestions please e-mail Sarah Vinski at SEV52@pitt.edu