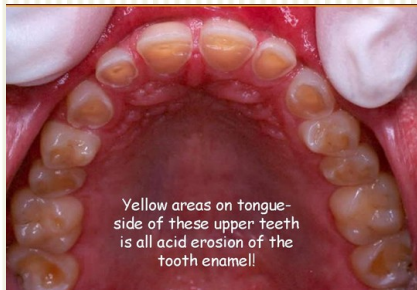




# Vieira Lab Newsletter

## Lab News

Pallavi Muluk, a 9th grade student from the Ellis School, has won the Pennsylvania Junior Academy of Science (PJAS) regional competition 1st place award in biology, as well as special awards from Duquesne University, University of Pittsburgh, and the Director's Award for excellence in biology from the PJAS. Pallavi developed her own project idea on determining the effects of certain drinks on dental enamel and worked with Dr. Vieira to design her experiments. She is now preparing to present her work entitled "What Protects Our Teeth from the Drinks We Love?" at the state competition next May, to be held at the Penn State campus in State College, PA. Dr. Vieira currently mentors two high school students developing science projects in the lab.



Yellow areas on tongue-side of these upper teeth is all acid erosion of the tooth enamel!

Pallavi created an in vitro model to determine enamel hardness, which mimics enamel erosion clinically.

## Upcoming Events

### 5th Pre-AADR and Student Research Competition

When: February 24, 2014

4:30pm

Where: 458 Salk Hall

### AAADR Annual Meeting

When: March 19-22, 2014

Where: Charlotte, N.C.

## Recent Publications

### Risk of nonsyndromic cleft lip and palate in relatives of women with breast cancer.

Martelli DR, Vieira AR, Fonseca AT, Coletta RD, Soares PB, Martelli-Júnior H. Am J Med Genet A. 2014 Jan;164A(1):270-1. doi: 10.1002/ajmg.a.36186.

## DRDR Update

Tables show running totals of patient recruitment

## Recruitment Summary

<b>Subjects Recruited</b>	4315
<b>Subjects Declined</b>	672
<b>Compliance Rate</b>	86%

## Subject Recruitment Location

<b>Module 1</b>	1093	<b>Emergency Care</b>	68	<b>UDHS</b>	8
<b>Module 2</b>	1431	<b>Oral Surgery</b>	43	<b>Orthodontics</b>	150
<b>Module 3</b>	520	<b>Pediatric Dentistry</b>	254	<b>Other</b>	83
<b>Module 4</b>	240	<b>Implant Center</b>	15	<b>AEGD</b>	22
<b>Dental Hygiene</b>	273	<b>Prosthodontics</b>	46	<b>Perio</b>	17
<b>Endo</b>	52	<b>Affected by Digestive Disease</b>	51	<b>Not Affected by Digestive Disease</b>	52