

Vieira Lab Newsletter

Lab Meeting Schedule 403 Salk Hall

Vieira Lab meetings are held every other Tuesday from 12:30 to 1:30.

• **March 3, 2009**

IADR Conference Practice Presentation

Title: Mutans Streptococci Detection in Human DNA Samples Extracted from Saliva

Presenter: Nick Callahan

• **March 17, 2009**

IADR Conference Practice Presentation

Title: Mutans Streptococci Detection in Human DNA Samples Extracted from Saliva

Presenter: Nick Callahan

• **March 31, 2009**

IADR Conference Practice Presentation

Title: Mutans Streptococci Detection in Human DNA Samples Extracted from Saliva

Presenter: Nick Callahan

Lab News

With the support from the University of Pittsburgh Clinical and Translational Science Institute (CTSI), the School of Dental Medicine Clinical Research Center, directed by Dr. Vieira, acquired three pieces of equipment to help boost clinical research activities at the school. The CTSI is also supporting the continued activities of the Dental Registry and DNA Repository. The Clinical Research Center is located in B21 at Salk Hall. A portable ultrasound machine, a tridimensional face imager, and a digital panoramic radiography machine were purchased. In addition to the DRDR resources, these pieces of equipment, valued all together at \$135,000, are available to our faculty and students to support their research initiatives. For more information on how utilize these, please contact Dr. Vieira.



Digital Panoramic X-Ray Machine



Lisa Babb, a dental student, using the portable ultrasound machine. Below: a sample image



3-dimensional face imager and sample pictures



Recent Publications

Callahan N, Modesto A, Deeley K, Meira R, Vieira AR. Transforming growth factor- α gene (TGFA), human tooth agenesis, and evidence of segmental uniparental isodisomy. Eur J Oral Sci. 2009 Feb; (117(1): 20-6.

Letra A, Menezes R, Granjeiro JM, Vieira AR. AXIN 2 and CDH1 polymorphisms, tooth agenesis, and oral clefts. Birth Defects Res A Clin Mol Teratol. 2009 Feb;85(2): 169-73.

Recruitment Summary

Subjects Recruited	1218
Subjects Declined	120
Compliance Rate	91%

DRDR Update

Recruitment Location

Module 1	204	Emergency Care	62	UDHS	4
Module 2	511	Oral Surgery	14	Orthodontics	59
Module 3	99	Pediatric Dentistry	24	Other	53
Module 4	68	Implant Center	14	AEGD	14
Dental Hygiene	82	Prosthodontics	5	Perio	1
Endo	4				