



# Vieira Lab Newsletter


## Lab News

[Depression and its effects on the success of resin-based restorations](#) was recently published in *Special Care in Dentistry*; the authors are Shruti Ravindramurthy and Dr. Vieira. Shruti is an undergraduate student at the University of California, Berkeley who spent the summer of 2017 in the Vieira Lab. She will present her research at the 2018 IADR meeting in London, England.

We found significantly higher failure rates of resin-based restorations in patients diagnosed with clinical depression ( $p < 0.00001$ , OR = 1.89, 95% C.I. 1.6 to 2.23). The results of this study suggest a need for more personalized dental care for patients, which includes taking into account their mental health and its subsequent effects on oral health and hygiene, and customized definitions of follow-up time intervals.



## Upcoming Events

**Independence Day**   
July 4—University  
Closed

**Vieira Lab/DRDR Meeting**  
Tuesday, July 17  
10:30 a.m.  
414 Salk Pavilion

**Dean's Summer Research  
Scholar Journal Club**  
Friday, July 6  
Monday, July 9, 16, 23 & 30  
12:00 p.m.  
414 Salk Pavilion

## DRDR Update

*Tables show running totals of  
patient recruitment*

### Subject Recruitment Location

<b>Module 1</b>	1544	<b>Emergency Care</b>	74	<b>UDHS</b>	8
<b>Module 2</b>	1837	<b>Oral Surgery</b>	33	<b>Orthodontics</b>	245
<b>Module 3</b>	711	<b>Pediatric Dentistry</b>	316	<b>Other</b>	139
<b>Module 4</b>	485	<b>Implant Center</b>	15	<b>AEGD</b>	26
<b>Dental Hygiene</b>	393	<b>Prosthodontics</b>	115	<b>Perio</b>	75
<b>Endo</b>	74	<b>Speical Needs</b>	9		

### Recruitment Summary

<b>Subjects Recruited</b>	6099
<b>Subjects Declined</b>	1221
<b>Compliance Rate</b>	80%
<b>Gender</b>	48% male 52% female