

# CURRICULUM VITAE

DR. CARRIE TSAI

## PERSONAL DETAILS

**Professional** Paediatric Dentistry, 3<sup>rd</sup> level  
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## EDUCATION

2000-04	Univ. of California, Berkeley, CA, USA	B.A.	Sociology
2005-10	Harvard School of Dental Medicine, Boston, MA, USA	D.M.D.	Dentistry
2007-08	Harvard School of Public Health, Boston, MA, USA	M.P.H	Family&Community Health
2010-13	Univ. of California, San Francisco (UCSF), CA, USA	Specialty Certificate	Pediatric Dentistry

## LICENSES, CERTIFICATIONS

2013-pres Dental Licensure: Washington State, United States  
2013-2017 Dental Licensure: California State, United States  
2013-pres American Board of Pediatric Dentistry-board candidate  
2014-18 Limited Registration (Dental)-teaching and research, AHPRA, Australia  
2018-pres Paediatric dentistry specialist registration, AHPRA, Australia  
2018-pres Paediatric dentistry specialist registration, New Zealand Dental Council, New Zealand

## PRINCIPAL POSITIONS HELD

2013	UCSF Department of Pediatric Dentistry	Assistant Clinical Professor
2013-14	Private practice near Seattle, WA	Associate Pediatric Dentist
2014-present	University of Sydney (USYD), Faculty of Dentistry	Lecturer, Paediatric Dentistry

## OTHER POSITIONS HELD CONCURRENTLY

2005-10	American Student Dental Association	Philanthropy Chair
2007-10	Harvard School of Dental Medicine faculty practice	Dental Assistant
2008-09	Harvard School of Public Health	Teaching Assistant
2008-10	Project Bridge, Free Dental Clinic	Co-director
2012-13	UCSF Pediatric Dentistry-Residency	Community Outreach Chair

## HONORS AND AWARDS

2000 University of California Regents Scholarship  
2000 University of California Alumni Scholarship  
2001 Kraft Prize, UC Berkeley (4.00 GPA)  
2004 Letters and Science Dean's Honor List  
2008-09 Albert Schweitzer Fellowship  
2009 AAPHD Student Merit Award-3<sup>rd</sup> place  
2011-12 UCSF Global Health Sciences Clinical Scholars Program  
2012 Mt. Zion Fund—for Global Health endeavors  
2012 California Society of Pediatric Dentistry Foundation research grant  
2013 Eustace-Kwan Family Foundation Scholarship for Global Health Scholars  
2013 California Society of Pediatric Dentistry-Graduate Advocacy Legislative Intern  
2013 NuSmile Graduate Student Research Award Finalist-Oral presentation, 2013 AAPD meeting  
2013 Student Achievement Award in Global Oral Health-Univ of CA, SF

## **KEYWORDS/AREAS OF INTEREST**

Paediatric dentistry, prevention, health behavior change, health policy, family and community health, global oral health, food environment, food policy

## **PROFESSIONAL ACTIVITIES**

### **PROFESSIONAL ORGANIZATIONS**

#### Memberships

2005-2016	American Dental Association (ADA)
2009-2011	American Association of Public Health Dentistry (AAPHD)
2010-present	American Association of Pediatric Dentistry (AAPD)
2010-2016	California Society of Pediatric Dentistry (CSPD)
2013-2016	Washington Society of Pediatric Dentistry (WSPD)
2013-2016	Washington State Dental Society (WSPD)
2013-2016	Seattle King County Dental Society (SKCDS)
2014-present	Australian New Zealand Society of Paediatric Dentistry (ANZSPD)
2016-present	International Association of Dental Research (IADR)
2018-present	Australasian Academy of Paediatric Dentistry (AAPD)

#### Service to Professional Organizations

2009-present	General Dentistry Journal	Manuscript Reviewer
2015-present	Healthy Beverage Initiative Steering Committee (USYD)	Advocate/researcher
2017-present	Public Health Nutrition	Manuscript Reviewer

### **INVITED PRESENTATIONS**

2006	American Public Health Association Annual Meeting (poster)
2009	National Oral Health Conference (poster)
2010	National Oral Health Conference (poster)
2011	American Association of Pediatric Dentistry Annual Meeting (poster)
2011	California Society of Pediatric Dentistry (poster)
2011	UCSF Research Day (poster)
2012	American Association of Pediatric Dentistry Annual Meeting (poster)
2012	UCSF Research Day (poster)
2012	UCSF Alumni Research Day (poster)
2012	California Society of Pediatric Dentistry (poster)
2013	American Association of Pediatric Dentistry Annual Meeting (poster & oral presentation)
2013	California Society of Pediatric Dentistry (poster)
2013	UCSF Pediatric Dentistry Alumni Research Day (oral presentation)
2017	International Association of Dental Research Annual Meeting (poster)
2017	'Sydney Idea's' panelist. Topic: "Big Sugar—the New Tobacco," (USYD)
2017	Faculty Research Day, USYD (oral presentation)
2017	Australian Dental Association, NSW- panelist on "Increasing Dentistry's Connectivity"
2017	Asia Pacific Conference on Clinical Nutrition (APCCN) (oral presentation)
2018	American Academy of Pediatric Dentistry Annual Meeting (oral presentation)

## **MEDIA**

- 2017 ABC World News Lunch Hour: “Should we keep adding fluoride to our drinking water?”
- 2017 USYD ‘Health Hacks’- 2 min instructional video disseminated to USYD community and beyond. “How to prepare your child for the dentist”
- 2017 Australian Dental Association (ADA, NSW) podcast: “Improving the Food Environment to make healthy choices, the easier choices”
- 2017 ADA, NSW: podcasted interview on Food Environment research

## **UNIVERSITY AND PUBLIC SERVICE**

### **UNIVERSITY SERVICE**

#### University of California, San Francisco: School of Dentistry

- 2011 Sunday Streets Oral Health Screenings and Outreach Co-coordinator
- 2012-13 Pediatric Dentistry Alumni Liaison

#### University of Sydney: Faculty of Dentistry

- 2015 Liaison for dental trauma in undergraduate teaching
- 2015-present DMD research mentor
- 2017 Participation in development of new USYD Unit of Study: The Science of Health and Wellbeing

### **PUBLIC SERVICE**

- 2005-2010 Give Kids a Smile Day, Harvard School of Dentistry (co-coordinator)
- 2008-2010 Project Bridge, free dental clinic for homeless youth (coordinator)
- 2010-2011 Sunday Streets Pediatric Oral Health Screenings (San Francisco)
- 2011-2012 Hasilo Nepal—Community-based pediatric oral health intervention in Kathmandu and surrounding areas
- 2013 Give Kids A Smile Day, UCSF (resident liaison, co-coordinator)
- 2013 Roatan, Honduras: Study on effectiveness of an oral health intervention through immunization clinics
- 2014-present Councils Divestment Coordinator (350.org.au)

## **TEACHING and MENTORING**

### **POSTGRADUATE AND OTHER COURSES**

- 2008-09 Harvard School of Public Health, “Access to Dental Services” course Teaching Assistant

### **SUMMARY OF TEACHING AND MENTORING HOURS**

- 2008 40 total hours of teaching (including preparation)
  - Formal class or course teaching: 24
  - Informal teaching hours: 6
  - Mentoring hours: 10

2009 40 total hours of teaching (including preparation)  
 Formal class or course teaching: 24  
 Informal teaching hours: 6  
 Mentoring hours: 10

2011 220 total hours of teaching  
 200 hours of formal clinic teaching of dental students  
 Formal class or course teaching: 10  
 Mentoring hours: 10

2013 Mentoring hours: 80

2014-present 645 total hours of teaching per academic year  
 Formal class or course teaching (Doctor of Dental Medicine, Bachelor of Oral Health,  
 Masters in Public Health candidates): 75 hours per academic year  
 Formal clinic teaching of dental students: 15 hours per week  
 Informal teaching: 4 hours per month  
 Mentoring: 100 hours

## RESEARCH AND CREATIVE ACTIVITIES

### RESEARCH SUPPORT/INCOME

#### Completed research support

- 1) Healthy Sydney – Project number 2017/010 (\$5000) Tsai (PI) Oct 2016 – Nov 2017  
*Food Environment Audit of Two NSW Public Hospitals & Consumer Survey*
- 2) Healthy Sydney- Project number 2016/124 Rooney (PI) (\$5000) Oct 2015 – Nov 2016  
*Perceptions and Attitudes of University Students and Staff Regarding Sugar-Sweetened Beverages and their Sale and Promotion in a University Setting* **Role: Co-PI**
- 3) Eustace-Kwan Family Fund (\$5000) Tsai (PI) 7/2012 – 6/2013  
*A Novel Oral Health Intervention, Roatan, Honduras.*  
 This study assess the effectiveness of an innovative oral health intervention in Roatan, Honduras, that utilized already established immunization clinics as a site for the delivery of oral health education and fluoride varnish application. **Role: PI**
- 4) California Society of Pediatric Dentistry Foundation (\$2000) Tsai (PI) 1/12/2012 - 5/31/2013  
*Pediatric Dental Workforce and California's Expanding Pediatric Medicaid Population* **Role: PI**
- 5) UOP/CA Department of Health Services/HRSA Prime Mertz (PI) 3/01/2011 - 2/28/2012

*Changing Landscape for Pediatric Dentistry After Adult Medicaid Dental Benefit Cuts*

**Role: Research assistant, first author on this project**

6) NIDCR U54DE014264 Hayes (PI) 2/1/2006 - 2/1/2007

*Early Childhood Caries: Sociodemographic factors.* The goal of this project was to compare several sociodemographic variables between families of children with S-ECC and their caries free counterparts.

**Role: Research Assistant**

## **PEER REVIEWED PUBLICATIONS**

### **Journal Publications**

1. Tsai C, Slater S, Ronto R, Gebel K, Wu JHY. Removal of sugary drinks from vending machines: an Australian university case study. *Aust NZJ Public Health*. 2018 Sep. Epub ahead of print.
2. Tsai C, Svensen, E, Flood, VM, Probst, Y, Reilly, K, Corbett, S, Wu, JHY. Healthiness of Food and Beverages for Sale at Two Public Hospitals in New South Wales, Australia. *Nutrients* 2018, 10, 216.
3. Tsai C, Blinkhorn A, Irving M. Oral Health Programmes in Indigenous Communities Worldwide— lessons learned from the field: A qualitative systematic review. *Community Dentistry and Oral Epidemiology*. 2017;00:1–10. <https://doi.org/10.1111/cdoe.12302>
4. Tsai C, Wides C, Mertz E. Dental Workforce and California's Expanding Pediatric Medicaid Population. *J Calif Dent Assoc*. 2014 Nov; 42(11): 757-64, 766.

### **Conference Abstracts**

1. *Nutrients Journal: Compliance to healthy food guidelines at two New South Wales public hospitals*