

Herman Ostrow School of Dentistry of USC

2019 Annual Research Day Award Winners

DEAN'S RESEARCH AWARD

Nathan Nourian & Micah Tabanfar

“Advanced platelet-rich fibrin for soft tissue augmentation”

Faculty Advisor: Neema Bakhshalian

ADVANCED SPECIALTY PROGRAM RESIDENTS

First Place: Fares Albalawi

“Effect of different barriers on output of light curing units”

Faculty Advisor: Jin-Ho Phark

Dental Hygiene

Certificate of Participation

Hayley Botwin

Clarice Lii

Denise Luna

Melissa Luna

Joanne Lee

Ryan Pham

Sop Yi Shin

Jacqueline Arceo

Victoria Rondinella

Mahdieh Kiany

Maryam Salarkia

Narega Bargian

DENTISTRY/CCMB POSTDOCTORAL FELLOWS

First Place: Junjun Jing

“Antagonistic interaction between Ezh2 and Arid1a coordinates dental root patterning via Cdkn2a”

Faculty Advisor: Yang Chai

Second Place: Mengfei Yu

“Regenerating sutures in craniosynostosis”

Faculty Advisor: Yang Chai

CBY/PIBBS GRADUATE STUDENTS

First Place: Casey Griffin

“Cranial pericytes derived from neural crest cells reveal a pericyte-specific functional defect in Alzheimer’s disease”

Faculty Advisor: Ruchi Bajpai

Second Place: Garima Sandhu

“Quantitative light-induced fluorescence for visualization and quantification of coronal dentin mineral density”

Faculty Advisor: Janet Moradian-Oldak

BIOKINESIOLOGY & PHYSICAL THERAPY PhD CANDIDATES

First Place: Kyuwan Lee

“Effect of exercise on endothelial function during breast cancer chemotherapy”

Advisor: Christina Dieli-Conwright

Second Place: Andrew Hooyman

“The learning process and neural substrates linked to a discovery task and a future for modulation”

Faculty Advisor: Carolee Winstein

BIOKINESIOLOGY & PHYSICAL THERAPY PhD STUDENTS

First Place: Alexander Garbin

“Determining brain-behavior changes secondary to an internal focus during standing”

Faculty Advisor: Beth Fisher

Second Place: Jordan Cannon

“Gluteus maximus activation improves hip biomechanics in femoroacetabular impingement syndrome”

Faculty Advisor: Christopher Powers

OCCUPATIONAL SCIENCE & OCCUPATIONAL THERAPY DOCTORAL STUDENT

First Place: Aditya Jayashankar

“Comparison of two automated motion correction strategies in autism neuroimaging”

Faculty Advisor: Lisa Aziz-Zadeh

Second Place: Dominique Como

“The anatomy of oral care habits of children with autism spectrum disorders”

Faculty Advisor: Sharon Cermak

UNDERGRADUATE & DDS STUDENTS – CLINICAL SCIENCES

First Place: Nathan Nourian & Micah Tabanfar

“Advanced platelet-rich fibrin for soft tissue autmentation”

Faculty Advisor: Neema Bakhshalian

Second Place: Lauren Yen

“3D printing of custom nasal stents for babies with cleft lip and palate”

Faculty Advisor: Stephen Yen

UNDERGRADUATE & DDS STUDENTS – BASIC SCIENCES

First Place: Simon Youn

“Microvasculature defects recapitulated in tooth pulp of rat AD model”

Faculty Advisor: Ruchi Bajpai

Second Place: Sara Kahng

“3D reconstruction of muscle defects in mouse cleft soft palate”

Faculty Advisor: Yang Chai

DR. ANSEL WATROUS FACULTY RESEARCH AWARD

Yang Chai

USC STEVENS CENTER FOR INNOVATION AWARDS

Most Disruptive (Innovative): **Esmat Sodagar**

Best Commercial Potential: **Lauren Yen**

AADR/DENTSPLY SIRONA SCADA AWARD

Nathan Nourian & Micah Tabanfar

COVER PHOTO/ILLUSTRATIONS

Eva Janeckova

Mehrdad Razaghy