2007 - 2021 Research Day Awards

2007
1st place and recipient of the SCADA award sponsored by Dentsply - Jaqueline Mays
2nd place and recipient of the Alumni Research Merit Award - Heidi Sneider
3rd place and recipient of the Alumni Research Achievement Award - David Gailey

2008
1st Place PhD/Resident Awards - Jacqueline Mays
2nd Place - Alireza Moshaverina
Post Doctoral Award - Nicole Powell

2009
1st Place ADA/Dentsply Student Clinician Award Competitor - Byungdo (Brian) Han
2nd Place Alumni Merit Award Winner - Andrew Holpuch
3rd Place Alumni Achievement Award Winner - Brandon Lloyd

2009 Dean's Award for Excellence in Research
- 1st Place - Erin Gross, Graduate Student
- 2nd Place - Rebecca Allen
- Post Doctoral Award - Nicole Powell
2010

1st place Dental Student Award - Yirae Kang
"A Comparison of Histology and Micro-CT Evaluations for Regenerated Bone"

2nd place Dental Student Award - Matthew Mason
"Contributions of Ethnicity to Composition of the Supragingival Biofilm"

3rd place Dental Student Award - James Heaton
"Reliability of Resin Cement Try-In Shades in Color Determination"

1st place Graduate Student Award - Heidi Snider
"OX40L Mediates Susceptibility to Chronic L. Donovani Infection"

2nd place Graduate Student Award - Letitia Randall
"Bone Remodeling in Maxilla and Mandible of Skeletally Immature Dogs"

Post Doctoral Fellow Award - Meng Tong
"Epithelial-to-Endothelial Transition - An Epithelial Phenotypic Modulation Facilitating Oral-Squamous-Cell Carcinoma Progression"

CTSA Best Clinical & Translational Abstract - Michael Trimarchi
"Social Stress Effects on Asthma - A Role for Osteopontin"
Research Day Awards 2011

Awards:
1st place Dental Student Award ($500) - Joseph Pittman
2nd place Dental Student Award ($250) - Stephanie Gans
3rd place Dental Student Award ($100) - Sue Choi
1st place Graduate Student Award ($500) - Heidi Snider
2nd place Graduate Student Award ($250) - Jason Nasse
3rd place Graduate Student Award ($100) - Blake Warner
Post Doctoral Fellow Award ($500) - Jin Nam
CTSA Best Clinical & Translational Abstract ($500) - Elizabeth

Gosnell Other awards:
OSU ADA/DENTSPLY Student Clinician - Heidi Snider
OSU Alumni Merit Award - Blake Warner
OSU Alumni Achievement Award - Joseph Pittman
Research Day Awards 2012

Dean's Awards for Excellence in Research

1st place Dental Student Award ($500) - Michael Border
2nd place Dental Student Award ($250) - Joseph Pittman
3rd place Dental Student Award ($100) - Vivian Ariail
1st place Graduate Student Award ($500) - Andrew Holpuch
2nd place Graduate Student Award ($250) - Eric Wohleb
3rd place Graduate Student Award ($100) - Ying An
Post Doctoral Fellow Award ($500) - Jeanette Bennett
CTSA Best Clinical & Translational Abstract ($500) - Michael Border

Other awards:

OSU ADA/DENTSPLY Student Clinician - Andrew Holpuch
OSU Alumni Merit Award - Matthew Mason
OSU Alumni Achievement Award - Michael Border
Dean's Awards for Excellence in Research

1st place Dental Student Award ($500) - Eun Sang Moon
2nd place Dental Student Award ($250) - Ross Gordon
3rd place Dental Student Award ($100) - Jared Burr
1st place Graduate Student Award ($500) - Ying An
2nd place Graduate Student Award ($250) - Eric Wohleb
3rd place Graduate Student Award ($100) - Jeffrey Galley Post

Doctoral Fellow Award ($500) - Andrew Tarr

CTSA Best Clinical & Translational Abstract ($500) - Ying An

Other awards

OSU ADA/DENTSPLY Student Clinician - Ying An
OSU Alumni Merit Award - Andrew Holpuch
OSU Alumni Achievement Award - Eun Sang Moon
Research Day Awards 2014

Faculty “Paper of the Year” Awards

**Basic Science Research**

**Burak Yilmaz, DDS, PhD**

“Displacement of Screw-Retained Single Crowns into Implants with Conical Internal Connections”

**Clinical Science Research**

**Susan R. Mallery, DDS, PhD**

“Clinical and Biochemical Studies Support Smokeless Tobacco’s Carcinogenic Potential in the Human Oral Cavity”

**Social and Behavioral Sciences and Public Health Research**

**John F. Sheridan, PhD**

“Stress-Induced Recruitment of Bone Marrow-Derived Monocytes to the Brain Promotes Anxiety-Like Behavior”
Dean's Awards for Excellence in Research

1st place Dental Student Award ($500) - Megan Fellows

Tie for 2nd place

2nd place Dental Student Award ($175) - Arman Haghighi
2nd place Dental Student Award ($175) - Steve Spiritoso

1st place Graduate Student Award ($500) - Byungdo (Brian) Han

2nd place Graduate Student Award ($250) - Alison Boxwell
3rd place Graduate Student Award ($100) - Matthew Mason

Post Doctoral Fellow Award ($500) - Joseph Breza

CTSA Best Clinical & Translational Abstract ($500) - Megan Fellows

Other awards

OSU ADA/DENTSPLY Student Clinician - Byungdo (Brian) Han
OSU Alumni Merit Award - Matthew Mason
OSU Alumni Achievement Award - Megan Fellows
Research Day Awards 2015

Faculty “Paper of the Year” Awards

Clinical Science Research

Do-Gyoon Kim, PhD
“Primary migration of a mini-implant under a functional orthodontic loading”

Social and Behavioral Sciences and Public Health Research

Elisandra Reyes-Perez, DDS, MS “Effect of early childhood protein-energy malnutrition on permanent dentition dental caries”

Dean's Awards for Excellence in Research

Dental Student Award

Eun Sang Moon - 1st place ($500)
Megan Fellows - 2nd place ($250)
Trenton Johnson - 3rd place ($100)
Graduate Student Award
Byungdo (Brian) Han - 1st place ($500)
Jeff Galley - 2nd place ($250)
Daniel McKim - 3rd place ($100)

Post Doctoral Fellow Award
Shareef Dabdoub ($500)

CTSA Best Clinical & Translational Abstract
Byungdo (Brian) Han ($250)

Other Awards
The Ohio State University ADA/DENTSPLY Student Clinician
Eun Sang Moon

The Ohio State University Alumni Merit Award
Matthew Mason

The Ohio State University Alumni Achievement Award
Caroline Sawicki
Research Day Awards 2016

Faculty “Paper of the Year” Awards

**Basic Science Research**

*Ning Quan, MS, PhD*

“Interleukin 1 Type 1 Receptor Restore: A Genetic Mouse Model for Studying Interleukin 1 Receptor-Mediated Effects in Specific Cell Types”

**Clinical Science Research**

*Hany Emam, BDS, MS*

“The Efficacy of a Tissue-Engineered Xenocraft in Conjunction with Sodium Hyaluronate Carrier in Maxillary Sinus Augmentation: A Clinical Study”

**Social and Behavioral Sciences and Public Health Research**

*Joseph Travers, MS, PhD*

“Effects of High-Fat Diet and Gastric Bypass on Neurons in the Caudal Solitary Nucleus”
Dean's Awards for Excellence in Research

**Dental Student Award**

Kyung Min - 1st place ($500)
Eileen Gulertekin - 2nd place ($250)
Megan Fellows - 3rd place ($100)

**Graduate Student Award**

Caroline Sawicki - 1st place ($500)
Danny Nemeth - 2nd place ($250)
Khaled Altabtbaei - 3rd place ($100)

**Post Doctoral Fellow Award**

Mike Weber ($500)

**CTSA Best Clinical & Translational Abstract**

Khaled Altabtbaei ($250)

**Other Awards**

**The Ohio State University ADA/DENTSPLY Student Clinician**

Caroline Sawicki

**The Ohio State University Alumni Merit Award**

Kyung Min

**The Ohio State University Alumni Achievement Award**

Eileen Gulertekin
Research Day Awards 2017

Faculty “Paper of the Year” Awards

Clinical Science Research

Hany Emam, BDS, MS
"Lateral tarsotomy: a practical alternative to lateral canthotomy to increase orbital access;" *Oral Surgery, Oral Medicine, Oral Pathology, and Oral Radiology*

Basic Science Research

John Sheridan, MS, PhD  "Sympathetic release of splenic monocytes promotes recurring anxiety following repeated social defeat;" *Biological Psychiatry*

Dean’s Awards for Excellence in Research

Dental Student Award

1st place: Seth Nye, D3
2nd place: Aras Mortazavi, D4
3rd place: Katherine Seymour, D4

**Graduate Student Award**

1st place: Khaled Altabtbaei, Periodontology Resident

2nd place: Damon DiSabato, Neuroscience Doctoral Candidate; Comprehensive Training in Oral and Craniofacial Sciences Program

3rd place: Xiaoyu Liu, Oral Biology Doctoral Candidate

**CTSA Best Clinical & Translational Abstract**

Sukirth Murthy Ganesan, Oral Biology Doctoral Candidate

**OSU ADA/DENTSPLY Student Clinician**

Seth Nye, D3

**Post-doctoral Fellow Award**

Michael Weber, PhD; Post-doctoral Fellow, Comprehensive Training in Oral and Craniofacial Sciences Program

**OSU Alumni Merit Award**

Ayanna Williams, D3

**OSU Alumni Achievement Award**

Brian Santiago, DDS/PhD-Oral Biology Candidate
Research Day Awards 2018

Faculty “Paper of the Year” Awards

Category: Basic Research

Title: Conditional alpl ablation phenocopies dental defects of hypophosphatasia


Category: Clinical Research

Title: Evidence-based clinical practice guideline for the evaluation of potentially malignant disorders in the oral cavity: a report of the American Dental Association


Category: Social and Behavioral Sciences and Public Health Research

Title: Evaluation of objective structured clinical examination for advanced orthodontic education 12 years after introduction

Authors: Fields HW, Kim DG, Jeon M, Firestone AR, Sun Z, Shanker S, Mercado AM, Deguchi T, Vig KWL

Dean’s Awards for Excellence in Research

Dental Student Award
1st place: Seth Nye, D4
2nd place: Syrus Haghighi, D3
3rd place: Kimberly Holmes, D1

Graduate Student Award
1st place: Daniel Nemeth, Graduate Student, Y2 – Oral Biology PhD Program
2nd place: Wichurat Sakulpaptong, DDS, Resident Y2, Division of Periodontology, Graduate Student Y4, Oral Biology PhD Program
3rd place: Michael Chavez, Graduate Fellow, Y1 – Comprehensive Training in Oral and Craniofacial Sciences (CTOC), Oral Biology PhD Program

Center for Clinical and Translational Science Best Clinical and Translational Abstract
Daniel Nemeth, Graduate Student Y2, Oral Biology PhD Program

Post-doctoral Fellow Award
Kalyanasundar Balasubramanian, Postdoctoral Fellow, Division of Biosciences
OSU ADA/Dentsply Student Clinician Award
Syrus Haghighi, D3

OSU Alumni Merit Award
Kimberly Holmes, D1

OSU Alumni Achievement Award
Caitlin Kiracofe, D2
Faculty “Paper of the Year” Awards

Category: Basic Research


Authors: **Sawicki CM, Kim JK, Weber MD, Jarrett BL, Godbout JP, Sheridan JF**
, Humeidan M

Division of Biosciences (https://dentistry.osu.edu/academic-divisions/division-biosciences)

Category: Clinical Research


Authors: Thumbigere-Math V, Alqadi A, Chalmers NI, **Chavez MB**, Chu EY, Collins MT, Ferreira CR, FitzGerald K, Gafni RI, Gahl WA, Hsu KS, Ramnitz MS, Somerman MJ, Ziegler SG, **Foster BL**
(https://dentistry.osu.edu/faculty/brian-l-foster-phd)
Category: Social and Behavioral Sciences and Public Health Research


Authors: Baker RS, Fields HW, Beck FM, Firestone AR, Rosenstiel SF

Dean’s Awards for Excellence in Research

Dental Student Award

1st place:

Name: Andrea Tsatalis, D3
Advisor: Toru Deguchi, DDS, PhD, Division of Orthodontics
Title: Mechano-clinical evaluations of mini-implants on root proximity and cortical bone thickness

2nd place:

Name: Josh Ferraro, D2
Advisor: Toru Deguchi, DDS, PhD, Division of Orthodontics
Title: Accuracy of 3-dimensional printed models from intra-oral scanner and cone beam computed tomography

3rd place:

Name: Joseph Jenkins, D3
Advisor: Zongyang Sun, DDS, MSD, PhD, Division of Orthodontics
Title: Impact of bone marrow withdrawal on local corticotomy healing

Dental Hygiene Research Award
Name: **Meredith Kennedy**, DH4  
Advisor: Brian Partido, BSDH, MSDH, Division of Dental Hygiene  
Title: Self-assessment of ergonomics among dentists

**Graduate Student Award**

1st place:

Name: **Caroline Sawicki** - DDS/PhD Fellow, Year 6  
Mentor: John Sheridan, PhD, Division of Biosciences  
Title: Macrophage migration inhibitory factor promotes neuroinflammation and pain during stress

2nd place:

Name: **Michelle Scott** - DDS/PhD Fellow, Year 2  
Mentor: Purnima Kumar, BDS, PhD, Division of Periodontology  
Title: E-cigarettes sculpt the oral microbial landscape

3rd place:

Name: **Joseph DePalo, DMD** - Resident, Year 2  
Advisor: Kim Hammersmith, DDS, MPH, MS, Division of Pediatric Dentistry  
Title: Silver diamine fluoride and interproximal caries progression in the primary dentition

**Center for Clinical and Translational Science Best Clinical and Translational Abstract**

Name: **Caroline Sawicki** - DDS/PhD Fellow, Year 6  
Mentor: John Sheridan, PhD, Division of Biosciences  
Title: Macrophage migration inhibitory factor promotes neuroinflammation and pain during stress

**Post-doctoral Fellow Award**
Name: Jie Liu, DDS, MSc, PhD  
Advisor: Fengyuan Zheng, BDS, PhD, Division of Restorative and Prosthetic Dentistry  
Title: Implant tipping upon angular misfit in implant supported splinted prosthesis

OSU ADA/Dentsply Student Clinician Award

Name: Caroline Sawicki - DDS/PhD Fellow, Year 6  
Mentor: John Sheridan, PhD, Division of Biosciences  
Title: Macrophage migration inhibitory factor promotes neuroinflammation and pain during stress

OSU Alumni Merit Award

Name: Andrea Tsatalis, D3  
Advisor: Toru Deguchi, DDS, PhD, Division of Orthodontics  
Title: Mechano-clinical evaluations of mini-implants on root proximity and cortical bone thickness

OSU Alumni Achievement Award

Name: Michelle Scott - DDS/PhD Fellow, Year 2  
Mentor: Purnima Kumar, BDS, PhD, Division of Periodontology  
Title: E-cigarettes sculpt the oral microbial landscape
Faculty “Paper of the Year” Awards

Category: Basic Research


Category: Clinical Research


Division of Oral and Maxillofacial Pathology and Radiology

Category: Social and Behavioral Sciences and Public Health Research

Authors: Papio M, Fields H, Beck FM, Firestone A, Rosenstiel S

Division of Orthodontics

Dean’s Awards for Excellence in Research

Dental Student Award

1st place:

Andrea Tsatalis, D4
Advisor: Toru Deguchi, DDS, MS, PhD, Division of Orthodontics
Title: Evaluation of the Necessity of CBCT During Placement of Temporary Anchorage Devices (TADs) in Pig Alveolar Bone

2nd place:

Robert Marusko, D1
Advisor: Kelly S. Kennedy DDS, MS, Division of Oral and Maxillofacial Surgery and Dental Anesthesiology
Title: Medical Emergencies at The Ohio State University College of Dentistry

3rd place:
Jordan Lamb, D4  
Advisor: Do-Gyoon Kim, PhD, Division of Orthodontics  
Title: Tissue Mineral Density Distribution in Human Mandibular Premolar Region

**Dental Hygiene Research Award**

Johanna Owen, DHY 4  
Advisor: Brian Partido, BSDH, MSDH, Division of Dental Hygiene  
Title: Relationship between emotional intelligence, stress, and burnout among dental hygiene students

**Graduate Student Award**

1st place:  
**Enrique Ramirez**; Resident, Pediatric Dentistry  
Advisor: Janice A. Townsend, DDS, MS, Division of Pediatric Dentistry  
Title: Opioid Prescribing Practices Following Pediatric Dental Procedures in Ohio

2nd place:  
**Caroline Sawicki**; DDS-PhD Fellow  
Advisor: John Sheridan, PhD, Division of Biosciences  
Title: Macrophage Migration Inhibitory Factor Promotes Stress-Induced Pain and Anxiety

3rd place:  
**Michael Chavez**; Predoctoral Fellow/Graduate Student  
Advisor: Brian L. Foster, PhD, Division of Biosciences  
Title: Impaired alveolar bone healing in bone sialoprotein knockout mice

**Center for Clinical and Translational Science Best Clinical and Translational Abstract**
Andrea Tsatalis; D4
Advisor: Toru Deguchi, DDS, MS, PhD, Division of Orthodontics
Title: Evaluation of the Necessity of CBCT During Placement of Temporary Anchorage Devices (TADs) in Pig Alveolar Bone

Post-doctoral Fellow Award

Jacob Allen, PhD; Center for Microbial Pathogenesis, The Research Institute at Nationwide Children’s Hospital
Advisor: Michael Bailey, PhD, Center for Microbial Pathogenesis, The Research Institute at Nationwide Children’s Hospital
Title: Stress initiates a pro-inflammatory transcriptional response in intestinal epithelial cells dependent on the gut microbiota

ADDR/Dentsply Student Clinician Award

Kazune Pax; DDS-PhD Fellow
Advisor: Purnima Kumar, BDS, MS, PhD, Division of Periodontology
Title: Impact of maternal habits on the infant oral microbiome

OSU Alumni Merit Award

Michelle Scott; DDS-PhD Fellow
Advisor: Purnima Kumar, BDS, MS, PhD, Division of Periodontology
Title: Nicotine-free and Nicotine-containing E-cigarettes Differentially Alter Microbial Colonization Dynamics

OSU Alumni Achievement Award

Robert Marusko; D1
Advisor: Kelly S. Kennedy DDS, MS, Division of Oral and Maxillofacial Surgery and Dental Anesthesiology
Title: Medical Emergencies at The Ohio State University College of Dentistry

AADR Student Research Day Award
Andrea Tsatalis; D4
Advisor: Toru Deguchi, DDS, MS, PhD, Division of Orthodontics
Title: Evaluation of the Necessity of CBCT During Placement of Temporary Anchorage Devices (TADs) in Pig Alveolar Bone

Research Day graphic courtesy of Research Day distinguished lecturer Ophir D. Klein, MD, PhD, professor of Orofacial Sciences and Pediatrics in the School of Medicine, the Larry L. Hillblom Distinguished Professor in Craniofacial Anomalies, and the Charles J. Epstein Professor of Human Genetics (Klein Laboratory, University of California, San Francisco).
Faculty “Paper of the Year” Awards

Category: Basic Research

Authors: Ganesan SM, Dabdoub SM, Nagaraja HN, Scott ML, Pamulapati S, Berman ML, Shields PG, Wewers ME, Kumar PS.


Division of Periodontology

Category: Clinical Research

Authors: Azadani EN, Peng J, Kumar A, Casamassimo PS, Griffen A, Amini H, Ni A.

Category: Social and Behavioral Sciences and Public Health Research

Authors: Meyer BD, Fearnow B, Wolcott MD.


Dean’s Awards for Excellence in Research

Dental Student Award

1st place:

Nathan Gutarts, D1
Title: Chemogenetic Suppression of Rostral Nst Gaba Neurons Accentuates Behavioral Responding to Preferred and Avoided Taste Stimuli
Advisor: Susan Travers, MS, PhD

2nd place:

Nathan Kim, D1
Advisor: Do-Gyoon Kim, PhD
Title: Correlations of TMJ OA with Facial Morphology and BMD

3rd place:

Aakriti Chaudhry, D1
Advisor: Purnima Kumar, BDS, MS, PhD
Title: Site specific determinants of the sub-gingival microbiome

Dental Hygiene Research Award

Emily Sprinkle, DHY 2
Advisor: Elizabeth A. Chartier, RDH, MPH
Title: Evaluation of the Dental Health Outreach Mobile Experience (HOME) Coach Program
Graduate Student Award

1st place:

**Kazune Pax**, DDS/PhD Fellow Year 4
Advisor: Purnima Kumar, BDS, MS, PhD
Title: Maternal gestational exposures influence development of the infant oral microbiome

2nd place:

**Victoria McLaughlin**, Orthodontics Resident Year 3
Advisor: Zongyang Sun, DDS, MS, MSD, PhD
Title: Can application of artifact reduction algorithm or increasing scan resolution improve CBCT diagnostic accuracy of TAD-tooth root contact?

3rd place:

**Eun Sang Moon**, Orthodontics Resident Year 3
Advisor: Do-Gyoon Kim, PhD
Title: Maxillary lateral incisor injection pain using the Dentapen electronic syringe

Center for Clinical and Translational Science Best Clinical and Translational Abstract

**Kazune Pax**, DDS/PhD Fellow Year 4
Advisor: Purnima Kumar, BDS, MS, PhD
Title: Maternal gestational exposures influence development of the infant oral microbiome

Post-doctoral Fellow Award

**Fatma F. Mohamed**, Division of Biosciences
Advisor: Brian L. Foster, PhD
Title: Prevention of Hypophosphatasia-Associated Dentoalveolar Defects Using AAV8—Mediated Gene Therapy

ADDR/Dentsply Student Clinician Award

**Kazune Pax**, DDS/PhD Fellow Year 4
Advisor: Purnima Kumar, BDS, MS, PhD
Title: Maternal gestational exposures influence development of the infant oral microbiome

OSU Alumni Merit Award
Michelle Scott; DDS-PhD Fellow
Advisor: Purnima Kumar, BDS, MS, PhD, Division of Periodontology
Title: Nicotine-free and Nicotine-containing E-cigarettes Differentially Alter Microbial Colonization Dynamics

OSU Alumni Achievement Award

Nathan Gutarts, D1
Title: Chemogenetic Suppression of Rostral Nst Gaba Neurons Accentuates Behavioral Responding to Preferred and Avoided Taste Stimuli
Advisor: Susan Travers, MS, PhD

AADR Student Research Day Award

Nathan Gutarts, D1
Title: Chemogenetic Suppression of Rostral Nst Gaba Neurons Accentuates Behavioral Responding to Preferred and Avoided Taste Stimuli
Advisor: Susan Travers, MS, PhD