

UF College of Dentistry
2020 Spring Synergy

Awards for Excellence in Research

D.M.D.

1st: Chelsea Kopp - The CRISPR-associated protein Cas3 modulates virulence in *Porphyromonas gingivalis*
Authors: C Kopp*, J Frias-Lopez, J Solbiati, A Duran-Pinedo

2nd: Kathryn Kiskaddon - Association of *Candida albicans* and Cnm+ *Streptococcus mutans* with early childhood caries recurrence”
Authors: KJ Kiskaddon*, BA Garcia, J Lemos, L Mugayar, J Abranches

3rd: Jaime Cardascia - Opioid and cannabinoid interactions in pain and reward
Authors: J Cardascia*, B Setlow, S Caudle, J Neubert

4th: Neeshi Patel - Investigation of the role of jag in *Streptococcus mutans*
Authors: N Patel*, P Vasquez, LJ Brady

M.S./Resident

1st: John Witcher - The effects of orthodontic treatment duration on outcome according to ABO-OGS scores using straight wire technique
Authors: JE Witcher II*, C Dolce, S Holliday, J Neubert

2nd: Kelsey Wahl - microRNAs as biomarkers in gingival crevicular fluid
Authors: KC Wahl

3rd: Maram Bawazir - Gingival fibroma: an emerging distinctive gingival entity with well-defined histopathologic features.
Authors: M Bawazir*, MN Islam, DM Cohen, S Fitzpatrick, I Bhattacharyya.

4th: Austin Belknap - Retrospective series of burning mouth syndrome patients treated with a protective mouthguard: An effective non-pharmacologic treatment modality
Authors: A Belknap*, S Fitzpatrick, MN Islam, I Bhattacharyya, M Cohen.

Ph.D./Postdoctoral

1st: Michelle Rodriguez - Site-specific epigenetic control of the epithelial differentiation program in oral cells

Authors: M Rodriguez, G Kushner, M Young Chae, N Atyeo, B Papp

2nd: Aravindraja Chairmandurai - Bilateral intracerebral infection of *Porphyromonas gingivalis* augmented Amyloid seeding and induced Microgliosis in APP-TgCRND8 mice model of Alzheimer's disease

Authors: C Aravindraja*, R Sakthivel, X Liu, G Marshall, Y Levites, TE Golde, L Kesavalu

3rd: Kyulim Lee - Regulation and function of an antimicrobial peptide resistance locus in *Streptococcus* sp. A12

Authors: K Lee*, G Rojas-Carreno, JR Kaspar, AR Walker, and RA Burne

Undergraduate/Pre-Dental

1st: Eshani Shah- Manganese uptake is essential for the fitness of *Streptococcus mutans*

Authors: J Kajfasz, J Vargas, J Abranches, J Lemos

2nd: Michael Prado- The study on periodontitis mouse model induced by passive smoking

Authors: M Prado*, B Rajeshkumar, A Dongtao Fu, J Lu, J Chang

3rd: Sebastian Ocampo - Cross- β structure is a conserved core building block for *Streptococcus mutans* functional amyloids

Authors: AL Barran-Berdon, S Ocampo, J Morales-Aparicio, G Ottenberg, A Kendall, S Mishra, JR Long, G Stubbs, LJ Brady