

## 2018 Clinic and Research Day Awards

Award	Category	First author	Title	Primary Mentor
Illinois State Dental Society	Best Basic Science Award	Yessenia Valverde	The role of poly (ADP-Ribose) polymerase 1 in dental pulp stem cells differentiation and brain-derived neurotrophic factor modulation	Dr. Seung Chung
Illinois State Dental Society	Best Clinical Science Award	Solmaz Forutan	A retrospective evaluation of antibiotic prescribing practices of pediatric dentists in a university setting	Dr. Evelina Kratunova
Omicron Kappa Upsilon Sigma Chapter	Best Basic Science Award	Yangbasai Dong	Delayed tooth movement in microRNA-29 sponge transgenic mice	Dr. Phimon Atsawasuan
Omicron Kappa Upsilon Sigma Chapter	Best Clinical Science Award	Brian Cherny	Possible cluster incidence of aerodigestive cancers in Chicago wards and midwestern states	Dr. Joel Schwartz
Case Reports	1 <sup>st</sup> place	Alexander Munaretto	Complete resolution of a massive complex mandibular cyst with simple decompression: case report	Dr. Michael Markiewicz
Case Reports	2 <sup>nd</sup> place	Jeffrey Leggett	Mesenchymal chondrosarcoma: a case report	Dr. Michael Markiewicz
Literature Reviews	1 <sup>st</sup> place	Paulina Yarmarkovich	Impact of silver diamine fluoride (sdf) in reducing urgent care visits in patients awaiting general anesthesia	Dr. Sahar Alrayyes
Literature Reviews	2 <sup>nd</sup> place	Ann Mast	Interproximal caries diagnosis using Dexis Carivu	Dr. Sahar Alrayyes
Pre-doctoral students	Basic Science 1 <sup>st</sup> place*	Benjamin Salameh	EDAR gene variants and mandibular morphology in a Japanese sample	Dr. Christina Nicholas
Pre-doctoral students	Basic Science 2 <sup>nd</sup> place	Jordan Franklin	Biomimetic matrices for bone regeneration	Dr. Sriram Ravindran
Pre-doctoral students	Clinical and Translational Sciences 1 <sup>st</sup> place**	Brian Cherny	Possible cluster incidence of aerodigestive cancers in Chicago wards and midwestern states	Dr. Joel Schwartz
Pre-doctoral students	Clinical and Translational Sciences 2 <sup>nd</sup> place	Solmaz Forutan	A retrospective evaluation of antibiotic prescribing practices of pediatric dentists in a university setting	Dr. Evelina Kratunova

Graduate Students	Basic Science-1 <sup>st</sup> place	Annette Merkel	Endocytosis of DMP1 is mediated by receptor GRP78 and Rab proteins	Dr. Anne George
Graduate Students	Basic Science-2 <sup>nd</sup> place	Elizabeth Michalczyk	Pigment epithelium-derived factor interacts with low density lipoprotein receptor-related protein 6 to regulate wound angiogenesis.	Dr. Luisa A DiPietro
Graduate Students	Clinical and Translational Sciences– 1 <sup>st</sup> place	Anna Salapatras	Studying the human microbiome using deep learning	Dr. David L Perkins
Post Graduate Clinical Fellows	Basic Science – 1 <sup>st</sup> place	Parth Nanavati	Comparison in cyclic fatigue resistance between ProTaper Gold and EdgeTaper Platinum after 1 and 3 simulated clinical uses	Dr. Satish Alapati
Post Graduate Clinical Fellows	Basic Science – 2 <sup>nd</sup> place	Ryan Pasiewicz	Role of C5a in Odontogenic Differentiation of dental pulp stem cells in normoxia and hypoxia	Dr. Seung Chung
Post Graduate Clinical Fellows	Clinical and Translational Sciences– 1 <sup>st</sup> place	Amy Lewis	Quality of life impacts of acute dental needs in a university based pediatric urgent care dental clinic	Dr. Charles LeHew
Post Graduate Clinical Fellows	Clinical and Translational Sciences– 2 <sup>nd</sup> place	Alexandria Hawkins	Ketorolac versus opioids for postoperative pain control after wisdom tooth extraction	Dr. William Flick
Post Graduate Clinical Fellows	Clinical and Translational Sciences– 2 <sup>nd</sup> place	Peyton Harris	Evaluation of vertical parameters of mandibles in various skeletal patterns using three-dimensional radiographs	Dr. Phimon Atsawasuan
Postdoctoral Fellow/Res. Assistant Prof	1 <sup>st</sup> place	Russell Pesavento	Novel biofilm inhibitors of oral streptococci	Dr. Michael Johnson
Research Associates	1 <sup>st</sup> place	Yunzhu Qian	A novel antimicrobial silver-modified electrospun PLGA/PCL scaffold for craniofacial hard-tissue regeneration	Dr. Xianghong Luan
Undergraduates	1 <sup>st</sup> place	Polina Gubareva	NG2 is expressed in superficial layer cells of articular cartilage in post-injury knee osteoarthritis	Dr. David Reed

Undergraduates	2 <sup>nd</sup> place	Ibtesam Kamal	Effect of proanthocyanidins on structurally altered dentin matrix	Dr. Ana Bedran-Russo
Cancer Center Award	1 <sup>st</sup> place	Angelica Lagunas	Novel targeted therapies for oral cancer stem cells	Dr. David Crowe
Schour Award		Crystal Chun Jordan Franklin		Dr. Satish Alapati Dr. Sriram Ravindran

\* This student will also represent the college at the Hinman Award Competition

\*\* This student will also represent the college at the Dentsply Award Competition