

Bates-Andrews Awards Dinner

The annual awards dinner marking the end of a successful student research year was held on Wednesday May 16, 2018. The dinner honored all of the participants in the March 7th Bates-Andrews Research Day, as well as the student award winners and the faculty mentors. 120 members of the TUSDM community attended. Award certificates were presented to all of the Bates Day award recipients as listed in the [DRA Spring 2018 newsletter](#).

A keynote speech was delivered by Dr. John Morgan, a Professor in Public Health & Community Service at TUSDM. Dr. Morgan presented his research and experience in conducting an oral health survey in the East African nation of Rwanda. The purpose of the survey was to determine and capture detailed health information representing the oral health status of the Rwandan population. Rwanda has been working to rebuild their health-care system after the nation was decimated by genocide in 1994. Dr. Morgan's work was highlighted in the [Spring 2018 issue](#) of the Tufts Dental Medicine magazine.

Also, at the dinner the 2017-2018 Bates Student Research Group (BSRG) officers were honored: President - Sama Abdul-Aziz (D18), Vice-President - Alisha Anand (D18), Treasurer - Grace Kim (D19), Secretary - Arietta Rigopoulos (D19), Public Relations - Jason Berglund (D18) and Shawn Kim (D20). The 2018-2019 BSRG officers were named: Co-Presidents - Grace Kim (D19) & Arietta Rigopoulos (D19), Vice President - Shawn Kim (D20), Treasurer - Craig Holaday (D20), Secretary - Alyssa Kotin (D21), and Public Relations - Joyce Ganas (D20).



Right Image: Joel Monteiro (Dentsply Sirona) presenting the Dentsply award to Grace Kim



Left Image: Sama Abdul-Aziz presenting a certificate of appreciation to the keynote speaker Dr. John Morgan



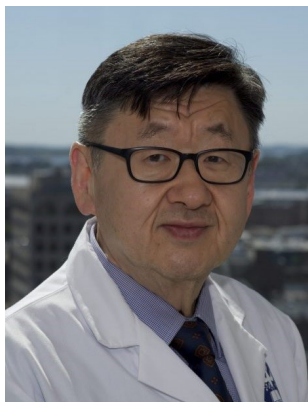
2017-2018 Bates Student Research Group Officers and DRA Staff. Top L to R: Shawn Kim, Eileen Doherty, Arietta Rigopoulos, Katie Dunn. Bottom L to R: Jason Berglund, Sama Abdul-Aziz, Grace Kim and Alisha Anand.

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Tufts Collaborates Grant Recipients for 2018-2019 Academic Year



Dr. Yoon Kang, Clinical Assistant Professor in Dental Research Administration with an appointment in Comprehensive Care was recently awarded a Tufts Collaborates grant for the project titled, "Correlating clinically assessed gingival health and metabolic profile of collected saliva samples before and after adult prophylaxis treatment." Dr. Kang is collaborating with Dr. Kyongbum Lee, a Professor in the Chemical & Biological Engineering Department on the Medford campus. Dr. Kang and Dr. Lee state that this interdisciplinary collaborative project applies metabolic profiling technology to assess collected saliva from patients with different gingival health before and after adult prophylaxis treatments. The study is aiming to profile collections of specific metabolites from dysbiosis that leads to identifying biomarkers capable of predicting periodontal disease susceptibility of patients.



Dr. Behzad Gerami-Naini, an Assistant Professor in Dental Research Administration with an appointment in Diagnostic Science - Oral Pathology was awarded a Tufts Collaborates grant. Dr. Gerami-Naini is collaborating with Dr. Benjamin Chan a Clinical Instructor in Orthodontics, Dr. Darren Drag an Assistant Professor in Public Health & Community Service, Dr. Yongjie Yang an Associate Professor in Neuroscience - Basic Science/Medical, and Dr. Haruki Higashimori, a research assistant professor in TUSM/Dept of Neuroscience. The project is titled, "Dental Synaptogenic and Functional Effects of Astrocytes Generated from Human Dental Pulp Stem Cells (DPSC-Astro) in Autistic Spectrum Disorder (ASD) Patients."



Dr. Pamela Yelick, a Professor in Dental Research Administration with an appointment in Orthodontics and the Director of the Division of Craniofacial and Molecular Genetics, Dr. Yelick received a Tufts Collaborates grant with the Principal Investigator Dr. Kyle Shea from the HNRCA. The other collaborator on this grant is Don Smith also from the HNRCA. The title of their project is, "Development of a Zebrafish Model to Study Vitamin D and Vitamin K Nutrition."

Please follow this [link](#) to see all the Tufts Collaborates award winners. Congratulations to all!

TUSDM Researchers in the News



Shawn Jungsu Kim (D20) knew he wanted to be a dentist but it wasn't until high school he realized he wanted to focus on periodontics because of its many connections to oral health and overall health. He also had an interest in infectious disease particularly new ways to detect human immunodeficiency virus (HIV). Shawn was recently featured in the Spring 2018 edition of the Tufts Dental Medicine Magazine for developing a low-cost HIV test kit. The test is currently manufactured by CY Molecular Diagnostic, based in

San Diego, CA where Shawn serves as the chief marketing officer, while still enrolled full time at TUSDM. Please click on this [link](#) to read the full article.

Alen Blagajcevic (D20) has been doing research with **Dr. Pamela Yelick** as a part of the [Student Fellowship Program](#). Recently the American Association of Dental Research (AADR) did a Press Release on Alen's oral presentation at the AADR Ft. Lauderdale meeting this past March. Alen's presentation was titled "Bioengineered Tooth Bud Model Functionalized With Decellularized Tooth Bud ECM". Dr. Yelick and Alen aimed to create a 3D bioengineered tooth buds to serve as replacement tooth alternative to current dental implants. Please read the full article [here](#).



CONGRATULATIONS 2018 AWARD WINNERS!



10UNDER10

ADA

TUSDM alumnus **Dr. Hubert Park (D11)** was recently featured in the ADA's 10 under 10, which honors new dentists making their mark on the dental profession. Dr. Park was selected as a 10 under 10 for the student-run free dental clinic called Tufts Sharewood Free Medical Clinic, which he founded during his time here at TUSDM. In addition to the student-run clinic Dr. Park was also selected for his work with the underserved in Boston and internationally. During Hubert's time at Tufts he was involved in research and worked on a basic science project under Dr. Jonathan Garlick and a dental materials project under Dr. Ronald Perry. Congratulations Dr. Hubert Park. [Link](#) to the full article.

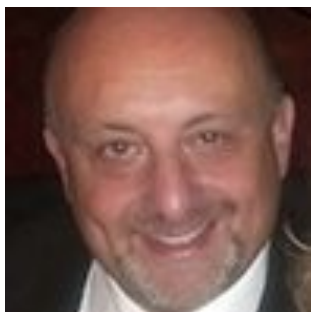
DRA was recently recognized as a Gold Level Certified Green Office. The Office of Sustainability gives Green Office Certification to departments within Tufts to recognize them for efforts to engage in sustainable practices. The certification is based on the following areas such as: Energy & Water Use; Waste & Recycling; Paper, Printing & Office Supplies; Food, Beverages & Dishware; Transportation; and Sustainability Planning & Leadership. **Elizabeth Tzavaras and Joe Cimmino** thank you for all your hard work on this certification.

Here is a [list](#) of all the other Certified Green Offices.



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Faculty Research Mentor Spotlight - Dr. Ronald Perry



In this issue, we would like to highlight a research mentor who has made a large impact on student research, Dr. Ronald Perry. Dr. Perry has been a research mentor for about 26 years. He started getting involved in research with Dr. Gerard Kugel and Dr. Charles Habib. His first research study was a clinical study on class V restorations. During the study Dr. Perry found that he really enjoyed the science behind it all. Through his research experience as a faculty member at Tufts, Dr. Perry went on to get his masters in Dental Research. His thesis was on wear analysis of composite materials using CAD/CAM technology.

Eventually Dr. Perry's interest in research led him to start mentoring dental students during their research studies. During his time as a research mentor Dr. Perry has mentored well over 200 students, which has turned into approximately 50 journal articles and 175 abstracts to show for his work as a research mentor.

As a Professor in Comprehensive Care and the Director of International Student Program, Dr. Perry believes "a lot of people have gone further than they thought they could because someone else believed they could." Dr. Perry thinks "A mentor sees the talent and ability in others and helps to bring it out of them." Through Dr. Perry's new position with the International Program he now mentors international students to assimilate into the American culture and society.

If you are interested in learning about or becoming a research mentor, please contact Eileen.Doherty@tufts.edu.



Click [here](#) to check out the TUSDM clinical trials currently enrolling patients.



Interdepartmental Research Day Winners

Nine students participated in the annual TUSDM Post-Doctoral Interdepartmental Research Day on June 25, 2018. Judges scored the oral presentations and the winners were chosen:

First place: **Dr. Shabnam Toopchi (Pediatric)**

Effect of Curing Light on Silver Diamine Fluoride: Microscopic Study

Second place: **Dr. Kai Chyuan Lei (Periodontology)**

Treatment of Recessions with Acellular Dermal Matrix in Thick and Thin Biotype Populations

Third place: **Dr. Morvarid Moini (Pediatric)**

DentalVibe Pain Perception During Local Administration in Pediatric Dental Patients

All of the talks were excellent, so congratulations to everyone who presented. Thank you to all of the judges and attendees, and thank you to all members of the Tufts Dental community who support the research endeavors of our students.

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DRA Hosted Lunch and Learns

In celebration of TUSDM's 150th anniversary DRA is hosting a series of lunch and learns which highlight the "Future of Research" by showcasing some of our junior faculty members. Please see below for a list of the upcoming Dean Huw Thomas' 150th Anniversary Lunch and Learn Series. Click on this [link](#) to be directed to all of our past lecture-captured lunch and learns listed on our website.

- August 30, 2018 @ 12pm - Dr. Yau-Hua Yu - Women's Health and Periodontitis
- September 17, 2018 @12pm - Andrew Lum (D19) and Shawn Kim (D20) - Present on Their Research

To RSVP please contact Jeff Murat via email Jeff.Murat@tufts.edu or by phone at 617-636-4045.

DRA Updates



Congratulations to **Katie Dunn** as she was recently promoted to Assistant Director of Predoctoral Research. Katie has been in DRA and at TUSDM for 11 years. During that time she has increased her knowledge and has become an integral part of DRA. Her role as Assistant Director of Predoctoral Research includes managing the day to day operations of the Predoctoral Research Program along with Eileen Doherty. In addition to managing the Predoctoral Research Program, Katie also is tasked with supervising the human resources functions of DRA, directing the communication efforts and events, and monitoring the departmental hard money accounts and corporate funded projects. Katie acts as the corporate outreach officer, and works with PIs to outline sound scientific studies and budgets. She is also the local expert on the ADEA and AADR/IADR meetings.

Recently, Katie was nominated to be on the International Association of Dental Research (IADR) board and serve as the Secretary/Treasurer for the **Student Training and Research (STAR) Network**. The official vote will be this fall. If elected, Katie's term on the board will start after the 2019 IADR meeting in Vancouver, BC and she will serve until 2022. If you need to contact Katie please do so at Katie.Dunn@tufts.edu or 617-636-4045.

Upcoming Abstract Deadlines

ADEA - If you are submitting an abstract or attending the American Dental Education Association (ADEA – March 16-19, 2019) meetings in Chicago, IL you must notify DRA by emailing Katie.Dunn@tufts.edu. If you are submitting an abstract please look at the meetings rubrics before you submit, in order to confirm you are meeting the requirements. Here is a link to the [ADEA rubrics](#) and here is a link to a [checklist](#) DRA has created. The ADEA abstract deadline is 9/10/18.

IADR - Typically the abstract deadline for the International Association of Dental Research (IADR) is in October and the meeting is in March of the following year. This year the meeting is in June 2019, so the abstract deadline has been pushed back as well. Even though the abstract deadline is later, we encourage everyone to start working on their abstracts now. If you plan on submitting or attending the IADR in 2019 you must notify DRA by emailing Katie.Dunn@tufts.edu. We have created a [checklist](#) to help with the abstract writing process. Here is a link to the [IADR abstract guidelines](#). Please note, if you are a predoctoral student submitting to the IADR meeting, Katie Dunn must submit your abstract for you in order to secure travel funds. For data analysis, results must be submitted to your statistician by **11/20/2018**, and abstracts are due to Katie by **12/4/2018**.

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Recently Awarded Grants

Please see the list below of recently awarded grants and join us in congratulating the Principal Investigators and associated research team members for their accomplishments.

Principal Investigator	Funding Agency	Award Amount	Project Title
Behzad Gerami-Naini	Tufts Collaborates	\$47,889.25	Synaptogenic and Functional Effects of Astrocytes Generated from Human Dental Pulp Stem Cells (DPSC-Astro) in Autistic Spectrum Disorder (ASD)
Yoon H. Kang	Tufts Collaborates	\$49,665.00	Correlating clinically assessed gingival health and metabolic profile of collected saliva samples before and after adult prophylaxis treatment
Gerard Kugel	Corporate	\$15,000.00	Dalhousie University Summer Fellowship
Duong Tran	Corporate	\$12,946.50	Effect of CO2 Laser Irradiation on Susceptibility to Recurrent Caries, Microleakage, and Micro-Hardness



Dr. Athena Papas received a Hero Among Us award in August 2018 at the Massachusetts State House in the Hall of Flags. Dr. Papas was an award winner for her work in creating dental programs for the elderly, ensuring those infected with HIV and AIDS have access to oral care, and for developing treatment for Sjogren's Syndrome patients. The award was presented by the Mass State Lottery and by the Boston Celtics.

NIH Deadlines

Please note these upcoming NIH Deadlines. If you wish to apply for any of these awards please contact your local Research Administrator as soon as possible.

Click [here](#) for a link to the NIH Deadlines.

	Receipt Cycle I	Receipt Cycle II	Receipt Cycle III
Research Grants – R01 (Investigator-initiated basic and applied research) <i>new</i>	February 5	June 5	October 5
Research Grants – R01 (Investigator-initiated basic and applied research) <i>renewal, resubmission, revision</i>	March 5	July 5	November 5
Research Grants – R21 (Exploratory/Developmental) <i>new</i>	February 16	June 16	October 16
Research Grants – R21 (Exploratory/Developmental) <i>renewal, resubmission, revision</i>	March 16	July 16	November 16
Career Development – K series <i>new</i>	February 12	June 12	October 12
Career Development – K series <i>renewal, resubmission, revision</i>	March 12	July 12	November 12
Conference Grants – R13 <i>new, renewal, resubmission, revision</i>	April 12	August 12	December 12
Academic Research Enhancement Award (AREA) – R15 <i>new, renewal, resubmission, revision</i>	February 25	June 25	October 25
SBIR/STTR Grants – R43, R44, R41, R42 <i>new, renewal, resubmission, revision</i>	September 5	January 5	April 5
AIDS and AIDS-Related Grants All mechanisms listed above <i>new, renewal, resubmission, revision</i>	May 7	September 7	January 7
Research Grant Supplements (Diversity, Re-Entry) <i>new</i>	No set deadline		

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2018 Lucy Hobbs Project Awards

Congratulations to Jeanette Sabir-Holloway, DDS, Director of Admissions, and Athena Papas, DMD, PhD, Distinguished Professor of Diagnostic Sciences, Erling Johansen Professor of Dental Research and Head of the Division of Oral Medicine, as they have been chosen as honorees for the 2018 Lucy Hobbs Project Awards presented by Benco Dental.

The award, named after Lucy Hobbs Taylor, the first American woman to earn a degree in dentistry, celebrates the extraordinary accomplishments of women in the ever-changing dental profession. Two of the six honorees hail from TUSDM, particularly during this 150th anniversary year as we celebrate the individuals that make this such a special place. Dr. Papas and Dr. Holloway are both leaders in the field! Please congratulate them if you see them around the school! They will be honored at The Lucy Hobbs 6th Annual Celebration on September 13-15 in San Francisco. You can read more about the award and celebration [online](#).



Dr. Holloway is the recipient of the Mentor Award for her work growing diversity within the dental field through the non-profit she founded and directs, Increasing Diversity in Dentistry (IDiD), which supports an increasingly significant number of successful applicants underrepresented in dentistry. At TUSDM, she initiated a pre-matriculation program for students, primarily from economically and educationally disadvantaged environments, to ease the transition into dental school.

Dr. Papas is the recipient of the Industry Icon Award for her depth of expertise in the oral healthcare of the elderly, medically compromised, Sjögrens, cancer and bone marrow transplant patients. Dr. Papas has been the principal investigator of over 100 clinical trials, has been the recipient of many honors, and is a life fellow of the American College of Dentists.

