Are you a student interested in research? Do you want to work closely with a faculty member delving deeper into a key area of dental health? TUSDM offers several opportunities for student researchers. The Student Research Fellowship Program funds students on faculty-mentored research projects. The research will culminate in a poster presentation at the annual Bates-Andrews Student Research Day, where you will be eligible to receive cash and travel awards. In addition, all Student Research Fellowship participants are eligible to receive travel support if the abstract based on their research is accepted to a national dental research conference. Application to the Student Research Fellowship Program involves the submission of a complete research proposal that will be evaluated by members of the TUSDM Research Committee. Please see the important submission deadlines below. Additional information is available on the Student Research Fellowship website.

<table>
<thead>
<tr>
<th>Application Dates</th>
<th>D22</th>
<th>International Students, D21, or D20</th>
</tr>
</thead>
<tbody>
<tr>
<td>Letter of Intent</td>
<td>Monday, January 07, 2019</td>
<td>Friday, January 25, 2019</td>
</tr>
<tr>
<td>Online Application</td>
<td>Monday, January 28, 2019</td>
<td>Tuesday, February 19, 2019</td>
</tr>
<tr>
<td>Research Proposal</td>
<td>Monday, February 11, 2019</td>
<td>Friday, April 26, 2019</td>
</tr>
<tr>
<td>Notifications Sent</td>
<td>Monday, March 4, 2019</td>
<td>Monday, May 20, 2019</td>
</tr>
</tbody>
</table>

**Tufts 150th Celebration**

The TUSDM 150th Anniversary Gala took place in September at the Museum of Science, and was the culmination of a year-long celebration of events. Dental Research Administration (DRA) was represented at the gala by two student researchers, Benjamin Ralston D21 and Grace Kim D19, who were there to interact with gala guests. The students spoke about their research experience and discussed the posters on display, which were highlighting the strategic plan for DRA through 2020. Thank you to everyone who participated in our events throughout this celebratory year! Here’s to the next 150 years!

**Student Research Magazine**

The Bates Student Research Group (BSRG) E-board is excited to share the second issue of the student-run research magazine at TUSDM. Shawn Kim, D20 and Joyce Ganas, D20 took the lead on launching this magazine. The magazine features: Byung Min Nahm D18, Alec Eidelman D18, Dr. Nadeem Karimbux, Dr. Irina Dragan, Jesse Feuerstein D19, Joyce Ganas D20, Sara Mir D20, Dr. Thaisa Bordin, Brent Mullen D20, Amanjot Sarao D20. We encourage you to look it over and learn about the exciting projects underway at TUSDM. [Here](#) is link to publication.

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ADEA - Abstract decisions will be sent out in the middle of November. If your abstract, tech expo, or educational session was accepted for presentation please email Katie.Dunn@tufts.edu. Notifying Katie will allow her to add you to the school’s list of presenters. If you want to start working on your presentation, please follow this link to the Tufts approved templates for the ADEA meeting. Don’t forget to check out ADEA Presenters Corner.

IADR - If you are submitting an abstract/attending the International Association of Dental Research (IADR - Vancouver, B.C. - June 19-22, 2019) meeting you must notify DRA by emailing Katie.Dunn@tufts.edu. If you are submitting an abstract to the meeting look at the meeting checklist for submission requirements here. Please note, if you are a pre-doc student submitting to the IADR meeting, Katie Dunn must submit your abstract for you in order to secure travel funds. In order to submit your abstract to Katie, please send her the Abstract Submission Form, your complete spell-checked PI approved abstract in a word document, the signed Abstract Checklist, and if you are applying for either the 411 Rapid Research or the AADR Hatton Competition those completed questionnaires. Data are due to stats on 11/19/18, and abstracts are due to Katie by 12/3/18.

Student Faculty Research Mixer

DRA hosted a Student Faculty Research Mixer this month for 1st year students. The purpose of the mixer was to create an opportunity for potential students interested in research to connect with a research mentor for the Fellowship Program. If you missed the mixer and are looking for a research mentor there are several different ways to find one: 1) Browse our Research Mentor Database. This database is a great resource for you to check out faculty members and their current research projects. 2) Look through our old Bates Andrews Day booklets. These booklets have one year’s worth of research abstracts and give you a good idea of the type and size of previous student research projects. Below are some pictures from the Student Faculty Research Mixer.
Please welcome the new additions to the Dental Research Administration Staff!

**Dr. Shruti Jain - Research Analyst**
Dental Research Administration and the Division of Biostatistics and Experimental Design are delighted to welcome Dr. Shruti Jain as TUSDM’s new Research Analyst. Dr. Jain completed her B.D.S. and practiced public health dentistry in India for two years. Subsequently, she received an M.P.H. in the focus areas of epidemiology and biostatistics from the University of Massachusetts Lowell and presented her capstone project, “Diseases of despair mortality: Trends in the residents of New Bedford and Gloucester,” at the IFISH 5 conference in St. John’s, Canada. At TUSDM, Dr. Jain will work with pre- and post-doctoral students and faculty on research project development and analysis. Please contact Dr. Jain at Shruti.Jain@tufts.edu or by calling (617) 636-3964.

**Roberta Afutu - Research Technician**
Roberta conducts research within and manages the Gavel Center laboratory which is dedicated to in vitro research in dental materials. She is responsible for monitoring student and faculty usage of laboratory space to ensure compliance and safety. Roberta also conducts literature searches for protocol design; writes research protocols, abstracts and reports; orders lab supplies and equipment; and coordinates equipment maintenance. Roberta provides assistance in the planning, organization, and implementation of the annual Bates-Andrews Research Day, while also being responsible for securing corporate sponsorships for the event. Please contact Roberta at Roberta.Afutu@tufts.edu or by calling (617) 636-2115.

**Christie McTigue - Research Coordinator**
As a Research Coordinator, Christie works with and under the direction of the Principal Investigators to develop, implement and coordinate study protocols & manage the daily clinical trial activities. She works to ensure that investigators adhere to Good Clinical Practices and to that there is consistency and conformance to the protocol requirements. Christie is also responsible for the oversight and supervision of the 14th floor Dental Research Clinic to the Tufts faculty, staff and students, providing a safe and sterile facility. Please contact Christie at Christie.Mctigue@tufts.edu or by calling (617) 636-3865.
Ask Ms. Science Compliance

Have a question about research but aren’t sure who to ask? Submit your question here and Ms. Science Compliance will be happy to answer it.

Dear Ms. Science Compliance,

I am a postdoctoral student working on a clinical trial. Would it be okay if I post pictures of the patients while they are getting their procedures done? My friends and family really like to see what I’m doing in dental school.

Sincerely, Photogenic

Dear Photogenic,

Thank you for your question! It is one of the HIPAA best practices to keep the clinic off of your social media accounts. Photos from the clinic and discussions about patients or about clinical care you’ve provided risk violating federal and state privacy laws and Dental School policy. Violations of federal HIPAA regulations may result in disciplinary actions ranging from mandatory retraining up to expulsion or termination. Even if a post does not directly violate HIPAA, posting such material is considered unprofessional. Posts about clinic work should be vague, never referring to a specific patient, procedure, case, or incident. For any additional questions please contact our Security and Privacy Officer, Kevin.ODea@tufts.edu or at x60328.

Best of luck, Ms. Science Compliance

Eggplant Meatballs

(Submitted by Katie Dunn, DRA)

INGREDIENTS

- 3 eggplants
- 3 pieces white bread
- Handful fresh Italian parsley
- 1/4 cup milk
- 1 egg
- 1 clove garlic
- 1/4 cup pecorino romano cheese
- 2 cups homemade sauce

DIRECTIONS

- Pre-heat oven to 375°. To prepare the eggplant use a peeler and remove some of the skin leaving strips of white and purple. Cut the eggplant into three pieces lengthwise and then each piece in half. Boil them in salted water until eggplant is limp and tender. Soak bread in enough milk to cover the bread entirely. After half an hour soak, remove the bread from the milk and squeeze excess milk from bread. Remove eggplant from water and place in a cloth to squeeze out all the excess water.
- Once all water is removed from eggplant place on cutting board. Remove bread from the milk and squeeze excess milk from bread. Chop ingredients very fine.
- Mix eggplant mixture in bowl with garlic, egg, and cheese. Mix with hands until completely combined. Use ice cream scoop to spoon out mixture into hands to form tight ball.
- Once all the mixture is formed into balls and placed on cookie sheet, put in oven for 15 minutes. After 15 minutes are up turn eggplant meatballs over and turn oven up to 400° for 5 more minutes. Remove from oven and place in sauce and let cook for another 10 minutes. Serve over pasta.
Dr. Jake Chen and Lab Win Big at ASBMR Annual Meeting

Dr. Jake Chen and the members of his lab recently attended the American Society of Bone and Mineral Research (ASBMR) Annual Meeting in Montreal, Canada. His lab members presented several poster and oral presentations and won the following awards for their research:

- A Young Investigator’s Award: $1,000 honorarium and a plaque for the presentation of “Irisin Deficiency Disturbs Bone Metabolism”.
- A Young Investigator’s Travel Grant: $500 for the presentation of “Identification and Characterization of IncRNA-DBD in Diabetic Bone Metabolism”.
- Late Breakthrough Presentation of “MicroRNA-335-5p Inhibits Alveolar Bone Resorption and Inflammation in Periodontitis”.
- Late Breakthrough Presentation of “Adiponectin Receptor Agonist AdipoRon Increases Mitochondrial Fusion and Biogenesis in Diabetic Bone Cells”.
- The Federation of American Societies for Experimental Biology (FASEB) presented Chen’s team a FASEB Mentored Poster/Platform Presenter Award including $1,000 cash.
- ASBMR 2018 Young Investigator Travel Grant for the abstract presentation “AdipoRon Alleviates Diabetic Bone Disorders via Suppressing Inflammation” with a $500 support.
- Young Investigator Recognition Award of $500 to attend the Pre-Meeting: The Mechanistic and Therapeutic Advances in Rare Skeletal Diseases Meeting.
- ASBMR 2018 Young Investigator Travel Grant for the abstract presentation “A therapeutic strategy for treating diabetic periodontitis” with a $750 support.

Dr. Yoon Kang Appointed as Consultant for ADA on CSA

Dr. Yoon Kang, Assistant Professor in the Department of Comprehensive Care and Dental Research Administration, has been confirmed as a consultant to the American Dental Association (ADA) Council on Scientific Affairs (CSA). The Council maintains liaison with related regulatory, research and professional organizations, encourages research in the field of over-the-counter dental therapeutics and devices, and is responsible for the ADA Seal of Acceptance program. The ADA has 10 councils which are composed of one member from each of the 17 trustee districts of the Association. Dr. Kang’s consultant term began October 23 of this year and will run until September 9, 2019.
Amanda Gozzi Presents Her Research

At the end of September, Amanda Gozzi Research Administrator II traveled to New Orleans, LA to present her research titled “Student and Faculty Perceptions of Dental Research” and to attend the 2018 Annual Society of Clinical Research Associates (SOCRA) Conference. She reported results of a survey developed by the study team to evaluate faculty and student perception of the importance of research in dental education and satisfaction with DRA services. The results of her study will be published in the conference journal in the following months.

Charlton Poster Competition and Lecture

Mythilee Kugathasan D’20 and Shawn Kim D’20 recently presented their research at the annual Charlton Poster Competition, which is hosted by the Tufts University School of Medicine Academic Research Awards Committee in conjunction with the Sackler School Dean’s Office. Both TUSDM students were recognized with awards in the Professional Division, with Mythilee receiving First Place and Shawn receiving Second Place. Congratulations to all of the participants and awards winners!

Click here to check out the TUSDM clinical trials currently enrolling patients.

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.