

Irina F. Dragan, D.D.S., M.S.

### General information

Name: Irina F. Dragan  
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### Education

- 2015 Certificate **Tufts University School of Dental Medicine** (TUSDM), Boston, USA  
Periodontology  
Program Director: Dr. Charles Hawley
- 2015 M.S. **Tufts University School of Dental Medicine** (TUSDM), Boston, USA  
Master of Science in Dental Research  
Thesis Advisor: Dr. Nadeem Karimbux
- 2011 Certificate **New York University College of Dentistry** (NYUCD), New York, USA  
Comprehensive Dentistry  
Program Director: Dr. Kambiz Ghalili
- 2009 D.D.S. **Carol Davila University Faculty of Dentistry**, Bucharest, Romania  
Doctor of Dental Surgery - (grade for the license exam 10)  
Thesis Advisor: Dr. Constantin Varlan
- 2008 Internship **University of Maryland School of Dentistry**  
Periodontics  
Program Director: Dr. Mark Reynolds

### Postdoctoral Training

- 2014 Fellow American Dental Education Association/American Association of Dental Research Academic Dental Career Program

### Faculty Academic Appointment

- 2015 - present **Tufts University School of Dental Medicine** (TUSDM), Boston, USA  
Department of Periodontology  
Assistant Professor

### Report of Clinical Activities

#### Current Licensure and Certification

- |                |                        |                                  |
|----------------|------------------------|----------------------------------|
| 2012 - present | Limited Dental License | Massachusetts                    |
| 2016 - present | Diplomate              | American Board of Periodontology |
| 2016 – present | Dental License         | West Regional Exam Board         |

### **Practice Activities**

2016 - present                      Periodontist                      Tufts Dental Associates, Boston, MA

### **Academic/teaching responsibilities at TUSDM**

2016 – present                      “Periodontal Literature Seminar Series”  
*Course Director*

2016 - present                      “Intro to the Dental Patient”  
*Course Co-Director*

2015 – present                      Dental Education Learning and Teaching Academy” Fellowship Program  
*Program Coordinator*

2015 - present                      “Complex Case Management Seminars”  
*Course Co-Director*

2015 – present                      Critical Evaluation of Scientific Literature  
*Course Director*

2015 – present                      Basic and Clinical Sciences Spiral Seminar Series  
*Faculty reviewer*

2015 – present                      “axiUm” Training Modules: resources for dental students and faculty  
*Project Manager*

### **Awards/Honors**

2016 American Academy of Periodontology Foundation/ Institute for Teaching & Learning  
2016 Osteology Foundation Education Grant  
2016 American Dental Education Association Chair of the Board of Directors Citation  
2016 Best Romanian Student in North America for the 2014-2015 Academic Year  
2015 Finalist American Academy of Periodontology Educator Scholarship  
2015 III place Award TUSDM Interdepartmental Research Day  
2014 Tufts University Provost Postgraduate Endowment  
2014 TUSDM Dean’s Scholarship  
2014 Small Grant Award International Team of Implantology  
2014 TUSDM “Bates Andrews NSRG Peer Reviewed” Award  
2013 Award - Prominent Member at the Silver Jubilee Anniversary of EDSA  
2013 TUSDM Dean’s Scholarship  
2011 NYUCD Fellowship Nomination  
2009 I Award - Colgate national competition for senior dental students  
2007 I Award - International Congress of Dental Medicine for Students „stomIS”  
2007 Anniversary Certificate – Celebration of the “Carol Davila” University  
2007 Certificate of Excellence: International Congress of Dental Medicine  
2006 II Award - International Congress of Dental Medicine for Students „stomIS”  
2006 II Award - International Congress of Dental Medicine for Students “Asklepios”  
2005 Special Award - International Congress of Dental Medicine for Students „stuDent”

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### Faculty Development

#### **Local**

2016 Curriculum Retreat – Supporting Innovation at TUSDM  
*TUSDM/TUSM Innovations in Teaching  
Dental Curriculum “Hack-a-thon”*

#### **National**

2016 ADEA Summer Program for Emerging Academic Leaders

### Committee Service

#### **Local**

2016 - present Postgraduate Program Director Search Committee  
*Committee Member*

2016 - present Tufts Dental Implants Study Club  
*Faculty Advisor*

2015 - present Tufts American Dental Education Association Student Group  
*Faculty Advisor*

2015 - present Teaching And Learning in Education integrating New Technologies Group  
*Committee Member*

2012 – 2015 TUSDM American Dental Education Association Student Chapter  
Council of Students, Residents and Fellows  
*Postgraduate TUSDM Representative*

#### **National**

2016 7<sup>th</sup> Boston Postgraduate Periodontology Residents Meeting  
*Faculty Advisor*

2016 New England Dental “Curriculum Hack-a-thon”  
*Faculty Advisor*

2015 North-East Postgraduate Residents Implant Symposium  
*Faculty Advisor*

2015 6<sup>th</sup> Boston Postgraduate Periodontology Residents Meeting  
*Local Organizing Committee Member*

2013 – 2014 ADEA Council of Students, Residents and Fellows  
*National Representative*

2013 North-East Postgraduate Residents Implant Symposium  
*Local Organizing Committee Member*

2013 4<sup>th</sup> Boston Postgraduate Periodontology Residents Meeting  
*Local Organizing Committee Member*

2012 – 2013 American Dental Education Association Policy Center  
*Consultant*

### **International**

2009 – 2010 European Dental Students' Association (Dublin, Ireland)  
*President*

2008 – 2009 European Dental Students' Association (Dublin, Ireland)  
*General Secretary*

### **Publications**

#### **Books and Chapters:**

“Carranza’s Clinical Periodontology” (editors: M. Newman, H. Takei, P. Klokkevold, F. Carranza), 12<sup>th</sup> edition - contributor with power point presentations for the chapters: “Periodontal Pathogenesis”, “Clinical Evaluation Of The Implant Patient”, “Supportive Implant Treatment”.

“Clinical Cases in Implant Dentistry” (editors: H.P. Weber, N. Karimbux), contributor for the chapter: “Lateral Window Technique For Sinus Augmentation”.

Karimbux N., Dragan I.F., Kim D. “Rudolph’s Pediatrics”, 23<sup>rd</sup> Edition. Chapter 377. “Periodontal and Gingival Health and Diseases”. McGraw Hill Education – in print.

#### **Peer reviewed articles:**

Saffari S., Lambert R.F., Dang L., Dragan I.F. Integrating student feedback during “Dental Curriculum Hack-a-Thon”. (manuscript in revision)

Dragan I.F., Pirc M., Caramida M., Karimbux N. A clinical case report to evaluate a piscine xenograft in a gingival soft tissue augmentation procedure. (manuscript in revision)

Dragan I.F., Stark P.C., Newman M., Steffensen B., Karimbux N. Impact of using “UpToDate” on the speed and accuracy of determining drug-drug-interactions in a dental school setting. J Dent Educ. 2015 Nov;79(11):1349-55.

Officers and Members of ADEA Student Chapter at Tufts University School of Dental Medicine. Peer Education: Reviews of the Literature (PERLs) - Portfolios as an Assessment Method. J Dent Educ 2015 79:997- 1000.

Urdaneta R.A., Seemann R., Dragan I.F., Lubelski W., Leary J., Chuang S.K. On the effect of natural tooth implant proximity and the concept of load-bearing platform switching. Int J Oral Maxillofac Implants. 2014 Nov-Dec;29(6):1412-24.

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Jimbo R., Marin C., Witek L., Suzuki M., Tovar N., Chesnoiu-Matei I.L., Dragan I.F., Coelho P.G. Bone morphometric evaluation around immediately placed implants covered with porcine-derived pericardium membrane: an experimental study in dogs. *Int J Biomater.* 2012;2012:279167

Divaris K., Barlow P., Chendea S., Cheong W.S., Dounis A., Dragan I.F., Hamlin J., Hosseinzadeh L., Kuin D., Mitirattanakul S., Mo'nes M., Molnar N., Perryer G., Pickup J., Raval N., Shanahan D., Songpaisan Y., Taneva E., Yaghoub-Zadeh S., West K., Vrazic D. The academic environment: the students' perspective. *Eur J Dent Educ.* 2008 Feb;12 Suppl 1:120-30.

### **Online publications:**

ADEA JDE "Paper Clips". Impact of using a simulated "Infobutton" linked to "UpToDate" on the speed and accuracy of determining drug-drug interactions in a dental school setting: a pilot randomized controlled trial.

<https://www.youtube.com/watch?v=2PN5BQBntzk&list=PLNw7-s17gF4-OchEL4LrAszftGgdsWRJa&index=1>

Trends in Clinical Periodontology. Deconstructed Science.

Dynamic navigation in implant dentistry – key points to consider in daily practice.

<http://www.trendsprioimplantresourcecenter.com/content/dynamic-navigation-implant-dentistry>

Trends in Clinical Periodontology. Learning Center Board Corner.

<http://www.trendsprioimplantresourcecenter.com/learning-center-board-corner-1>

Dental Board Mastery NBDE part 2 Mobile App. Questions/Periodontics/Sample Clinical Case/Esthetic Crown Lengthening. <http://www.dentalboardsmastery.com>

### **Ongoing Research Projects**

#### **Clinical research:**

"Comparison of the intraoperative, postoperative complications and patient's discomfort between external and internal maxillary sinus floor elevation techniques with simultaneous implant placement: a randomized clinical trial". (**Supported by the International Team of Implantology**).

"A novel implant supported provisional technique to optimize esthetics and soft tissue conditioning - a pilot clinical study" (**Supported by the TUSDM Dean's New Investigator Grant**)

"Comparing three caries prevention products on dentinal hypersensitivity – a pilot study" (**Supported by the TUSDM Dean's New Investigator Grant**)

"A clinical trial to evaluate Omega-3 wound™ compared to autogenous gingival graft tissue to augment gingival soft tissue and wound healing"

#### **Educational research:**

"Evaluation of the evidence-based clinical questions presented during the basic and clinical sciences spiral seminar series (Basicssss)"

“Direct comparison between self-assessment and peer assessment forms of the Basic and Clinical Sciences Spiral Seminar Series (BaSiCSsss)”

“The Use of Learning Catalytics in the Curriculum at Tufts University School of Dental Medicine: A Retrospective Study”

Report of Regional, National and International Invited Teaching and Presentations

Dragan I.F. Esthetic crown lengthening. University of New England College of Dental Medicine. July 2016 – Portland, Maine.

Dragan I.F. Recruitment, development and retention of junior faculty. Hong Kong University. June 2016 – Hong Kong.

Dragan I.F. The role of the periodontist in treatment planning interdisciplinary cases. International Association of Academic Periodontists. November 2015 – Puerto Vallarta, Mexico.

Dragan I.F. Key factors for soft tissue conditioning utilizing provisional restorations around natural teeth and dental implants. International Association of Academic Periodontists. November 2015 – Puerto Vallarta, Mexico.

Dragan I.F. Key factors for tridimensional implant placement in anterior areas. Mexican Association of Periodontology. August 2015 – Queretaro, Mexico.

Dragan I.F., Mordini L. How to ace a clinical case presentation. Tufts University School of Dental Medicine. January 2015 – Boston, MA - USA.

Dragan I.F., Mehta N., Anderson E. Criteria that are considered in the admission process for postgraduate programs. 6th Dental Students' Scientific Meeting in Saudi Arabia, February 2014.

Dragan I.F. Esthetic crown lengthening: key points to consider. Yankee Dental Congress, January 2014 – Boston, MA - USA.

Dragan I.F., Stark P.C. Valuable tips to design a successful research project. XXII Portuguese Dental Association Annual Meeting, November 2013 – Lisbon, Portugal.

Dragan I.F., Stark P.C. Valuable tips to design a successful research project. 5th Dental Students' Scientific Meeting in Saudi Arabia, February 2013.

Dragan I.F., Mastrososa Agnini A., Ghalili M.K. Management of the anterior esthetics. 16th Congress of the Balkan Stomatological Society, May 2011 – Bucharest, Romania.

Dragan I.F. Special Interest Group: Common problems of the European dental students. 35th. Association for Dental Education in Europe Annual Meeting, August 2009 – Helsinki, Finland.

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Report of Regional, National and International Poster and Oral Presentations

Dragan I.F., Thomas H.F., Mehta N., Rodriguez T.E., Karimbux N. Preparing junior faculty members for careers in academics. Association for Dental Education in Europe Annual Meeting, Barcelona 2016 – Barcelona, Spain.

Rizea C.D., Pirc M., Jie Yao C., von Hoyningen-Huene J., Dragan I.F., Mattheos N. Clinicians' Perspectives of Their First Dental Implant Placement Experience - Pilot Study. Association for Dental Education in Europe Annual Meeting, Barcelona 2016 – Barcelona, Spain.

Rizea C. A., Dragan I.F. The impact of professional dental students associations shaping dental students' future careers. Association for Dental Education in Europe Annual Meeting, August 2015 – Szeged, Hungary.

Dragan I., Karimbux N, Caramida M. A clinical case report to evaluate Omega-3 Wound in a gingival soft tissue augmentation procedure. The 12<sup>th</sup> International Symposium on Periodontics and Restorative Dentistry. June 2016 – Boston, MA.

Refahi P., Phan T., Saffari S., Molgaard K., Dragan I.F., Saksena Y. Re-imagining our dental education curriculum: the students' perspective. American Dental Education Association Annual Meeting, March 2016 – Denver, CO - USA.

Rizea C. A., Dragan I.F. The impact of professional dental students associations shaping dental students' future careers. Association for Dental Education in Europe Annual Meeting, August 2015 – Szeged, Hungary.

Dragan I.F., Stark P.C., Newman M., Steffensen B., Karimbux N. Impact of using "UpToDate" on the speed and accuracy of determining drug-drug-interactions in a dental school setting. American Dental Education Association Annual Meeting, March 2015 – Boston, MA - USA.

Dragan I.F., Khayat W. Three dimensional anterior reconstruction after traumatic tooth loss: a case report. International Team of Implantology Study Club. December 2014 – Boston, MA – USA; North East Postgraduate Implant Symposium. October 2014 – New York, NY – USA.

Dragan I.F., Rizea C. A. The prevalence of women leaders in the past 25 years of the European Dental Students' Association and overviewing different career pathways influenced by the leadership position. 5th American Dental Education Association International Women's Leadership Conference, September 2014 – Barcelona, Spain.

Dragan I.F., Newman T., Karimbux N., Stark P.C. Assessing the level of evidence in the postgraduate experience at TUSDM. American Dental Education Association Annual Meeting, March 2014 – San Antonio, TX - USA.

Dragan I.F., Stark P.C., Urdaneta R. NSAIDs and crestal bone levels surrounding dental implants: a meta-analysis. International Association of Dental Research Annual Meeting, March 2013 – Seattle, WA - USA.

Dragan I.F., Pani P., Marcuschamer E., Levi P., Stark P.C. Comparison of the prevalence of missing teeth among different US dental schools. "Andrew Bates" Research Day, March 2013 Boston, MA - USA.

Dragan I.F., Magnusson B., Stark P.C. Validation of the survey instrument evaluating the level of discomfort, pain, bleeding and swelling during and after dental procedures. Earle P. Charlton Lecture and Poster Competition, November 2012 - Boston, MA - USA.

Dragan I.F., Urdaneta R. The correlation between the nonsteroidal anti-inflammatory drugs and the changes in crestal bone levels surrounding dental implants. American Academy of Implant Dentistry Annual Meeting, October 2012 - Washington DC, USA.

Dragan I.F., Chuang S.K., McKenna M., Urdaneta R. Comparison of crestal bone level changes surrounding five, six and eight mm long platform-switching implants. American Academy of Periodontology Annual Meeting, September 2012 – Los Angeles, CA - USA.

Mastrososa Agnini A., Salama M., Agnini A., Salama H., Dragan I.F., Garber D. Periimplant tissue response following connective tissue augmentation and bone grafting procedure in conjunction with immediate single implant placement in the aesthetic zone: a multicenter study. American Academy of Periodontology Annual Meeting, September 2012 - Los Angeles, CA - USA.

Texeira H.S., Tovar N., Marin C., Chesnoiu-Matei I., Dragan I.F., Coelho P.G. Alveolar bone dimensional changes following tooth extraction in sites treated with or without PTFE membranes: a histological study in dogs. American Academy of Periodontology Annual Meeting, September 2012 - Los Angeles, CA - USA.

Texeira H.S., Tovar N., Marin C., Granato R., Witek L., Chesnoiu-Matei I., Dragan I.F., Suzuki M., Jimbo R., Coelho P.G. Porcine pericardium membrane around immediately placed implants: an experimental study in dogs. American Academy of Periodontology Annual Meeting, September 2012 - Los Angeles, CA - USA.

Dragan I.F., Mastrososa Agnini A., Ghalili M.K. Restorative space management in the anterior esthetics. New York University Academy of Distinguished Educators - Clinical Scholarship Showcase, March 2011 – New York, NY - USA.

Dragan I.F. European dental students experience with personal protective equipment". 3rd International Congress of Dental Medicine for Students and Young Dentists „stomIS 2007", 6-9 December 2007 Iasi, Romania.

Divaris K., Barlow P., Chendea S., Cheong W.S., Dounis A., Dragan I.F., Hamlin J., Hosseinzadeh L., Kuin D., Mitirattanakul S., Mo'nes M., Molnar N., Perryer G., Pickup J., Raval N., Shanahan D., Songpaisan Y., Taneva E., Yaghoub-Zadeh S., West K., Vrazic D. The Academic Environment: the Students' Perspective. Global Congress on Dental Education III. Composite Global Congress Papers and Reports, September 2007 – Dublin, Ireland.

Dragan I.F., Contelman C., Predoiu M., Constantinescu I., Vaideanu T. Research on the resistance given by two adhesive materials to unsustained cusps. 9th International Congress of Dental Medicine for Students and Young Dentists „ DENTIS 2007", 3-6 May 2007, Cluj-Napoca, Romania.

Dragan I.F., Contelman C. Modern techniques for investigation of noncarious lesions morphology. 2<sup>nd</sup> International Congress of Dental Medicine for Students and Young Dentists „stomIS 2006", 7-10 December 2006 Iasi, Romania.



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Contelman C., Dragan I.F. , Varlan V. Influence of dietary solvents on strength of nanofill and ormocer composites. 5th International Congress of Dental Medicine for Students and Young Dentists “stuDENT 2006”, 25-28 May 2006, Bucharest, Romania.

Contelman C., Dragan I.F., Patrascu I., Cristescu R. The frequency and morphology investigation of noncarious lesions studying a group of dental students. 5th International Congress of Dental Medicine for Students and Young Dentists “stuDENT 2006”, 25-28 May 2006, Bucharest, Romania.

Dragan I.F., Contelman C., Bodnar C. Associated etiological factors of the dental noncarious lesions. 12<sup>th</sup> International Congress of Dental Medicine for Students and Young Dentists “Asklepios”, 6-9 April 2006, Sibiu, Romania.

### Professional Societies

2011 - present	American Association for Dental Research
2011 - present	American Dental Education Association
2012 - present	American Academy of Periodontology
2004 - 2010	Association of Dental Education in Europe

### Editorial Activities

2015 - present	Journal of Dental Education <i>Peer-reviewer</i>
2014 - present	Journal of Evidence Based Dental Practice <i>Peer-reviewer</i>

### Currently Formally Supervising Predoctoral Dental Students and Residents

- Meghan Kelley (D'19). Re-Imagining the Dental Education Curriculum: Assessing the Group Presentations and Student Opinions at the 2015 and 2016 “New England Curriculum ADEA Hack-a-thon” Events.
- Sahar Mostafavi (D'18). The Use of Learning Catalytics in the Curriculum at Tufts University School of Dental Medicine: A Retrospective Study.
- Gayathri Shenoy (D'17). Evaluation of the evidence-based clinical questions presented during the basic and clinical sciences spiral seminar series (Basicssss). **Received the 2016 TUSDM “Bates Andrews OKU” Award.**
- Pooyan Refahi (PG'18). Accuracy and Perception Evaluation of a Dynamic Navigation Implant System: a Pilot Study. **Received the 2016 Student Grant from the American Academy of Implant Dentistry Foundation**

### Narrative Report

Dr. Irina Dragan is Assistant Professor in the Department of Periodontology at Tufts University School of Dental Medicine (TUSDM). She is a Diplomate of the American Board of Periodontology. Because of her unique background, she is dividing her time between the Department of Periodontology and the Office of Academic Affairs.

She received her Certificate in Periodontology and M.S. degree from TUSDM. She completed an advanced education program at NYU College of Dentistry in Comprehensive Dentistry with focus on implant dentistry in esthetic areas. She is a dedicated faculty member, researcher and clinician. She is an individual that has committed herself to a career in academics, being actively involved in teaching and mentoring predoctoral dental students and postgraduate students.

She has been actively involved with educational research projects. Her efforts have been recognized and appreciated in the ADEA (American Dental Education Association) serving first as a national representative and then as the only post-graduate fellow selected nationally for the ADEAGies/AADR (American Association of Dental Research) Academic Dental Career Program. In the same capacity she was invited by the ADEA Managing VicePresident to serve as a Consultant at the ADEA Policy Center on the topic - admission in the advanced and graduate dental education programs. In this capacity she gained valuable experience working with Dental Education Associations. She is currently the Program Coordinator of the “Dental Education Learning and Teaching Academy Fellowship”, a unique program in the USA, aimed to prepare dentists and dental specialists to become effective dental educators.

Because of her interest in oral tissue regeneration, she was one of the selected clinical faculty members part of the feedback session regarding the recently awarded NIDCR grant for Tufts Dental, Oral and Craniofacial Tissue Regeneration Consortium (DOCTRC). Most recently she is working on a project to evaluate the clinical outcomes of a novel soft tissue xenograft that is derived from fish skin. The primary results of this initiative were presented at the 12<sup>th</sup> International Symposium on Periodontics & Restorative Dentistry in June 2016. Dr. Dragan has recently worked on the online content for the 12th Edition of the most read text-book in periodontology-the Clinical Periodontology book (Newman et al), that can be used by periodontology faculty and students world-wide. She is working on a project to put together interactive multiple-choice questions with correct/incorrect answers for clinical cases. She mentors both predoctoral and postgraduate students, in both clinical and educational research projects; while serving as faculty advisor for two student groups at TUSDM: ADEA Student Group and Implant Study Club.

During the past years, she published research, contributed to textbook chapters, presented around the world and has been honored for much of her work; most recently as a finalist for the 2015 American Academy of Periodontology Educator Scholarship and in 2016 American Dental Education Association Chair of the Board of Directors Citation.