

CURRICULUM VITAE

Nov 30, 2019

NAME: Katsushi Okazaki, D.D.S., Ph.D.

ADDRESS: Department of Endodontics,
New York University College of Dentistry
345 East 24th Street, 407W
New York, NY 10010

NYU Dental Faculty Practices in NYU Langone Medical Center
222 E. 41 St., 22nd Floor
New York, NY 10017

NYU Dental Faculty Practices in Greenwich Village
726 Broadway, Suite 350,
New York, NY 10003

EDUCATION:

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|------|--------------|-----------------------------------------------------------------------------------------------------|
| 2012 | Certificate | Advanced Graduate Endodontics, New York University College of Dentistry, New York, NY |
| 2010 | Certificate | Advanced Graduate International Endodontics, New York University College of Dentistry, New York, NY |
| 2002 | Ph.D. | Aichi Medical University, Aichi, Japan |
| 1987 | B.A. /D.D.S. | Aichigakuin University, College of Dentistry, Aichi, Japan |

POSTDOCTORAL TRAINING:

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| 1997- 2002 | Clinical & Research Fellow in Anatomy, Aichi Medical University, Aichi, Japan |
| 2007- 09 | Research Fellow, Department of Immune/Molecular Biology (Chief, Massimo Costalonga), Division of Periodontology, Department of Development and Surgical Sciences, University of Minnesota, Minneapolis, MN. |

ACADEMIC POSITIONS:

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| 2019- present | NYU Dental Faculty Practice limited to Endodontics at the NYU Dental Faculty Practices South, 726 Broadway, Suite 350, New York, NY 10003 |
| 2019- present | Director of Endodontics course in Linhart Continuing Dental Education program at New York University College of Dentistry, New York, NY |
| 2018- present | NYU Dental Faculty Practice limited to Endodontics at the NYU Langone Medical Center, 222 E. 41 St. 22nd Floor, NY, NY 10017 |
| 2016- present | Director of graduate course: “Honors in Endodontics” of the DDS degree program in Department of Endodontics at New York University College of Dentistry, New York, NY. |
| 2016- present | Director of Endodontic course: “Honors in Endodontic Teaching” of the Post-graduate program in Department of Endodontics at New York University College of Dentistry, New York, NY. |
| 2015- present | Director of the Endodontic course: “Principles & Practices of Endodontics” of the Comprehensive Dentistry in International Program at New York University College of Dentistry, New York, NY. |
| 2015- present | Director of the post-graduate course: “Conferences in Endodontics” of the Advanced Programs in Department of Endodontics, New York University College of Dentistry, New York, NY. |
| 2014- 2018 | NYU Dental Faculty Practice limited to Endodontics at the NYU Langone Medical Center 530 First Avenue, New York, NY 10016 |
| 2012- present | Clinical Assistant Professor, Department of Endodontics, New York University College of Dentistry, New York, NY |
| 2010- 12 | Resident in Endodontics, New York University College of Dentistry, New York, NY. |
| 2009- 10 | Resident in International Endodontics, New York University College of Dentistry, New York, NY. |
| 2007- 09 | Research Fellow, Department of Immune/Molecular Biology (Chief, Massimo Costalonga), Division of Periodontology, Department of Development and Surgical Sciences, University of Minnesota, Minneapolis, MN. |
| 1998- 2001 | Teaching Fellow in Oral Anatomy, Aichi Medical University, Aichi, Japan |
| 1996- 2002 | Resident & Research Fellow in Anatomy, Graduate School of Aichi Medical University, Aichi, Japan |

OTHER EMPLOYMENT HISTORY:

2019- present NYU Dental Faculty Practices, 726 Broadway, Suite 350, New York, NY 10003
2013- present NYU Dental Faculty Practices, 222 E. 41 St. 22nd Floor, New York, NY 10017
2002- 07 Private Practice, Japan
1987- 96 Private practice, Japan

PROFESSIONAL LICENSES AND CERTIFICATION:

2014 New York Board of Registration in Dentistry – Faculty Limited License # 000052
2014 National Provider Identifier 1134536857

HONORS/AWARDS:

2019 Dean's Honors Day, A CELEBRATION OF EXCELLENCE, In recognition of outstanding professional distinction earned during the 2018 calendar year, Dr. Charles N. Bertolami Herman Robert Fox Dean, New York University College Of Dentistry
2018 Research Award, Best Presentation in the Programs for International Dentists - Endodontics, 2018 Research Scholarship Expo, New York University College of Dentistry
2015 New York University Academy of Distinguished Educators Award, 2015 Clinical & Educational Scholarship Showcase, Best Case study presentation by resident in the post-graduate clinics

MEMBERSHIP IN PROFESSIONAL SOCIETIES:

American Dental Association
American Association of Endodontists
New York County Dental Society
Japan Endodontic Association
The Japan Dental Association (1991- 2006)
Local Dental Societies (board member, 2003- 06)
The Japanese Association of Anatomists (1996- 2002)

RESEARCH EXPERIENCE:

Funded Research

- 2017- Research Project, New York University College of Dentistry, New York, NY. Principle Investigators: **Katsushi Okazaki**, Kentaro Imamura, Seiich Yamano: The role of developmental endothelial locus-1 in endodontic lesions of osteoporosis., in applying for grant.
- 2007 - 09 Research Project, Division of Periodontology, Department of Development and Surgical Sciences, University of Minnesota, Minneapolis, MN. Principle investigators: Massimo Costalonga, **Katsushi Okazaki**, Project:(1) Pregnancy outcomes in a murine model of periodontal bone loss and comparison of alveolar bone loss in wild type, (2) immunodeficient mice infected with Porphyromonas gingivalis.

Other Research

- 2019- present Research Project, New York University College of Dentistry, New York, NY. Principle Investigators: **Katsushi Okazaki**, RAMIN RAHMANI, Vivian Han: Anatomical study assessing the orientation of apical root resection using Cone-beam Computed Tomography Scans
- 2019- present Research Project, New York University College of Dentistry, New York, NY. Principle Investigators: **Katsushi Okazaki**, Fahad Zaman, Takahito Kakumoto: Precision and Accuracy of 3-dimensionally–printed Endodontic Non-Surgical Guides and Surgical Guides: A Human skull Study
- 2019- present Research Project, New York University College of Dentistry, New York, NY. Principle Investigators: **Katsushi Okazaki**, Laura Steff, Nikita Vakil, Analia Veitz-Keenan: Outcome of Non-Surgical Endodontic Endodontic treatment in Taurodontism teeth, systematic review meta-analysis.
- 2018- 19 Research Project, New York University College of Dentistry, New York, NY. Principle Investigators: **Katsushi Okazaki**, Amir Saadati, Rathimala Jothilingam, Michael Chang, Dong Hyun Lee: Pathfinding Ability of Mechanical Glide-path Technique and Manual Glide-path Technique: A systematic review and Meta-analysis
- 2018- 19 Research Project, New York University College of Dentistry, New York, NY. Principle Investigators: **Katsushi Okazaki**, Ina Han, Mitsuhiro Sawada: Maxillary Sinusitis of Endodontic Origin: A Systematic Review
- 2018- 19 Research Project, New York University College of Dentistry, New York, NY. Principle Investigators: **Katsushi Okazaki**, Kyungsik Yang, Ju Yong Lee: Factors of non-surgical endodontic treatment associated with increasing risks of subcutaneous facial emphysema: A systematic review
- 2018- 19 Research Project, New York University College of Dentistry, New York, NY. Principle Investigators: **Katsushi Okazaki**, Frederic Elbaz, Dean Saccomanno: Factors Affect Radiographic Interpretation of the Periapical Area.
- 2018- 19 Research Project, New York University College of Dentistry, New York, NY. Principle Investigators: **Katsushi Okazaki**, Gyu Park: Evaluation of iatrogenic errors of Non-surgical root canal treatment performed by dental students: A systematic review

- 2017- 18 Research Project, New York University College of Dentistry, New York, NY. Principle Investigators: **Katsushi Okazaki**, Younghyup Byun, Matthew Malek, Louis M. Lin, Asgeir Sigurdsson: Factors Associated with Previously Initiated Endodontic Cases Referred from a Predoctoral Dental Clinic in an Institutional Setting.
- 2017- 18 Research Project, New York University College of Dentistry, New York, NY. Principle Investigators: **Katsushi Okazaki**, Alroomy Riyadh, Frederic Elbaz, Matthew Malek, Louis M. Lin, Asgeir Sigurdsson: Assessing the root dimension of the Middle Mesial Canal in mandibular first molars using Cone beam computed tomography.
- 2017- present Research Project, New York University College of Dentistry, New York, NY. Principle Investigators: **Katsushi Okazaki**, Jason Fisher, Fahad Zaman, Matthew Malek, Louis M. Lin, Asgeir Sigurdsson: The evaluation of pulp floor morphology and root configuration in the maxillary and mandibular molars in patients using cone-beam computed tomography scan.
- 2017- 18 Research Project, New York University College of Dentistry, New York, NY. Principle Investigators: **Katsushi Okazaki**, Yoon Shin Jamie Lee, Dean Saccomanno, Hae Jung Ko, Abdulmajeed Alsharani, Analia Veitz-Keenan, Matthew Malek: Effect of root canal sealers on root fracture resistance of endodontically treated teeth: A systematic review and meta-analysis
- 2017- 18 Research Project, New York University College of Dentistry, New York, NY. Principle Investigators: **Katsushi Okazaki**, Hae Jung Ko, Analia Veitz-Keenan, Matthew Malek, Louis M. Lin, Asgeir Sigurdsson: Outcome of Non-Surgical Endodontic Treatments of Dens Evaginatus: A systematic review.
- 2017- 18 Research Project, New York University College of Dentistry, New York, NY. Principle Investigators: **Katsushi Okazaki**, Akihiro Mitsuyama: Effect of MetaSEAL on Vertical Root Fracture Resistance: A Systematic Review and Meta-analysis.
- 2017- 18 Research Project, New York University College of Dentistry, New York, NY. Principle Investigators: **Katsushi Okazaki**, Kyungsik Yang, Akihiro Mitsuyama, Min-Wen Fu, Wilson Duong, Matthew Malek, Louis M. Lin, Asgeir Sigurdsson: Evaluation in vitro the ultrasonic vibration efficacy on the time necessary to cause the breakage of Rotary Nickel-Titanium files gouging in the root canal.
- 2017- present Research Project, New York University College of Dentistry, New York, NY. Principle Investigators: **Katsushi Okazaki**, Davide Cuocolo, Amanda Eidelson, Paul A Rosenberg, Asgeir Sigurdsson: Outcome study of endodontic cases at outreach experiences.
- 2017- 18 Research Project, New York University College of Dentistry, New York, NY. Principle Investigators: **Katsushi Okazaki**, Alroomy Riyadh, Louis M. Lin, Asgeir Sigurdsson: Assessing Middle Mesial Canals in molars for apical surgery using CBCT.
- 2017- present Research Project, New York University College of Dentistry, New York, NY. Principle Investigators: Matthew Malek, Co-PI: **Katsushi Okazaki**, Ali Forghani, Louis M. Lin, Asgeir Sigurdsson: The relationship between dental school graduation date and student-level endodontic knowledge among first year post-graduate endodontic students.

- 2016- 17 Research Project, New York University College of Dentistry, New York, NY. Principle Investigators: **Katsushi Okazaki**, Hae Jung Ko, Younhyup Byun, Analia Veitz-Keenan, Mathew Malek, Louis M. Lin, Asgeir Sigurdsson: Outcome of Non-Surgical Endodontic Treatments of Dens Invaginatus, systematic review meta-analysis.
- 2016- 17 Research Project, New York University College of Dentistry, New York, NY. Principle Investigators: Kamolthip Songtrakul, Younhyup Byun, Jennifer L. Gibbs, **Katsushi Okazaki**, Asgeir Sigurdsson, Louis M. Lin: Continued Root Development of Immature Permanent Teeth with Persistent Apical Periodontitis after Regenerative Endodontic Therapy.
- 2016- 17 Research Project, New York University College of Dentistry, New York, NY. Principle Investigators: **Katsushi Okazaki**, Kamolthip Songtrakul, Younhyup Byun, Riyadh Alroomy, Louis M. Lin: Clinical and Radiographic Outcomes of Vital Pulp Therapy: A Retrospective Observational Study.
- 2016- 17 Research Project, New York University College of Dentistry, New York, NY. Principle Investigators: **Katsushi Okazaki**, Pardis Rajabi, Allyson Won, Alsharahrani Abdulmajeed, Louis M. Lin, Asgeir Sigurdsson: The evaluation of root canal morphology of the maxillary and mandibular molars in patients using Cone beam computed tomography (CBCT), Part2.
- 2016- 17 Research Project, New York University College of Dentistry, New York, NY. Principle Investigators: **Katsushi Okazaki**, Younhyup Byun, Hae Jung Ko, Ahmad Jabali, Asgeir Sigurdsson, Louis M. Lin: Assessing the bone thickness/root dimension for apical surgery using CBCT.
- 2015-16 Research Project, New York University College of Dentistry, New York, NY. Principle Investigators: **Katsushi Okazaki**, Asgeir Sigurdsson, Afshin Badii, Rojin Erfan, Shivan Anand, Alsharahrani Abdulmajeed: The evaluation of root canal morphology of the maxillary and mandibular molars in patients using Cone beam computed tomography (CBCT)
- 2015-16 Research Project, New York University College of Dentistry, New York, NY. Principle Investigators: **Katsushi Okazaki**, Rojin Erfan, Afshin Badii: An observational retrospective study of alveolar bone thickness of maxillary and mandibular molars in patients using computed tomography (CBCT)
- 2014-15 Research Project, New York University College of Dentistry, New York, NY. Principle Investigators: Paul A. Rosenberg, Yan Chen, Robert Hochberg, **Katsushi Okazaki**, Bobak Bakhshoudeh, Christina Boyd, Project: Assessment of the factors affecting selection and effectiveness of analgesics during endodontic treatment.
- 2014-15 Research Project, New York University College of Dentistry, New York, NY. Principle Investigators: Paul A. Rosenberg, **Katsushi Okazaki**, Lauren Kerpel, Kamyar Sadeghein, Ali Manesh, Project: A retrospective analysis of biopsy samples of endodontic periapical lesions.
- 2014-15 Honors Research Program, New York University College of Dentistry, New York , NY. Principle Investigators: Thuraya Elgreu, **Katsushi Okazaki**, John L Ricci, Project: Water-expandable endodontic obturation point: A comparison of 2 obturation materials.

- 2013- 14 Research Project, New York University College of Dentistry, New York, NY.
Principle Investigators: Matthew Malek, **Katsushi Okazaki**, Jennifer L. Gibbs,
Project: patient demographics and quality of pain are associated with pre-operative pain intensity.
- 2010- 12 Research Program, New York University College of Dentistry, New York, NY. Principle Investigators: Seiich Yamano, **Katsushi Okazaki**, Project 1: Novel gene-enhanced tissue engineering using 3D printed scaffolds, Project2: The effect of a bioactive collagen membrane carrying PDGF on bone regeneration in vivo.
- 2007- 09 Research Program, Division of Periodontology, Department of Development and Surgical Sciences, University of Minnesota, Minneapolis, MN. Principle investigators: Massimo Costalonga, **Katsushi Okazaki**, Project:(1) Pregnancy outcomes in a murine model of periodontal bone loss and comparison of alveolar bone loss in wild type, (2) immunodeficient mice infected with Porphyromonas gingivalis.
- 1996- 2002 Honors Research Program, Department of Anatomy, Aichi Medical University, Aichi, Japan, Principle Investigators: **Katsushi Okazaki**, Yukio Yoshida, Project: Anatomical Studies on the forearm extensor musculature to the thumb and index finger.

PUBLICATIONS:

Peer-reviewed Journal Articles:

Okazaki, K., Anatomical Studies on the forearm extensor musculature to the thumb and index finger (extensor digitorum communis, extensor carpi radialis longus and brevis, extensor pollicis longus, and extensor indicis) in Japanese. Journal of the Aichi Medical University Association, Vol.30, No.2, June 15, 2002

Okazaki, K., Anatomical Studies on the abductor pollicis longus and extensor pollicis brevis muscles in Japanese, Journal of the Aichi Medical University Association, Vol.30, No.1, March 15, 2002

Shinohara, A., **Okazaki, K.**, et al., A Case of Oromandibular Dystonia which Consultation Liaison Therapy and Physical Therapy Maked Effect, J of the Japanese Society of Oral Diagnosis/Oral Medicine, Vol.15, No.1, March, 2002

Okazaki, K., Shinohara, A., et al., Study on Position and Direction of Impacted Lower Third Molars at the clinic of Oral Maxillo-facial Surgery, Aichi Medical University Hospital, J of the Japanese Society of Oral Diagnosis/Oral Medicine, Vol.15, No.1, March, 2002

Saoud, MA., Zaazou, A., Nabil, A., Moussa, S., Aly, HM., **Okazaki, K.**, Rosenberg, PA., Lin, LM. Histological observations of pulpal replacement tissue in immature dog teeth after revascularization of infected pulps, Dental traumatology. 2015:31(3):243-249.

Book Chapter:

Okazaki K, Malek M, Lin LM. Diagnosis of pulpal-periapical disease. Dentistry Reviewed. Ed. Chugal N, Lin LM. Springer, Germany 2019 in print.

Rosenberg PA, Malek M, **Okazaki K.** The chapter on “Treatment Planning and Case Selection” in INGLE’S ENDODONTICS-7th edition, Springer, Germany 2019.

Okazaki K, Malek M, Lin LM. Diagnosis of pulpal-periapical disease. In Endodontic Prognosis. Ed. Chugal N, Lin LM. Springer, Germany 2017.

Other Publications:

Okazaki, K., A trend of Advanced Dental Education in Endodontics in USA, Journal of The Quintessence, Vol. 30 (4), 0885- 0893, 2011

Okazaki, K., CPoint TM : A New Obturation Material With Self-Sealing System, Journal of The Quintessence, Vol. 32 (10), 2140- 2147, 2013

Okazaki, K., Evidence-based Endodontics: Endodontic practice in US, Journal of Dental Outlook, Vol. 123 (1), 114- 122, 2014

Okazaki, K., Evidence-based Endodontics: Local anesthesia of mandibular first molars 1, Journal of Dental Outlook, Vol. 123 (2), 320- 326, 2014

Okazaki, K., Evidence-based Endodontics: Local anesthesia of mandibular first molars 2, Journal of Dental Outlook, Vol. 123 (3), 546- 552, 2014

Okazaki, K., Evidence-based Endodontics: Pulpal Diagnosis 1, Journal of Dental Outlook, Vol. 123 (4), 710- 717, 2014

Okazaki, K., Evidence-based Endodontics: Pulpal Diagnosis 2, Journal of Dental Outlook, Vol. 123 (5), 946- 954, 2014

Okazaki, K., Evidence-based Endodontics: Periapical Diagnosis 1, Journal of Dental Outlook, Vol. 123 (6), 1148- 1152, 2014

Okazaki, K., Evidence-based Endodontics: Periapical Diagnosis 2, Journal of Dental Outlook, Vol. 124 (1), 70- 76, 2014

Okazaki, K., Evidence-based Endodontics: Radiographic diagnosis of apical periodontitis 1, Journal of Dental Outlook, Vol. 124 (2), 302- 306, 2014

Okazaki, K., Evidence-based Endodontics: Radiographic diagnosis of apical periodontitis 2, Journal of Dental Outlook, Vol. 124 (3), 501- 505, 2014

Okazaki, K., Evidence-based Endodontics: The applications of cone beam computed tomography in endodontics 1, Journal of Dental Outlook, Vol.124 (4), 710- 716, 2014.

Okazaki, K., Evidence-based Endodontics: The applications of cone beam computed tomography in endodontics 2, Journal of Dental Outlook, Vol. 124 (5), 913- 921, 2014.

Okazaki, K., Evidence-based Endodontics: Evaluation of risk factors and estimation of prognosis in endodontic treatments, Journal of Dental Outlook, Vol. 124 (6), 1120- 1127, 2014.

Okazaki K., Treatment approach to predictable outcome for Dentistry in Japan, U S Japan Publication N Y Inc, 2015, Feb. <http://www.ujpdb.com/january2015>. (In Japanese)

Okazaki, K., A paradigm shift: Root canal treatment and Implant. U S Japan Publication N Y Inc., 2015, Feb Desumasu, Vol.19.

Okazaki, K., A leading-edge treatment for Traumatized Immature Permanent Teeth 1: Regenerative Endodontic Procedures. U S Japan Publication N Y Inc, 2017, Feb Desumasu, Vol.20.

Okazaki, K., A leading-edge treatment for Traumatized Immature Permanent Teeth 2: Regenerative Endodontic Procedures. U S Japan Publication N Y Inc, 2018, Feb Desumasu, Vol.20.

Okazaki, K., The Possibility and Significance of Studying Abroad, Journal of The Quintessence, Vol. 38, 134- 143, 2019.

Other Presentations:

- 2019 Endodontic microsurgery: presentation, Francisco Marroquin University, College of Dentistry, in Guatemala City, Guatemala.
- 2019 Endodontic microsurgery: Hands-on Seminar, Francisco Marroquin University, College of Dentistry, in Guatemala City, Guatemala.
- 2019 Japan Endodontic association in Kanto, presentation: A paradigm shift: 3D printing technology in endodontics.
- 2019 Japan Endodontic association in Kanto, Hands-on Seminar: Regenerative Endodontics Therapy.
- 2019 Turumi University, School of Dental Medicine in Japan, presentation: Dental Education in the US and Endodontic Predictability.
- 2019 Ohu University, College of Dentistry in Japan, presentation: Dental Education in the US and Endodontic Predictability.
- 2019 Japanese Academy of Narrative based Dentistry in Japan, presentation: Dental Education in the US and Endodontic Predictability.
- 2019 Study group of Taishikai in Japan, presentation: Endodontic Micro-surgery, Dental Education in the US and Endodontic Predictability.
- 2019 Study group of Aobakai in Japan, presentation: Endodontic Micro-surgery, Dental Education in the US and Endodontic Predictability.
- 2019 Study group of Seijikai in Japan, presentation: Endodontic Micro-surgery, Dental Education in the US and Endodontic Predictability.
- 2019 The 2019 Summer Practicum for International Dental Students, New York University College of Dentistry: What does our typical day look like?

- 2019 The lecture for Dental Assisting Certificate Program (DACP) students, New York University College of Dentistry: What does our typical day look like?
- 2019 Judging the American Association of Endodontists 2019 Oral and Poster Research and Table Clinic presentations.
- 2019 American Association of Endodontists 2019 Annual Session Poster Presentation: Factors of non-surgical endodontic treatment associated with increasing risks of subcutaneous facial emphysema: A systematic review
- 2019 American Association of Endodontists 2019 Annual Session Poster Presentation: Factors Affect Radiographic Interpretation of the Periapical Area.
- 2019 American Association of Endodontists 2019 Annual Session Poster Presentation: Evaluation of iatrogenic errors of Non- surgical root canal treatment performed by dental students: A systematic review
- 2019 The 2018 Research Scholarship Expo, New York University College of Dentistry: Pathfinding Ability of Mechanical Glide-path Technique and Manual Glide-path Technique: A systematic review and Meta-analysis
- 2019 The 2018 Research Scholarship Expo, New York University College of Dentistry: Maxillary Sinusitis of Endodontic Origin: A Systematic Review
- 2018 Tokyo Medical Dental University in Japan, presentation: Dental Education in the US and Endodontic Predictability.
- 2018 Tokyo Dental School in Japan, presentation: Dental Education in the US and Endodontic Predictability.
- 2018 Dental Platina Club in Japan, presentation: Dental Education in the US and Endodontic Predictability.
- 2018 The 2018 Summer Practicum for International Dental Students, New York University College of Dentistry: What does our typical day look like?
- 2018 Judging the American Association of Endodontists 2018 Oral and Poster Research and Table Clinic presentations.
- 2018 American Association of Endodontists 2018 Annual Session Poster Presentation: Factors Associated with Previously Initiated Endodontic Cases Referred from a Predoctoral Dental Clinic in an Institutional Setting.
- 2018 American Association of Endodontists 2018 Annual Session Poster Presentation: Assessing the root dimension of the Middle Mesial Canal in mandibular first molars using Cone beam computed tomography.
- 2018 American Association of Endodontists 2018 Annual Session Poster Presentation: The evaluation of pulp floor morphology and root configuration in the maxillary and mandibular molars in patients using cone-beam computed tomography scan.

- 2018 American Association of Endodontists 2018 Annual Session Poster Presentation: Effect of root canal sealers on root fracture resistance of endodontically treated teeth: A systematic review and meta-analysis
- 2018 American Association of Endodontists 2018 Annual Session Poster Presentation: Outcome of Non-Surgical Endodontic Treatments of Dens Evaginatus: A systematic review.
- 2018 The 2018 Research Scholarship Expo, New York University College of Dentistry: Effect of MetaSEAL on Vertical Root Fracture Resistance: A Systematic Review and Meta-analysis.
- 2018 The 2018 Research Scholarship Expo, New York University College of Dentistry: Evaluation in vitro the ultrasonic vibration efficacy on the time necessary to cause the breakage of Rotary Nickel-Titanium files gouging in the root canal.
- 2017 The 2017 Greater New York Dental Meeting, Scientific Poster Session: Evaluation of root canal morphology of human maxillary and mandibular molars using cone beam computed tomography (CBCT), Part2.
- 2017 The 2017 Greater New York Dental Meeting, Scientific Poster Session: Outcome of Non-Surgical Endodontic Treatments of Dens Invaginatus.
- 2017 The 2017 Greater New York Dental Meeting, Scientific Poster Session: Assessing the bone thickness/root dimension for apical surgery using CBCT.
- 2017 The 2017 Greater New York Dental Meeting, Scientific Poster Session: Assessing the root dimension of the Middle Mesial Canal in mandibular first molars using Cone beam computed tomography.
- 2017 The 2017 Summer Practicum for International Dental Students, New York University College of Dentistry: What does our typical day look like?
- 2017 Judging the American Association of Endodontists 2017 Oral and Poster Research and Table Clinic presentations.
- 2017 American Association of Endodontists 2017 Annual Session Poster Presentation: Outcome of Non-Surgical Endodontic Treatments of Dens Invaginatus.
- 2017 American Association of Endodontists 2017 Annual Session Poster Presentation: Assessing the bone thickness/root dimension for apical surgery using CBCT.
- 2017 American Association of Endodontists 2017 Annual Session Poster Presentation: Evaluation of root canal morphology of human maxillary and mandibular molars using cone beam computed tomography (CBCT), Part2.
- 2017 American Association of Endodontists 2016 Annual Session Poster Presentation: Continued Root Development of Immature Permanent Teeth with Persistent Apical Periodontitis after Regenerative Endodontic Therapy.

- 2017 American Association of Endodontists 2016 Annual Session Poster Presentation: The relationship between dental school graduation date and student-level endodontic knowledge among first year post-graduate endodontic students.
- 2017 The 2017 Research Scholarship Expo, New York University College of Dentistry: Evaluation of root canal morphology of human maxillary and mandibular molars using cone beam computed tomography (CBCT), Part2.
- 2017 The 2017 Research Scholarship Expo, New York University College of Dentistry: Assessing the bone thickness/root dimension for apical surgery using CBCT.
- 2017 The 2017 Research Scholarship Expo, New York University College of Dentistry: Assessing the root dimension of the Middle Mesial Canal in mandibular first molars using Cone beam computed tomography.
- 2017 The 2017 Research Scholarship Expo, New York University College of Dentistry: Outcome of Non-Surgical Endodontic Treatments of Dens Invaginatus.
- 2017 The 2017 Research Scholarship Expo, New York University College of Dentistry: The relationship between dental school graduation date and student-level endodontic knowledge among first year post-graduate endodontic students.
- 2016 Judging the American Association of Endodontists 2016 Oral and Poster Research and Table Clinic presentations.
- 2016 American Association of Endodontists 2016 Annual Session Poster Presentation: An observational retrospective study of alveolar bone thickness of maxillary and mandibular molars in patients using computed tomography (CBCT).
- 2016 Nihon University School of Dentistry in Japan, presentation: Cracked teeth: Diagnosis and Prognosis.
- 2016 Niponbashi Implant Center in Japan, presentation: Cleaning and Shaping the root canal system.
- 2016 The 2016 Research Scholarship Expo, New York University College of Dentistry: An observational retrospective study of alveolar bone thickness of maxillary and mandibular molars in patients using computed tomography (CBCT).
- 2016 Tokyo Medical Dental University in Japan, presentation: Dental operating microscope in Endodontics
- 2016 The Nippon Dental University in Japan, presentation: Dental operating microscope in Endodontics
- 2015 Tokyo Medical Dental University in Japan, presentation: The goal of root canal treatment
- 2015 The 2015 Research Scholarship Expo, New York University College of Dentistry: An observational retrospective study of alveolar bone thickness of maxillary and mandibular molars in patients using computed tomography (CBCT).
- 2013 Tokyo Medical Dental University in Japan, presentation: Accuracy of Pulpal diagnosis

- 2012 American Association of Endodontists 2012 Annual Session Poster Presentation: Comparison of the effect of a novel bioactive membrane releasing growth factor (PDGF or GDF-5) on bone regeneration
- 2009 IADR/AADR/CADR 87th General Session and Exhibition Poster Presentation: Porphyromonas gingivalis Induces Low-birth Weight in Periodontal Bone-loss Resistant Mice.
- 2000 National meeting in the Japanese Association of Anatomists; an anatomical study of the forearm extensor muscles.
- 2000 National meeting in the Anthropological Society of Japan; an anatomical study of the forearm
- 2000 Aichi Medical University: an anatomical study of the forearm extensor muscles.

SERVICE ACTIVITIES:

- 2016 New York University, College of Dentistry, Henry Schein Cares Global Outreach Program, Dental Outreach to Nepal.
- 2014 New York University, College of Dentistry, Henry Schein Cares Global Outreach Program, Dental Outreach to Grenada.
- 2011 New York University, College of Dentistry, Henry Schein Cares Global Outreach Program, Dental Outreach to Nicaragua.
- 2009 New York University, College of Dentistry, Henry Schein Cares Global Outreach Program, Dental Outreach to Dominican Republic.
- 1991-2001 Japan Dental Association dental Outreach program

STUDENT MENTORSHIP:

- 2018- 18 **Fahad Zaman**, Summer 2018 Student Research: New York University College of Dentistry, New York, NY: The Evaluation of Pulp Floor Morphology and Root Configuration in Mandibular Molars Using Cone-beam Computed Tomography (CBCT) Scans.
- 2016- 17 **Ahmad Jabali**, MS Clinical Research Program, New York University College of Dentistry, New York, NY: Assessing the bone thickness/root dimension for apical surgery using CBCT.
- 2015-16 **Alshahrani Abdulmajeed**, MS Clinical Research Program, New York University College of Dentistry, New York, NY: The evaluation of root canal morphology of the maxillary and mandibular molars in patients using Cone beam computed tomography (CBCT).

2014-15 **Thuraya Elgreu**, MS Research Program, New York University College of Dentistry, New York, NY: Water-expandable endodontic obturation point: A comparison of 2 obturation materials.

TEACHING EXPERIENCE:

- 2019 Endodontic microsurgery course: AY 2019 Sep, Francisco Marroquin University, College of Dentistry, in Guatemala City, Guatemala.
- 2019 Linhart Continuing Dental Education Program, International Endodontic Week: AY 2019 Jun, New York University College of Dentistry, New York, NY.
- 2019 Linhart Continuing Dental Education Program, International Endodontic Week: AY 2019 Feb, New York University College of Dentistry, New York, NY.
- 2018 Linhart Continuing Dental Education Program, International Endodontic Week: AY 2018 Jun, New York University College of Dentistry, New York, NY.
- 2018 Linhart Continuing Dental Education Program, International Endodontic Week: AY 2018 Feb, New York University College of Dentistry, New York, NY.
- 2019- present Director in Endodontic course: Linhart Continuing Dental Education Program, New York University College of Dentistry, New York, NY.
- 2016- present Director of graduate course: “Honors in Endodontics” of the DDS degree program in Department of Endodontics at New York University College of Dentistry, New York, NY.
- 2016- present Director of Endodontic course: “Honors in Endodontic Teaching” of the Post-graduate program in Department of Endodontics at New York University College of Dentistry, New York, NY.
- 2015- present Director of the Endodontic course: “Principles & Practices of Endodontics” of the Comprehensive Dentistry in International Program at New York University College of Dentistry, New York, NY.
- 2013- present Supervisor, Postdoctoral Student/Resident in Endodontics, New York University College of Dentistry, New York, NY.
- 2014- 2015 Supervisor, International Resident in Comprehensive Dentistry of International program, New York University College of Dentistry, New York, NY.
- 2014- present Instructor, Preclinical Endodontic Bench Lab in Comprehensive Dentistry of International program, New York University College of Dentistry, New York, NY.
- 2013- 2015 Supervisor, Predoctoral Student Clerkships in Endodontics, New York University College of Dentistry, New York, NY.

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