

Curriculum Vitae

Name: Simon Wai Ming Young, DDS, MD, PhD, FACS

Present Title: Associate Professor (with Tenure),
Director of Research

Address: Katz Department of Oral and Maxillofacial Surgery
The University of Texas Health Science Center at
Houston, School of Dentistry
7500 Cambridge St., Suite 6510
Houston, Texas 77054
Tel: 713-486-2568
Fax: 713-486-4333

Citizenship: Both Canadian and US Citizenship

Undergraduate Education:

09/96 – 06/99 University of Toronto, Toronto, Ontario, Canada
(B.Sc. in Human Biology, 1999)

Graduate Education:

09/99 – 06/03 Faculty of Dentistry, University of Toronto, Toronto,
Ontario, Canada
(D.D.S., *Honors*, 2003)

08/03 – 05/08 Rice University, Department of Bioengineering,
Houston, Texas, USA
(Ph.D. in Bioengineering, 2008)

08/08 – 05/11 The University of Texas Medical School at Houston,
Houston, Texas, USA
(M.D., 2011)

Postgraduate Training:

07/03 – 06/13 The University of Texas Health Science Center at
Houston, Houston, Texas, USA
(Oral & Maxillofacial Surgery Residency, 2013)

07/13 – 07/15 Harvard University, School of Engineering and
Applied Sciences, Cambridge, Massachusetts, USA
(Postdoctoral Research Fellow in Immuno-
Engineering)

Academic & Administrative Appointments:

- 05/22 – Present The University of Texas MD Anderson Cancer Center, Houston, Texas, USA (Visiting Research Collaborator in Head & Neck Surgery)
- 09/21 – Present The University of Texas Health Science Center at Houston, School of Dentistry, Houston, Texas, USA (Associate Professor with Tenure in Oral & Maxillofacial Surgery)
- 06/21 – Present The University of Texas MD Anderson Cancer Center, Houston, Texas, USA (Adjunct Assistant Professor in Head & Neck Surgery)
- 08/17 – Present Baylor College of Medicine, Houston, Texas, USA (Adjunct Member of the Dan L. Duncan Cancer Center – Cancer Cell and Gene Therapy Program)
- 11/16 – Present Baylor College of Medicine, Houston, Texas, USA (Adjunct Assistant Professor in Otolaryngology – Head & Neck Surgery)
- 07/16 – Present Rice University, Houston, Texas, USA (Adjunct Assistant Professor in Bioengineering)
- 09/15 – 07/21 The University of Texas Health Science Center at Houston, School of Dentistry, Houston, Texas, USA (Assistant Professor in Oral & Maxillofacial Surgery)
- 07/13 – 09/15 The University of Texas Health Science Center at Houston, School of Dentistry, Houston, Texas, USA (Clinical Assistant Professor in Oral & Maxillofacial Surgery)

Hospital Appointments:

- 09/15 – Present Houston Methodist Hospital - Texas Medical Center, Active Staff
- 09/13 – Present Ben Taub General Hospital – Harris Health System, Active Staff
- 09/13 – Present Lyndon B. Johnson General Hospital – Harris Health System, Active Staff

09/13 – Present Memorial Hermann Hospital - Texas Medical Center,
Active Staff

Licensure:

09/13 – Present Texas Medical Board

07/03 – Present Royal College of Dental Surgeons of Ontario

07/03 – Present Texas State Board of Dental Examiners

Certification:

11/16 – Present Collaborative Institutional Training Initiative (CITI)
Human Subjects Research Training

03/15 – Present Diplomate of the American Board of Oral and
Maxillofacial Surgery

06/13 – Present Pediatric Advanced Life Support Provider

11/10 – 11/14 Advanced Trauma Life Support Provider

07/03 – Present Advanced Cardiac Life Support Instructor

07/03 – Present Basic Life Support Provider

Professional Organizations / Committees of these Organizations:

International:

2020 – 2022 International Academy of Oral Oncology, World
Congress Scientific Planning Committee

2015 – Present International Association for Dental Research /
American Association for Dental Research,
**President of the Oral & Maxillofacial Surgery
Group (Term 2022 – 2023)**

National:

2019 – Present American College of Surgeons

2017 – Present American Academy of Craniomaxillofacial Surgeons

2015 – Present American Association of Cancer Research

2010 – Present	Alpha Omega Alpha Medical Honor Society
2008 – 2018	American Medical Association
2006 – Present	American Dental Education Association
2006 – 2019	American Dental Association
2003 – Present	American Association of Oral and Maxillofacial Surgeons
2003 – Present	Omicron Kappa Upsilon Dental Honor Society
2003 – 2015	Canadian Dental Association

Regional/State:

2013 – Present	Texas Society of Oral and Maxillofacial Surgeons
2011 – 2019	Texas Dental Association
2003 – 2015	Ontario Dental Association

Local/Institutional:

2013 – Present	Houston Society of Oral and Maxillofacial Surgeons
2013 – 2016	Greater Houston Dental Society

Honors and Awards:

International:

2019	Oral Abstract Scientific Presentation Award, 101 th Annual Meeting of the American Association of Oral and Maxillofacial Surgeons Held in Conjunction with the Dutch Association of Oral and Maxillofacial Surgeons (NVMKA). Role: Presenter and Research Primary Investigator.
------	---

National:

2020	Faculty Educator Development Award, The American Association of Oral and Maxillofacial Surgeons and The Oral and Maxillofacial Surgery Foundation
------	---

- 2018 Oral Abstract Scientific Presentation Award, 100th Annual Meeting of the American Association of Oral and Maxillofacial Surgeons. **Role:** Presenter and Research Primary Investigator.
- 2013 Pathway to Independence Award (K99/R00), National Institute of Dental and Craniofacial Research
- 2010 Alpha Omega Alpha National Medical Honor Society
- 2007 Research Summit Scholarship, The Oral and Maxillofacial Surgery Foundation
- 2007 Oral Abstract Scientific Presentation Award, 89th Annual Meeting of the American Association of Oral and Maxillofacial Surgeons. **Role:** Presenter and Graduate Student/Resident.
- 2004 Research Fellowship, The Oral and Maxillofacial Surgery Foundation

Local/Institutional:

- 2022 Dean's Excellence Award in the Scholarship of Discovery, UTHealth Houston School of Dentistry
- 2018 Oral Abstract Scientific Presentation 1st Place Award, UTHealth McGovern Medical School, House Staff Research Day. **Role:** Mentor and Research Primary Investigator.
- 2015 Rising STARS (Science and Technology Acquisition and Retention) Award, University of Texas System
- 2011 Hershel M. Rich Invention Award, Rice University
- 2003 Omicron Kappa Upsilon National Dental Honor Society
- 2003 The J.G. Bourassa Cup Proficiency Award, Faculty of Dentistry, University of Toronto
- 2003 The American Association of Oral and Maxillofacial Surgeons Dental Student/Implant Student Award, Faculty of Dentistry, University of Toronto

- 2002 The Dr. John A. Sherman Memorial Award, Faculty of Dentistry, University of Toronto
- 2002 The Ontario Dental Association Proficiency Award, Faculty of Dentistry, University of Toronto
- 2001 S.G. Bridgeman Prize, Faculty of Dentistry, University of Toronto
- 2001 The Wallace Seccombe Memorial Scholarship in Preventive Dentistry, Faculty of Dentistry, University of Toronto
- 2000 The Royal College of Dental Surgeons Scholarship in Basic Sciences, Faculty of Dentistry, University of Toronto
- 1999 Roche Diagnostics Award, Cellular Pathology Summer Student Program, University of Toronto
- 1999 Dean's List, Trinity College, University of Toronto
- 1999 Life Sciences Award, Department of Laboratory Medicine and Pathobiology, University of Toronto
- 1998 Trinity College Scholarship, Trinity College, University of Toronto
- 1998 Dean's List, Trinity College, University of Toronto
- 1997 Trinity College Scholarship, Trinity College, University of Toronto
- 1997 Dean's List, Trinity College, University of Toronto
- 1996 Trinity College Scholarship, Trinity College, University of Toronto

Editorial Positions/Editorial Boards:

- 2021 – Present Review Editor on the Editorial Board for the Open Access journal *JADA Foundational Science*, Published by Elsevier and the American Dental Association.

- 2021 – Present Review Editor on the Editorial Board for the Open Access journal *Frontiers in Physiology – Craniofacial Biology and Dental Research*, Published by Frontiers Media S.A.
- 2020 – Present Review Editor on the Editorial Board for the Open Access journal *Frontiers in Aging – Molecular Mechanisms of Aging*, Published by Frontiers Media S.A.
- 2019 Co-Editor of Textbook Entitled *Regenerative Strategies for Maxillary and Mandibular Reconstruction: A Practical Guide*, Published by Springer International Publishing, 2019.
- 2018 – Present Series Co-Editor of the *Techniques in Dentistry and Oral & Maxillofacial Surgery* Video Platform by Springer Nature Video. (<https://link.springer.com/video>)

Reviewer:

- 2021 – Present Manuscript Reviewer for *Regenerative Biomaterials* (one article/year)
- 2021 – Present Manuscript Reviewer for *Scientific Reports* (one article/year)
- 2021 – Present Manuscript Reviewer for *Oral & Maxillofacial Surgery* (one article/year)
- 2020 – Present Manuscript Reviewer for *Annals of Biomedical Engineering* (one article/year)
- 2019 – Present Manuscript Reviewer for *Nature Biomedical Engineering* (one article/year)
- 2019 – Present Manuscript Reviewer for *The Journal of Dental Research* (one article/year)
- 2019 – Present Manuscript Reviewer for *The Journal of the California Dental Association* (one article/year)
- 2017 – Present Manuscript Reviewer for *Oncotarget* (one article/year)
- 2017 – Present Manuscript Reviewer for *Molecular Therapy* (one article/year)
- 2017 – Present Manuscript Reviewer for *Advanced Healthcare Materials* (one article/year)

- 2017 – Present Manuscript Reviewer for *Oncoimmunology* (two articles/year)
- 2016 – Present Manuscript Reviewer for *Oral Oncology* (one article/year)
- 2016 – Present Manuscript Reviewer for *International Journal of Nanomedicine* (one article/year)
- 2016 – Present Manuscript Reviewer for *Journal of Oral Implantology* (one article/year)
- 2009 – Present Manuscript Reviewer for *The British Journal of Oral and Maxillofacial Surgery* (one article/year)
- 2008 – Present Manuscript Reviewer for *The Journal of Oral and Maxillofacial Surgery* (one article/year)
- 2005 – Present Manuscript Reviewer for *Tissue Engineering* (two articles/year)

Consultantships:

- 2022 – Present Consultant, Amend Surgical Inc.
- 2020 – Present Clinical Advisory Board Member, Proteocyte Diagnostics Inc.

Service on International Grant Review Panels, Study Sections, Advisory Panels, and Committees:

- 2022 – Present Grant Application Reviewer, The São Paulo Research Foundation, FAPESP
- 2022 Conference Abstract Reviewer for the 8th World Congress, International Academy of Oral Oncology
- 2021 – Present **Chair**, Research Subcommittee, Vanguard Committee for Strategic Planning, Osteo Science Foundation
- 2020 – Present Grant Application Reviewer, US-Israel Binational Science Foundation
- 2019 – Present Member, Vanguard Committee for Strategic Planning, Osteo Science Foundation

2017 – Present Conference Abstract Reviewer, Oral & Maxillofacial Surgery Scientific Group, International Association for Dental Research Meetings

2017 – Present Grant Application Reviewer, Medical Research Council, UK

2015 – Present Grant Reviewer, Cancer Research UK

Service on National Grant Review Panels, Study Sections, Advisory Panels, and Committees:

Feb 2022 Ad Hoc Reviewer, National Institute of Dental and Craniofacial Research Special Grants Review Committee, NIDCR 2022/05 Council DSR

Sept 2021 Conference Oral Abstract Judge, American Association of Oral and Maxillofacial Surgeons, 103rd AAOMS Annual Meeting, Nashville TN

Feb 2021 Ad Hoc Reviewer, National Institute of Dental and Craniofacial Research New Investigator R03 Application Review Panel, NIDCR ZDE1 NB 12

March 2020 Ad Hoc Reviewer, National Institute of Dental and Craniofacial Research Fellowship Application Review Panel, NIDCR ZDE1 NB 21

2017 – Present Conference Abstract Reviewer, Oral & Maxillofacial Surgery Scientific Group, American Association for Dental Research Meetings

Oct 2018 Ad hoc Reviewer, National Institutes of Health Center for Scientific Review, Special Emphasis Panel in Immune System Plasticity in Dental, Oral and Craniofacial Diseases, ZRG1 MOSS K57

Feb 2016 Early Career Ad Hoc Reviewer, National Institutes of Health Center for Scientific Review, Oral, Dental, and Craniofacial Sciences Study Section, 201605 ODSCS

Committees:

Service on International Committees:

2022 – present **President**, Oral & Maxillofacial Surgery Group, International Association for Dental Research (IADR)

- 2021 – 2022 **President-Elect**, Oral & Maxillofacial Surgery Group,
International Association for Dental Research (IADR)
- 2020 – 2021 **Vice-President**, Oral & Maxillofacial Surgery Group,
International Association for Dental Research (IADR)
- March 2020 **Council Representative**, Oral & Maxillofacial Surgery
Group, International Association for Dental Research (IADR)
- July 2018 **Council Representative**, Oral & Maxillofacial Surgery
Group, International Association for Dental Research (IADR)
- 2017 – Present **Group Program Chair**, Oral & Maxillofacial Surgery Group,
International Association for Dental Research (IADR)

Service on Texas Medical Center Committees:

Baylor College of Medicine, Department of Otolaryngology – Head & Neck
Surgery Committees:

- 2016 Resident Research Project Review Committee

**Service on The University of Texas Health Science Center at Houston,
Committees:**

- 2021 – Present UTHealth Research Conflicts of Interest Committee
- 2021 – Present UTHealth Center for Laboratory Animal Medicine and Care
Financial Oversight Committee

**Service on The University of Texas Health Science Center at Houston,
Graduate School of Biomedical Sciences and Medical School Committees:**

- 2017 – Present Applicant Interviewer for UTHealth Medical School /
Graduate School of Biomedical Sciences MD/PhD program

**Service on The University of Texas Health Science Center at Houston,
School of Dentistry Committees:**

The University of Texas Health Science Center at Houston, School of Dentistry
Committees:

- 2021 – Present **Chair**, IRB Protocol Submission Scientific Review
Committee
- 2021 – Present Appointment, Promotion, and Tenure Committee

2020 – 2022	Associate Dean for Research Search Committee
2017 – Present	Craniofacial Center Vision Committee
2017 – Present	Research Operations Sub-committee
2017 – Present	Clinical Research Sub-committee
2016	Senior Faculty Search Committee, Department of Diagnostic and Biomedical Sciences
2015 – 2021	Credentialing Committee
2015 – Present	Research Committee

The University of Texas Health Science Center at Houston, School of Dentistry, Katz Department of Oral & Maxillofacial Surgery Committees:

2022	Chair , Oral & Maxillofacial Surgery Faculty Instructor Search Committee
2017 – Present	Non-categorical Intern Admissions Committee
2015 – Present	Resident Admissions Committee
2015 – Present	Graduate Education Committee

Community Service:

Apr 2022	Free Tooth Extraction Day, College Station Oral & Maxillofacial Surgery, 8 hours, (Surgeon Participant)
Sep 2021	Free Tooth Extraction Day, Summerwood Oral & Maxillofacial Surgery, 8 hours, (Surgeon Participant)
Feb 2021	Free Tooth Extraction Day, College Station Oral & Maxillofacial Surgery, 8 hours, (Surgeon Participant)
Nov 2019	Houston Food Bank, 4 hours, (Participant)
Jan 2019	Free Tooth Extraction Day, Cypress Oral & Maxillofacial Surgery, 8 hours, (Surgeon Participant)
Sep 2017	UTHealth School of Dentistry Mobile Clinic for Hurricane Harvey Victims, 8 hours, (Faculty Participant)

Sep 2005 The University of Texas at Houston Dental Branch Mobile
Clinic for Hurricane Katrina Victims, 8 hours, (Resident
Participant)

Nov 2002 Winter Clinic, Academy of General Dentistry, (Participant)

Feb 2002 International Dental Students Conference, (Participant)

June 1998 Dental Clinic, Mount Sinai Hospital, Toronto, Canada,
(Participant for 3 months)

Sponsorship of Postdoctoral Fellows:

2016 – 2018 Fellow: Stacey Piotrowski
Title of project: *Development of a preclinical model of
compromised maxillofacial wound healing*
Year of completion: 2018

Membership on Thesis and Supervisory Committees:

The University of Texas Health Science Center at Houston, School of Public
Health:

2022 – Present Graduate Student Thesis Advisory Committee
Student: Urvi Mehta
Title of project: *Quality of Life Assessment in Patients After
Inferior Alveolar and/or Lingual Nerve Resection - A Cross
Sectional Study*
Degree sought: Master's of Public Health
Role: Committee Member

The University of Texas MD Anderson Cancer Center UTHealth Graduate School
of Biomedical Sciences:

2022 – Present Graduate Student Thesis Advisory Committee
Student: Gemalene Sunga
Title of project: *Combining Tumor Microenvironment-
Modulating Hydrogels with Radiotherapy for Local
Immunotherapy*
Role: **Committee Chair**

2022 – Present Graduate Student Thesis Advisory Committee
Student: Andrea Hernandez
Title of project: *Design and Characterization of a Novel Tumor Microenvironment-Modulating Hydrogel for Local Immunotherapy*
Role: **Committee Chair**

2019 – Present Graduate Student Thesis Advisory Committee
Student: Caitlynn Barrows
Title of project: *Design and Characterization of an In Vitro 3-Dimensional Salivary Gland Model of Sjogren's Syndrome*
Degree sought: Doctor of Philosophy (PhD)
Role: **Committee Chair**

Rice University, Department of Chemistry:

2016 – 2020 Graduate Student Thesis Advisory Committee
Student: David Leach
Title of project: *Multidomain Peptide Biomaterials for Enhanced Delivery of Anti-Cancer Immunotherapies*
Degree sought: Doctor of Philosophy (PhD)
Year of completion: 2020
Role: Committee Member

The University of Texas Health Science Center at Houston, School of Dentistry, Department of Orthodontics:

2017 – 2019 Graduate Student Thesis Advisory Committee
Student: Marian McCarty
Title of project: *The impact of print orientation and UV curing duration on the dimensional accuracy of 3D-printed clear orthodontic aligners*
Degree sought: Master of Science in Dentistry (MSD)
Year of completion: 2019
Role: Committee Member

2016 – 2018 Graduate Student Thesis Advisory Committee
Student: Wyatt Loflin
Title of project: *The effect of print layer thickness on the American Board of Orthodontics (ABO) Cast-Radiograph Evaluations (CRE) grading of 3D-printed models*
Degree sought: Master of Science in Dentistry (MSD)
Year of completion: 2018
Role: Committee Member

2015 – 2017 Graduate Student Thesis Advisory Committee
Student: Christian Favero
Title of project: *A comparison of 3D-printed models using a desktop stereolithography printer to commercially fabricated 3D-printed models*
Degree sought: Master of Science in Dentistry (MSD)
Year of completion: 2017
Role: Committee Member

Faculty Mentor:

The University of Texas Health Science Center at Houston, School of Dentistry:

2022 – Present Faculty Mentor for Dr. Lauren Hum
Katz Department of Oral & Maxillofacial Surgery

Student Advising:

The University of Texas MD Anderson Cancer Center UTHealth Houston
Graduate School of Biomedical Sciences:

2022 – Present Primary Graduate Student Research Advisor
Student: Gemalene Sunga
Title of project: *Combining Tumor Microenvironment-Modulating Hydrogels with Radiotherapy for Local Immunotherapy*

2022 – Present Primary Graduate Student Research Advisor
Student: Andrea Hernandez
Title of project: *Design and Characterization of a Novel Tumor Microenvironment-Modulating Hydrogel for Local Immunotherapy*

2019 – Present Primary Graduate Student Research Advisor
Student: Caitlynn Barrows
Title of project: *Design and Characterization of an In Vitro 3-Dimensional Salivary Gland Avatar to Model Human Disease*

The University of Texas Health Science Center at Houston, School of Dentistry,
Katz Department of Oral & Maxillofacial Surgery:

2021 – Present Faculty Mentor for Resident Research Project
OMS resident: Nicholas Oda, PGY1
Title of project: *Outcomes of Implants Placed in Tissue-Engineered Mandibular Reconstruction*

- 2020 – Present Faculty Mentor for Resident Research Project
OMS resident: Bristol Galbraith, PGY1
Title of project: *OMFS Imaging Algorithm for Odontogenic Pain in the Emergency Department*
- 2020 – Present Faculty Mentor for Resident Research Project
OMS resident: David Chubb, PGY1
Title of project: *Evaluating Healing of ACell vs. Split Thickness Skin Grafts at Free Flap Donor Sites*
- 2020 – Present Faculty Mentor for Resident Research Project
OMS resident: Nicholas Branham, PGY2
Title of project: *Management of Linear Morphea*
- 2020 – Present Faculty Mentor for Resident Research Project
OMS resident: James Park, PGY2
Title of project: *Analysis of Idiopathic Unilateral Condylar Hyperplasia*
- 2019 – Present Faculty Mentor for Resident Research Project
OMS resident: Marcus Gillon, PGY3
Title of project: *Efficacy of cellular bone allograft for maxillofacial reconstruction*
- 2019 – Present Faculty Mentor for Resident Research Project
OMS resident: Audra Boehm, PGY3
Title of project: *Characterization of Bone Tissue Engineering Materials in the Compromised Maxillofacial Wound Healing Environment*
- 2018 – Present Faculty Mentor for Resident Research Project
OMS resident: Victoria Manon, PGY4
Title of project: *A multi-site, prospective study of the safety and effectiveness of immediate inferior alveolar nerve allograft reconstruction with ablation of the mandible for malignant pathology*
- 2018 – 2021 Faculty Mentor for Resident Research Project
OMS resident: Jack Hua, (Graduated July 2021)
Title of project: *A multi-site, prospective study of the safety and efficacy of the PRV111 chemotherapy patch for subjects with oral squamous cell carcinoma*

- 2017 – Present Faculty Mentor for Resident Research Project
OMS resident: Steven Balandran, PGY5
Title of project: *Evaluation of topical 5-fluorouracil as adjunct therapy for keratocystic odontogenic tumors*
- 2017 – Present Faculty Mentor for Resident Research Project
OMS resident: Andrew Bhagyam, PGY5
Title of project: *Multidomain peptide hydrogels for peripheral nerve regeneration in the craniofacial complex*
- 2017 – 2021 Faculty Mentor for Resident Research Project
OMS resident: Huy Tran (Graduated July 2021)
Title of project: *Acquisition and Experimental Use of Salivary Gland Tissue for Tissue Engineering*
- 2017 – 2018 Faculty Mentor for Resident Research Project
OMS resident: Marcus Couey (graduated in July 2018)
Title of project: *Robust Anti-Tumor Immunity Is Transient and Limited by Immune Escape in a Novel Model of HPV-Associated Head and Neck Cancer*

The University of Texas Health Science Center at Houston, School of Dentistry, Student Academic Advisor Program:

- 2022 – Present Faculty Mentor for Undergraduate Dental Students
DS1 (Class of '26): Brendan Moxley and Zachary Taylor
- 2020 – Present Faculty Mentor for Undergraduate Dental Students
DS3 (Class of '24): David Drake and Jacqueline Duquemin
- 2019 – Present Faculty Mentor for Undergraduate Dental Students
DS4 (Class of '23): Suhyung Kim and Esmeralda Diaz
- 2017 – 2021 Faculty Mentor for Undergraduate Dental Students
(Class of '21): Anthony Osborne and Luan Huynh
- 2016 – 2020 Faculty Mentor for Undergraduate Dental Students
(Class of '20): Alexander Cai and Ian Castell

2016 Faculty Mentor for Summer Research Program
Student researcher: Alex Cai, DS student (now graduated)
Title of project: *Determining Metastatic Potential, E6 and E7 Gene Expression in a Novel Preclinical Model of HPV-Associated Head and Neck Squamous Cell Carcinoma*

Current Teaching responsibilities:

The University of Texas Health Science Center at Houston, School of Dentistry:

Didactic courses:

2018 – Present Course: DBPG 4003C (Thursday Clinico-Pathologic Conference)
Role: Course lecturer to OMS residents

2016 – Present Course: DBPG 4001C (Tuesday OMS Seminar)
Role: Organizer of intern resident project presentation and evaluation sessions

2016 – Present Course: DENS 2804 (Essentials of Medicine I)
Role: Course lecturer to DS2 dental undergraduate students

2016 Course: DBPG 4002A (Orthognathic Surgery Seminar)
Role: Course lecturer to OMS residents

2016 – Present Course: DBPG 1009 (Interdisciplinary Research Seminar I)
Role: Course lecturer to orthodontic residents

2016 – Present Course: DBPG 1011 (Interdisciplinary Research Seminar III)
Role: Course lecturer to orthodontic residents

Preclinical courses:

2018 – Present Course: DHBS 3209 (Emergencies in the Dental Office)
Role: Course lecturer to DH2 dental hygiene students

2018 Course: DENS 4541 (Emergency Procedures II)
Role: Course lecturer / hands-on instructor for DS4 dental undergraduate students

2017 – Present Course: DENF 3541 (Emergencies in the Dental Office)
Role: Course lecturer to DS3 dental undergraduate students

2017 Course: CLIN 3016 (Clinical Simulation I)
Role: Course lecturer / group facilitator for DS3 dental undergraduate students

Clinical courses:

2015 – Present Course: CLIN 3007 (Oral Surgery Clinic)
Role: OMS faculty instructor for DS3 dental undergraduate students in LBJ Oral Surgery Clinic and Operating Room

2013 – Present Course: unlisted
Role: One-on-one training of OMS residents in the clinic setting, on hospital rounds, and in the operating room while performing cases at LBJ General Hospital, 1 day per week

2005 – Present Course: Advanced Cardiac Life Support (ACLS)
Role: Lecturer and hands-on instructor for course participants

The University of Texas Health Science Center at Houston, Graduate School of Biomedical Sciences:

Didactic courses:

2018, 2021 Course: GS21 1611 (Topics in Molecular Medicine)
Role: Course lecturer to MD/PhD graduate students

2019 Course: GS04 1751 (Design and Delivery of Advanced Research Seminar)
Role: Course lecturer to PhD graduate students

Past Teaching responsibilities:

University of Toronto, Undergraduate Program:

2001 – 2002 Tutor, Saturday Program for Inner City High School Students

2001 Student Mentor, Summer Mentorship Program in the Health Sciences

Rice University:

2005 – 2006 Teaching Assistant, Physiology Laboratory (BIOE 320) and Biomaterials Engineering (BIOE 531)

2004 – 2008 Graduate Student Mentor, Dental Student Summer Research Program, The University of Texas Houston Health Science Center at Houston

2004 – 2005 Teaching Assistant, Systems Physiology (BIOE 322)

The University of Texas Health Science Center at Houston, School of Dentistry, Department of Oral & Maxillofacial Surgery:

2009 – 2011 Resident Instructor, History Taking and Physical Diagnosis Course for Predoctoral Dental Students

2003 – 2013 Formal Teaching of Resident Peers

- OMFS Department Clinical Pathological Conference – 2 presentations
- OMFS Department Introduction to Medical Management of Patients – 1 presentation
- OMFS Department Bi-Monthly Morbidity & Mortality Conference – 7 presentations
- OMFS Department Case-Based Learning Conference – 2 presentations
- Multi-disciplinary Facial Trauma Conference – 1 presentation

Clinical Service Responsibilities:

2015 – Present Staff surgeon in Department of Oral & Maxillofacial Surgery at Lyndon B. Johnson General Hospital, responsible for supervising patient care in the clinic, wards, and the operating room.

Current Grant Support:

2022 – Present **National Institute of Dental and Craniofacial Research, Research Supplement to Promote Diversity in Health-Related Research Grant # R01 DE030140-02S1, SynerGel: A Novel Tumor Microenvironment-Modulating Hydrogel for Local Immunotherapy**, PI: Simon Young, Mentee: Andrea Hernandez, Inclusive years: 2022-2026, Funding amount: \$287,625 (\$193,835 direct costs + \$93,709 indirect costs)

- 2021 – Present **National Institute of Dental and Craniofacial Research, Grant # R01 DE030140, SynerGel: A Novel Tumor Microenvironment-Modulating Hydrogel for Local Immunotherapy**, PI: Simon Young, Inclusive years: 2021-2026, Funding amount: \$2,765,800 (\$2,158,298 direct costs + \$607,502 indirect costs)
- 2021 – Present **KLS Martin Group, Semiconductor Biomaterials as Implant Coatings for Rapid CMF Bone Regeneration**, PI: Venu Varanasi. Inclusive years: 2021-2024, Role: Co-Investigator, Funding amount: \$101,142 (\$77,802 direct costs + \$23,340 indirect costs).
- 2020 – Present **Osteo Science Foundation, Peter Geistlich Research Award, Use of a Compromised Maxillofacial Wound Healing Model for Characterization of Bone Graft Materials**, PIs: Simon Young, F. Kurtis Kasper, Paulo Coelho, Lukasz Witek. Inclusive years: 2020-2023 NCE, Role: Co-PI, Funding amount: \$100,000 (\$90,000 direct costs + \$10,000 indirect costs).
- 2018 – Present **National Institute of Dental and Craniofacial Research, Grant # U01 DE028233, Targeting the Immunosuppressive Tumor Microenvironment to Enhance Efficacy of Radiotherapy and Immunoradiotherapy for Oral Cancer**, PI: Andrew Sikora, Inclusive years: 2018-2023, Role: Co-Investigator, Funding amount: \$179,370 (\$116,475 direct costs + \$62,895 indirect costs)
- 2017 – Present **National Institute of Dental and Craniofacial Research, Grant # R01 DE021798, Self-assembling Peptide Nanofiber Hydrogels for Nerve Regeneration**, PI: Jeffrey Hartgerink, Inclusive years: 2017-2022 NCE, Role: Co-Investigator, Funding amount: \$577,500 (\$375,000 direct costs + \$202,500 indirect costs)

Completed Grant Support:

- 2020 – 2022 **Oral & Maxillofacial Surgery Foundation, Research Support grant, Development of Surgically Implantable Minor Salivary Gland-Based Constructs for Treatment of Xerostomia**, PIs: Cindy Farach-Carson and Simon Young, Inclusive years: 2020-2022, Role: co-PI, Funding amount: \$75,000.

- 2020 – 2022 **Osteo Science Foundation, Peter Geistlich Research Award, *Antioxidant Implant Coatings for Rapid Bone and Vascular Regeneration in Compromised Wound Healing***, PI: Venu Varanasi. Inclusive years: 2020-2022, Role: Co-Investigator, Funding amount: \$40,000 (\$36,000 direct costs + \$4,000 indirect costs).
- 2016 – 2021 **National Institute of Dental and Craniofacial Research, Grant # R01 DE024747, *Tunable Nanolayer-Polymer Composite Patches for Cell-Free CMF Repair***, PI: Paula Hammond, Inclusive years: 2016-2021, Role: Co-Investigator, Funding amount: \$1,065,930 (\$693,739 direct costs + \$372,191 indirect costs).
- 2019 – 2021 **The University of Texas Health Science Center at Houston Center for Clinical Trials and Translational Sciences TL1 Program, Grant #TL1 TR003169, *Identifying The Role of Immune Cells on Loss of Salivary Function in Sjogren's Syndrome***, PIs: Simon Young and Mary C. Farach-Carson, Inclusive years: 2019-2021, Role: Co-Mentor (Graduate student training grant), Funding amount: \$95,554 (direct costs)
- 2019 – 2021 **National Institute of Dental and Craniofacial Research, Grant # R56 DE027964, *Printing and Regenerating Fractured Bone Using Antioxidant Materials***, PI: Venu Varanasi, Inclusive years: 2019-2021, Role: Co-Investigator, Funding amount: \$132,175 (\$85,000 direct costs + \$46,892 indirect costs)
- 2018 – 2021 **National Institute of Dental and Craniofacial Research, Grant # R21 DE027794, *STINGel Immunotherapy for Treatment-Resistant Head and Neck Cancer***, PI: Simon Young, Inclusive years: 2018-2021, Role: PI, Funding amount: \$263,553 (\$171,138 direct costs + \$92,415 indirect costs)
- 2018 – 2020 **Privo Corporation, Clinical Trial Support, *Phase III, Open-Label, Single-Arm Safety, Tolerability, Anti-Tumor Effects, Systemic Exposure, and Device Technical Effects of PRV111 (Cisplatin Transmucosal System) in Subjects with Oral Squamous Cell Carcinoma***, PI: Simon Young, Inclusive years: 2018-2021, Role: PI, Funding amount: \$57,684 (\$44,372 direct costs + \$13,312 indirect costs).

- 2018 – 2019 **Oral & Maxillofacial Surgery Foundation, Research Support grant, *Exploring Mechanisms to Improve STINGel Immunotherapy in Head and Neck Cancer***, PIs: Simon Young and Jeffrey Hartgerink, Inclusive years: 2018-2019, Role: co-PI, Funding amount: \$37,500.
- 2016 – 2018 **Osteo Science Foundation, Peter Geistlich Research Award, *Development of a Compromised Maxillofacial Wound Healing Model for Bone Graft Evaluation***, PIs: Simon Young and F. Kurtis Kasper, Inclusive years: 2016-2018, Role: Co-PI, Funding amount: \$100,000 (\$90,000 direct costs + \$10,000 indirect costs).
- 2015 – 2018 **University of Texas System, Rising STARS (Science and Technology Acquisition and Retention) Award, *The Use of Novel Implantable Cancer Vaccines for the Treatment of Oral Cancer***, PI: Simon Young, Inclusive years: 2015-2018, Role: PI, Funding amount: \$250,000.
- 2015 – 2018 **National Institute of Dental and Craniofacial Research, Grant # R00 DE023577, *The Use of Novel Implantable Cancer Vaccines for the Treatment of Oral Cancer***, PI: Simon Young, Inclusive years: 2015-2018, Role: Primary Investigator, Funding amount: \$750,000 (\$345,000 direct costs + \$405,000 indirect costs).
- 2013 – 2015 **National Institute of Dental and Craniofacial Research, Grant # K99 DE023577, *The Use of Novel Implantable Cancer Vaccines for the Treatment of Oral Cancer***, PI: David Mooney, Inclusive years: 2013-2015, Role: Postdoctoral Research Fellow, Funding amount to Harvard University: \$213,794 (\$197,957 direct costs + \$15,837 indirect costs).
- 2004 **Oral & Maxillofacial Surgery Foundation, Research Fellowship, *Promotion of Alveolar Bone Healing with Biopolymers***, PI: Antonios Mikos, Inclusive years: 2004-2005, Role: research fellow, Funding amount to Rice University: \$40,000.

Presentations:

International:

Conference, symposia, or workshop organizer:

- 2022 *8th World Congress of the International Academy of Oral Oncology*, Chicago, IL, USA, 6/23/22 – 6/26/22
Role: Conference Symposium Moderator and Member of the Conference Scientific Committee
- 2022 *Advances and Innovations in Surgery: OMFS, ENT Head & Neck, and Facial Plastics*, Medical Educator Consortium Global Meetings, San Diego, CA, USA, 5/13/22
Role: Conference Moderator and Member of the Conference Steering Committee
- 2021 *Treating the Tumor Microenvironment in Head and Neck Cancer*, Annual Meeting of the International Association for Dental Research, Virtual Format, 7/22/21
Role: IADR Symposium Organizer and Program Chair
- 2019 *Advances in Head and Neck Cancer Immunotherapy*, Annual Meeting of the International Association for Dental Research, Vancouver, Canada, 6/21/19
Role: IADR Symposium Organizer and Program Chair
- 2019 *Advances in 3D Planning and Printing in Maxillofacial Surgery*, Annual Meeting of the International Association for Dental Research, Vancouver, Canada, 6/20/19
Role: IADR Symposium Organizer and Program Chair
- 2019 *Advances in Maxillofacial Tissue Engineering*, Annual Meeting of the International Association for Dental Research, Vancouver, Canada, 6/19/19
Role: IADR Symposium Organizer and Program Chair
- 2018 *Evolving Trends in Head and Neck Cancer Immunotherapy*, Annual Meeting of the International Association for Dental Research, London, United Kingdom, 7/27/18
Role: IADR Symposium Organizer and Program Chair

Invited presentations at other universities and at professional meetings, conferences, and workshops:

- 2022 *From Tissue Engineering to Immunoengineering: Applying Materials for In Situ Cell Programming to Cancer Immunotherapy*, Advances in Tissue Engineering 29th Annual Short Course, Rice University, Houston, TX, 8/13/2022, 1 hour.

- 2022 *Biomaterials for Craniomaxillofacial Bone Regeneration: From Preclinical Models to Current Clinical Practice*, 2022 Regenerative Medicine Essentials Course & World Stem Cell Summit, Virtual Format, 6/6/22, 0.5 hours.
- 2022 *Advances and Innovations in the Diagnosis and Management of Oral Dysplasia*, Advances and Innovations in Surgery: OMFS, ENT Head & Neck, and Facial Plastics Conference, San Diego, CA, USA, 5/13/22, 0.5 hours.
- 2022 *Novel Biomaterials-Based Approaches for Head and Neck Cancer Immunotherapy*, Advances and Innovations in Surgery: OMFS, ENT Head & Neck, and Facial Plastics Conference, San Diego, CA, USA, 5/13/22, 0.5 hours.
- 2021 *From Tissue Engineering to Immunoengineering: Applying Materials for In Situ Cell Programming to Cancer Immunotherapy*, Advances in Tissue Engineering 28th Annual Short Course, Rice University, Houston, TX, 8/14/2021, 1 hour.
- 2021 *Biomaterial Platform Technologies for Enhancing Cancer Immunotherapy*, Annual Meeting of the International Association for Dental Research, Virtual Format, 7/22/21, 0.5 hours.
- 2019 *Injectable MDP Hydrogels for Localized Delivery of Cancer Immunotherapeutics*, 4th New Horizons in Immunotherapy for Head and Neck Cancer, Newberg, OR, 8/17/19, 0.5 hours.
- 2018 *Biomaterials-based Cancer Immunotherapy Platforms*, Annual Meeting of the International Association for Dental Research, London, United Kingdom, 7/27/18, 0.5 hours.
- 2016 *Novel Regenerative Medicine Strategies for Maxillofacial Reconstruction*, American Association of Blood Banks, AABB/TERMIS-Americas Joint Program: Regenerative Medicine Therapies for Wounded Soldiers, Orlando, FL, 10/24/16, 1 hour.
- 2016 *Applying Tissue Engineering Strategies to Cancer Immunotherapy*, Advances in Tissue Engineering 24th Annual Short Course, Rice University, Houston, TX, 8/11/2016, 1 hour.

2006 *Tissue Engineering in Oral and Maxillofacial Surgery, Advances in Tissue Engineering 14th Annual Short Course, Rice University, Houston, TX, 8/19/2006, 1 hour.*

Service as a panelist or discussant at professional meetings:

July 2021 *Oral & Maxillofacial Surgery / Bone-Muscle Crosstalk and its Involvement in Craniofacial Bone Defect repair, International Association for Dental Research Annual Meeting, Virtual Format, 7/24/21, 1.5 hours.*
Role: Oral Session Chair

July 2021 *Oral & Maxillofacial Surgery / Next-Generation Advances in OMS Research, International Association for Dental Research Annual Meeting, Virtual Format, 7/21/21, 1.5 hours.*
Role: Oral Session Chair

June 2019 *Oral & Maxillofacial Surgery / TMJ, Cleft Lip/Palate, and Craniofacial Research, International Association for Dental Research Annual Meeting, Vancouver, Canada, 6/21/19, 1.5 hours.*
Role: Oral Session Chair

June 2019 *Oral & Maxillofacial Surgery / Cancer Research, International Association for Dental Research Annual Meeting, Vancouver, Canada, 6/19/19, 1.5 hours.*
Role: Oral Session Chair

June 2019 *Oral & Maxillofacial Surgery / Wound Healing and Tissue Regeneration, International Association for Dental Research Annual Meeting, Vancouver, Canada, 6/19/19, 1.5 hours.*
Role: Oral Session Chair

July 2018 *Oral & Maxillofacial Surgery / Cancer Research, International Association for Dental Research Annual Meeting, London, United Kingdom, 7/26/18, 1.5 hours.*
Role: Oral Session Chair

Continuing education courses presented:

2022 *From Bench to Bedside: The Evolution of Tissue Engineered Maxillofacial Reconstruction, Osteo Science Foundation Webinar Series, 04/19/22, 1.0 hour.*

2020 *Innovations in Craniomaxillofacial Bone Tissue Engineering*, Osteo Science Foundation Webinar Series “Generations of Regeneration”, 4/24/20 at www.osteoscience.org, 1.0 hour.

National:

Conference, symposia, or workshop organizer:

2022 *Oral & Maxillofacial Surgery Research Collaborative Meeting*, co-hosted by *The University of Texas Health Science Center at Houston and The University of Pennsylvania*, multi-institutional online research conference at <https://bit.ly/36NZMsc>, 03/31/22, 1.5 hours
Role: Meeting Co-organizer and Program Co-Chair

2022 *Advancements in Tissue Engineering for the Regeneration of the Facial Skeleton*, American Association for Dental, Oral, and Craniofacial Research Annual Meeting, Atlanta, USA, 3/23/22
Role: AADOCR Symposium Organizer and Program Co-Chair

2022 *Advancements in Maxillofacial Surgery – A Patient-Specific Approach*, American Association for Dental, Oral, and Craniofacial Research Annual Meeting, Atlanta, USA, 3/24/22
Role: AADOCR Symposium Organizer and Program Co-Chair

2021 *Oral & Maxillofacial Surgery Research Collaborative Meeting*, co-hosted by *The University of Texas Health Science Center at Houston and The University of Pennsylvania*, multi-institutional online research conference at <https://bit.ly/3FAjhAt>, 11/18/21, 1.5 hours
Role: Meeting Co-organizer and Program Co-Chair

2018 *Immunotherapeutic Strategies Targeting Head and Neck Cancer*, American Association for Dental Research Annual Meeting, Ft. Lauderdale, USA, 3/22/18
Role: AADR Symposium Organizer and Program Chair

Invited presentations at other universities and at professional meetings, conferences, and workshops:

- 2022 *Mentoring Aspiring Surgeon-Scientists: Looking Back on a 20-year Journey of Career Development*, American College of Surgeons Mentor Program - Grand Rounds, Virtual Format, 02/21/22, 1.0 hour.
- 2022 *From Bench to Bedside: The Evolution of Tissue Engineered Maxillofacial Reconstruction*, Osteo Science Foundation – Regenerative Solutions to Common Problems Meeting, Austin, TX, 02/18/22, 1.0 hour.
- 2021 Faculty Section: *Mentoring Successful OMSs: Research Mentorship*, Annual Meeting of the American Association of Oral and Maxillofacial Surgeons, Nashville, TN, 10/01/21, 0.5 hour.
- 2020 *Cancer Immunotherapy and Oral & Maxillofacial Surgery*, Collaborative OMFS Virtual Inter-Institutional Didactic (COVID) Program, multi-institutional online education program at <https://media.dent.umich.edu/sites/omfscovid/>, 08/13/20, 1.0 hour.
- 2019 *Biomaterials-based Cancer Immunotherapy Platforms for Intratumoral Delivery of Head and Neck Tumors*, TERMIS-AM Annual Meeting, Orlando, FL, 12/02/19, 0.5 hour.
- 2019 Trauma Clinical Interest Group: *Adaptable Osseous Regenerative Options for CMF Reconstruction*, Annual Meeting of the American Association of Oral and Maxillofacial Surgeons, Boston, MA, 9/19/19, 2 hours.
- 2018 *Biomaterials-based Cancer Vaccine Platforms*, Annual Meeting of the American Association for Dental Research, Ft. Lauderdale, FL, 3/22/18, 1 hour.

Service as a panelist or discussant at professional meetings:

- Mar 2018 *Oral & Maxillofacial Surgery / Research Session 1*, American Association for Dental Research Annual Meeting, Ft. Lauderdale, USA, 3/24/18, 1.5 hours,
Role: Oral Session Chair

Regional/State:

Invited presentations at other universities and at professional meetings, conferences, and workshops:

- 2022 *Targeted Cancer Therapy*, The 31st Annual Edward C. Hinds Symposium on Contemporary Oral and Maxillofacial Surgery, The Houston Society of Oral & Maxillofacial Surgery, Houston, TX, 04/30/22, 1 hour.
- 2019 *Cancer Immunotherapy and Oral & Maxillofacial Surgery – Emerging Concepts for the Contemporary Surgeon*, The 29th Annual Edward C. Hinds Symposium on Contemporary Oral and Maxillofacial Surgery, The Houston Society of Oral & Maxillofacial Surgery, Houston, TX, 04/26/19, 1 hour.
- 2018 *Evolving Trends in Head and Neck Immunotherapy*, The 28th Annual Edward C. Hinds Symposium on Contemporary Oral and Maxillofacial Surgery, The Houston Society of Oral & Maxillofacial Surgery, Houston, TX, 04/28/18, 1 hour.
- 2015 *The Role of Growth Factors in Bone Formation*, The 25th Annual Edward C. Hinds Symposium on Contemporary Oral and Maxillofacial Surgery, The Houston Society of Oral & Maxillofacial Surgery, Houston, TX, 04/24/15, 0.5 hour.

Local/Institutional:

Conference, symposia, or workshop organizer:

- Apr 2022 UTHealth Center for Craniofacial Research Annual Retreat, Houston, TX, 4/14/22, 1 hour.
Role: Organizing Committee Member
- Feb 2020 *It's All About the Connection: The Team Concept for Dental Implant Therapy*, Joint UTHealth/VA Hospital Oral & Maxillofacial Surgery and Prosthodontics Implant Study Club, Quarterly Meeting, Houston, TX, 2/13/20, 1 hour.
Role: Study Club Organizer and Program Chair
- Sep 2019 *Risk Assessment for Biological Complications in Implant Dentistry: Bias and Checklists*, Joint UTHealth/VA Hospital Oral & Maxillofacial Surgery and Prosthodontics Implant Study Club, Quarterly Meeting, Houston, TX, 10/10/19, 1 hour.
Role: Study Club Organizer and Program Chair

- May 2019 *Recognizing Your Own Brand – The Most Important Implant Talk You’ll Ever Hear*, Joint UTHealth/VA Hospital Oral & Maxillofacial Surgery and Prosthodontics Implant Study Club, Quarterly Meeting, Houston, TX, 5/30/19, 1 hour.
Role: Study Club Organizer and Program Chair
- Feb 2019 *Implant Dentistry: Research and Clinical Practice*, Joint UTHealth/VA Hospital Oral & Maxillofacial Surgery and Prosthodontics Implant Study Club, Quarterly Meeting, Houston, TX, 2/21/19, 1 hour.
Role: Study Club Organizer and Program Chair
- Sep 2018 *Enhancing Communication Using a Digital Workflow*, Joint UTHealth/VA Hospital Oral & Maxillofacial Surgery and Prosthodontics Implant Study Club, Quarterly Meeting, Houston, TX, 9/20/18, 1 hour.
Role: Study Club Organizer and Program Chair
- Apr 2018 *Considerations for Anterior Esthetics*, Joint UTHealth/VA Hospital Oral & Maxillofacial Surgery and Prosthodontics Implant Study Club, Quarterly Meeting, Houston, TX, 4/23/18, 1 hour.
Role: Study Club Organizer and Program Chair
- Nov 2017 *Are You Guided or Misguided?*, Joint UTHealth/VA Hospital Oral & Maxillofacial Surgery and Prosthodontics Implant Study Club, Quarterly Meeting, Houston, TX, 11/30/17, 1 hour.
Role: Study Club Organizer and Program Chair
- Aug 2017 *Peri-Implant Health and Complication Management*, Joint UTHealth/VA Hospital Oral & Maxillofacial Surgery and Prosthodontics Implant Study Club, Quarterly Meeting, Houston, TX, 8/24/17, 1 hour.
Role: Study Club Organizer and Program Chair
- May 2017 *The Predictably Unpredictable Implant*, Joint UTHealth/VA Hospital Oral & Maxillofacial Surgery and Prosthodontics Implant Study Club, Quarterly Meeting, Houston, TX, 5/25/17, 1 hour.
Role: Study Club Organizer and Program Chair

- Feb 2017 *Revitalize Fixed / Fixed Hybrid Surgical and Restorative Pick Up*, Joint UTHealth/VA Hospital Oral & Maxillofacial Surgery and Prosthodontics Implant Study Club, Quarterly Meeting, Houston, TX, 2/16/17, 1 hour.
Role: Study Club Organizer and Program Chair
- Nov 2016 *Trends in Digital Dentistry*, Joint UTHealth/VA Hospital Oral & Maxillofacial Surgery and Prosthodontics Implant Study Club, Quarterly Meeting, Houston, TX, 11/17/16, 1 hour.
Role: Study Club Organizer and Program Chair
- June 2016 *Implant Esthetics: Lessons I Have Learned*, Joint UTHealth/VA Hospital Oral & Maxillofacial Surgery and Prosthodontics Implant Study Club, Quarterly Meeting, Houston, TX, 6/28/16, 1 hour.
Role: Study Club Organizer and Program Chair

Invited presentations at other universities and at professional meetings, conferences, and workshops:

- 2022 *From Tissue Engineering to Immunoengineering: Applying Materials for In Situ Cell Programming to Cancer Immunotherapy*, Annual Research Retreat, UTHealth Center for Craniofacial Research, Houston, TX, 04/14/22, 0.5 hour.
- 2020 *Immunotherapy for Head and Neck Cancer: A New Paradigm Using Biomaterials-Based Approaches*, Department of Diagnostic & Biomedical Sciences Seminar Series – University of Texas Health Science Center School of Dentistry at Houston, Houston, TX, 12/14/20, 1 hour.
- 2020 *Innovations in Craniomaxillofacial Tissue Engineering*, North American Strasbourg Osteosynthesis Research Group (S.O.R.G.) Meet the Expert Series – University Hospital University of Texas San Antonio, San Antonio, TX, 11/13/20, 2 hours.
- 2020 *Novel Biomaterials Approaches to Cancer Immunotherapy Development*, Department of Head and Neck Surgery Research Seminar Series – University of Texas MD Anderson Cancer Center, Houston, TX, 10/21/20, 1 hour.
- 2020 *Novel Biomaterials Approaches to Cancer Immunotherapy Development*, Immunology and Microbiology Seminar Series – Baylor College of Medicine, Houston, TX, 09/15/20, 1 hour.

- 2019 *Biomaterials-Based Approaches to Head and Neck Cancer Immunotherapy*, Center for Research and Scholarship – The University of Texas Arlington, Arlington, TX, 11/13/19, 1 hour.
- 2019 *Biomaterials-Based Cancer Immunotherapy Platforms for Head and Neck Cancer*, Department of Oral and Maxillofacial Surgery – Brooke Army Medical Center Oral and Maxillofacial Surgery Residency Program, San Antonio, TX, 09/04/19, 2 hours.
- 2019 *Clinical and Translational Research Projects in the Department of Oral & Maxillofacial Surgery*, Houston Center of Biomaterials & Biomimetics Dept. Research Series, University of Texas Health Science Center School of Dentistry, Houston, TX, 04/17/19, 1 hour.
- 2019 *Biomaterials-Based Cancer Immunotherapy Platforms for Head and Neck Cancer*, Thoracic, Head and Neck Cancer Research Seminar – University of Texas MD Anderson Cancer Center, Houston, TX, 02/04/19, 1 hour.
- 2019 *Biomaterials-Based Cancer Immunotherapy Platforms for Head and Neck Cancer*, Department of Bioscience Research Seminar Series – University of Tennessee Health Science Center, Memphis, TN, 01/16/19, 1 hour.
- 2018 *Biomaterials-Based Cancer Immunotherapy Platform Technologies*, Oral & Maxillofacial Surgery Grand Rounds – Mayo Clinic, Rochester, MN, 08/17/18, 1 hour.
- 2018 *Biomaterials-Based Cancer Immunotherapy Platforms*, Otolaryngology Head & Neck Surgery Grand Rounds – Baylor College of Medicine, Houston, TX, 06/07/18, 1 hour.
- 2017 *Immunoengineering: Materials-Based Approaches for Enhancing Cancer Immunotherapy*, Oral & Maxillofacial Surgery Service Meeting - Houston Methodist Hospital, Houston, TX, 07/27/17, 30 minutes.
- 2016 *Immunoengineering: Materials-Based Approaches for Enhancing Cancer Immunotherapy*, Thoracic, Head and Neck Cancer Research Seminar – University of Texas MD Anderson Cancer Center, Houston, TX, 05/02/16, 1 hour.

- 2016 *Immunoengineering: Materials-Based Approaches for Enhancing Cancer Immunotherapy*, Department of Diagnostic & Biomedical Sciences Seminar Series – University of Texas Health Science Center School of Dentistry at Houston, Houston, TX, 02/22/16, 1 hour.
- 2015 *Immunoengineering: Materials-Based Approaches for Enhancing Cancer Immunotherapy*, Head & Neck Cancer Working Group Monthly Seminar, Baylor College of Medicine, Houston, TX, 09/09/15, 0.5 hour.
- 2014 *Applications of Controlled Release Systems in Oral & Maxillofacial Surgery: From Tissue Engineering to Immunotherapy*, Department of Oral & Maxillofacial Surgery – University of California San Francisco, San Francisco, CA, 10/20/14, 1 hour.
- 2014 *Applications of Controlled Release Systems in Oral & Maxillofacial Surgery: From Tissue Engineering to Immunotherapy*, Department of Otolaryngology – Baylor College of Medicine, Houston, TX, 10/13/14, 1 hour.
- 2014 *Applications of Controlled Release Systems in Oral & Maxillofacial Surgery: From Tissue Engineering to Immunotherapy*, Goldman School of Dental Medicine - Boston University, Boston, MA, 9/25/14, 1 hour.
- 2014 *Applications of Controlled Release Systems in Oral & Maxillofacial Surgery: From Tissue Engineering to Immunotherapy*, Rutgers School of Dental Medicine, Newark, NJ, 9/23/14, 1 hour.
- 2007 *Tissue Engineering in Oral and Maxillofacial Surgery*, Department of Diagnostic and Biomedical Sciences, University of Texas Dental Branch at Houston, Houston, TX, 11/15/07, 1 hour.
- 2007 *Tissue Engineering in Oral and Maxillofacial Surgery: Trials and Tribulations*, Houston Society of Oral & Maxillofacial Surgeons, Houston, TX, 2/13/07, 1 hour.

Publications:

H-index: 26 (4,533 citations by Sep 2022)

Abstracts (* = Presenting author):

1. Ryu JD*, Han SY, Lelis J, McGue C, Hanna I, Boehm A, **Young S**, Lee DH, Herford A, Young S, Viet CT: Opioid Prescribing Patterns of Oral and Maxillofacial Surgeons at a Single Academic Institution in Southern California- A 10-year Retrospective Study. *American Association of Oral & Maxillofacial Surgeons Annual Meeting*, New Orleans, Louisiana (September 12-17, 2022). **(Winner, poster session)**.
2. McGue C*, Asam KR, Yu G, Thomas CM, Callahan NF, Morlandt AB, **Young S**, Melville JC, Shum JW, Aouizerat BE, Viet CT: Epigenomic and Gene Expression Landscape of Tobacco Use in Oral Squamous Cell Carcinoma. *American Association of Oral & Maxillofacial Surgeons Annual Meeting*, New Orleans, Louisiana (September 12-17, 2022).
3. Boudreaux ER*, Manon VA, Chubb D, Hanna I, Marchena J, Arribas AR, **Young S**, Wong ME, Melville JC: Implant Survival in Tissue-engineered Mandibular Reconstruction. *American Association of Oral & Maxillofacial Surgeons Annual Meeting*, New Orleans, Louisiana (September 12-17, 2022).
4. Awad K*, Ahuja N, **Young S**, Brotto M, Varanasi V: Bioactive Silicon Oxynitride Coatings and Innovative Nanoparticles as Next-Generation Biomaterials for Rapid Bone Regeneration. *American Society for Bone and Mineral Research Annual Meeting*, Austin, Texas (Sep 9-12, 2022).
5. Hernandez A*, Dharmaraj N, Sunga G, Rangel R, Sikora AG, **Young S**: Establishing the ROC1 preclinical model of oral cancer to understand location-based differences in the tumor immune microenvironment. *The University of Texas Graduate School of Biomedical Sciences Student Research Day*, Houston, Texas (June 23, 2022).
6. Melville JC*, Manon VA, **Young S**, Arribas AR, Hanna I, Wong ME: In-Situ Tissue Engineering for the Reconstruction and Dental Rehabilitation of Severely Atrophic Mandibles: A Review of Technique. *American Academy of Craniomaxillofacial Surgeons Annual Meeting*, Jacksonville, Florida (Apr 22-23, 2022).
7. Manon VA, Oda N, Boudreaux E, Tran HQ, **Young S**, Melville JC*: Implant Survival in Tissue-Engineered Mandibular Reconstruction – Early Experiences from the University of Texas Health Science Center at Houston. *American Academy of Craniomaxillofacial Surgeons Annual Meeting*, Jacksonville, Florida (Apr 22-23, 2022).

8. Barrows C*, Wu D, Witt R, Callahan LS, **Young S**, Farach-Carson MC: Innervated Bioengineered Salivary Gland to Model SARS-CoV-2 Infectivity. *American Association for Dental, Oral, and Craniofacial Research Annual Meeting*, Atlanta, Georgia (Mar 24-26, 2022).
9. Ahuja, N*, Awad K, Yang S, Dong H, Brotto M, Aswath P, **Young S**, Varanasi V: Increasing N/O Ratio in Antioxidant SiONx Coatings Enhances Osteogenic Capacity. *American Association for Dental, Oral, and Craniofacial Research Annual Meeting*, Atlanta, Georgia (Mar 24-26, 2022).
10. Mai S*, Barrows C, Wu D, **Young S**, and Farach-Carson MC: Constructing a Tissue-Level Landscape of Potential Targets for SARS-CoV-2 Infection Through a Bioinformatic Analysis of Surrogate Markers. *26th Hinman Student Research Symposium*, Online (Oct 29-31, 2021).
11. Varanasi V*, Awad K, Ahuja N, **Young S**, Brotto M, Prisby R, Zui P, Aswath P: Antioxidant Nanocomposite Hydrogels for Rapid Critical Sized Bone Defect Healing. *The American Society for Bone and Mineral Research Annual Meeting*, San Diego, California (Oct 1-4, 2021).
12. **Young S***, Dharmaraj N, Leach DG, Sikora AG, Hartgerink JD: Novel Tumor Microenvironment-Modulating Hydrogels for Cancer Immunotherapy. *American Academy of Craniomaxillofacial Surgeons Annual Meeting*, Orlando, Florida (Sep 2-5, 2021).
13. Melville JC*, **Young S**, Farach L, Farach-Carson MC, Vigneswaran N, Manon V, Chubb D, Guenther J, Wong M: Genomic Analysis of COVID-Related Massive Macroglossia. *American Academy of Craniomaxillofacial Surgeons Annual Meeting*, Orlando, Florida (Sep 2-5, 2021).
14. Zhang W*, Saxena S, Fakhrzadeh A, Rudolph S, **Young S**, Kohn J, Yelick PC: hDPSC/HUVEC seeded E1001(1k) constructs for craniomaxillofacial bone repair. *International Association for Dental Research Annual Meeting*, (July 21-24, 2021).
15. Barrows C*, Wu D, Callahan LS, **Young S**, Farach-Carson MC: Neurointegration of Assembling Human Salivary Stem/Progenitor Cells Assists Neotissue Formation. *International Association for Dental Research Annual Meeting*, (July 21-24, 2021).
16. Agrawal N*, Izumchenko E, Hodge K, **Young S**, Melville JC, Shum J, Alsuwied D, Sandulache V, Harris M, Manzi A, Goldberg M: A Phase II Study of PRV111 Nanoengineered Cisplatin Patch as a Neoadjuvant Therapy for Early-Stage Oral Squamous Cell Carcinoma (OSCC), *Annual Meeting of the American Society of Clinical Oncology*, Online (June 4-8, 2021).

17. Chow C*, **Young S**, Farach L, Farach-carson MC, Vigneswaran N, Manon V, Chubb D, Guenther J, Wong ME, and Melville JC: Genomic Analysis of COVID-Related Massive Macroglossia, *Annual Meeting of the Southwest Society of Oral & Maxillofacial Surgeons*, San Antonio, Texas (April 17, 2021).

18. Barrows CML*, Wu D, Callahan LS, **Young S**, Farach-Carson MC: Tissue Engineering Strategies to Develop a 3D Innervated Salivary Gland Avatar. *3rd Biennial Patricia Levy Zusman International Workshop on Neuroregeneration*, Houston, Texas, USA (Mar 3-5, 2021).

19. Leach D, Munoz N, Dupuis C, Williams M, Dixon K, **Young S**, Sheth R*, Hartgerink J: Self-Assembling Hydrogel Platform Improves Intratumoral Drug Delivery and Retention. *Society of Interventional Radiology Annual Scientific Meeting*, Seattle, Washington (Mar 28-Apr 2, 2020). (Conference canceled).

20. Yee A*, Dharmaraj N, **Young S**: IFN-I Pathway Gene Expression in MOC1 Cells Treated with CDN. *International Association for Dental Research Annual Meeting*, Washington DC, USA (Mar 18-21, 2020). (Conference canceled).

21. Ahuja N*, Awad K, Monte F, Brotto M, Aswath P, Kim H, **Young S**, Varanasi V: Effect of Silicon-Oxynitrophosphide on Osteogenesis and Angiogenesis in Craniofacial Applications. *International Association for Dental Research Annual Meeting*, Washington DC, USA (Mar 18-21, 2020). (Conference canceled).

22. Barrows C*, Wu D, Callahan LS, **Young S**, Farach-Carson MC: Neuroprogenitor Cells Influence Human Salivary Microstructures in Bioactive Hydrogels. *International Association for Dental Research Annual Meeting*, Washington DC, USA (Mar 18-21, 2020). (Conference canceled).

23. **Young S***, Dharmaraj N, Leach DG, Piotrowski S, Sikora AG, Hartgerink JD: Biomaterials-Based Cancer Immunotherapy in Preclinical Models of Treatment-Resistant Head and Neck Cancer. *American Association of Oral & Maxillofacial Surgeons Annual Meeting*, Boston, Massachusetts (September 16-21, 2019). **(Winner, oral abstract session)**.

24. Ahuja N*, Awad K, Tran H, Wilson L, Aswath P, **Young S**, Varanasi V: Antioxidant Properties and Enhanced Osteointegration by SiONx Coated Mandibular Implants. *International Association for Dental Research Annual Meeting*, Vancouver, Canada (June 18-22, 2019).

25. **Young S***, Piotrowski SL, Dharmaraj N, Clark A, Tailor R, Bankson J, Hill LR, Lai SY, Kasper FK: Development of a Novel Rabbit Model of Compromised Oral Wound Healing. *American Academy of Craniomaxillofacial Surgeons Annual Meeting*, San Antonio, Texas (May 9-10, 2019).

26. Tan YS, Heath BR, Hill BD, Luo X, Rizvi SM, Moghbeli T, Hu H, Siismets E, Wen H, Xie Y, Sun D, **Young S**, Zou W, Wen F, Lei YL: Resolving STING-Mediated Tumor Immune Microenvironment Shift at Single-Cell Resolution. *AACR-AHNS Head and Neck Cancer Conference: Optimizing Survival and Quality of Life through Basic, Clinical, and Translational Research*, Austin, Texas (April 29-30, 2019).

27. Leach DG*, Dharmaraj N, Piotrowski SL, Lopez-Silva TL, Lei YL, Sikora AG, **Young S**, Hartgerink JD: STINGel: A Biomaterial-Based Drug Delivery Vehicle for Enhanced Cancer Immunotherapy. *Materials Research Society Spring Meeting*, Phoenix, Arizona (April 22-26, 2019).

28. Ali N*, **Young S**, Shum JW, Hanna IA, Wong ME, Melville JC: The Efficacy of Bioengineering (Stem Cells, Allogeneic bone, and rhBMP-2) for Reconstruction of Large Mandibular Continuity Defects: A Retrospective Study of 24 Patients over a 3-Year Period. *American Association of Oral & Maxillofacial Surgeons Annual Meeting*, Chicago, Illinois (October 8-13, 2018).

29. **Young S***, Dharmaraj N, Leach DG, Piotrowski S, Sikora AG, Hartgerink JD: Biomaterials-Based Cancer Immunotherapy in Preclinical Models of Treatment-Resistant Head and Neck Cancer. *American Association of Oral & Maxillofacial Surgeons Annual Meeting*, Chicago, Illinois (October 8-13, 2018). **(Winner, oral abstract session)**.

30. Kasper FK*, Piotrowski SL, Dharmaraj N, Clark A, Taylor R, Bankson J, Hill LR, Lai SY, **Young S**: Development of a Compromised Maxillofacial Wound Healing Model for Bone Tissue Engineering. *TERMIS World Congress*, Kyoto, Japan (September 4-7, 2018).

31. Melville JC*, Tran H, Carrier MS, **Young S**, Shum JW, Hanna I, Wong ME: Efficacy of Stem-Cell Biotechnology for Reconstruction of Large Mandibular Continuity Defects. *International Association for Dental Research Annual Meeting*, London, United Kingdom (July 25-28, 2018).

32. Menegotto K*, Hanna IA, Shum JW, **Young S**, Wong ME, and Melville JC: The Efficacy of Stem Cell Biotechnology for Reconstruction of Mandibular Continuity Defects: A Retrospective Study of 24 Patients Over a 3-year Period, *Combined Annual Meeting of the Southwest Society of Oral & Maxillofacial Surgeons and Texas Society of Oral & Maxillofacial Surgeons*, Carmel, California (April 20, 2018).

33. Couey M*, Dharmaraj N, Piotrowski SL, Golfman LS, Koshy ST, Li WA, Mooney DJ, Sikora AG, **Young S**: Robust Anti-Tumor Immunity Induced by Ectopic Expression of Viral Antigen is Transient and Limited by Immune Escape. *UTHealth House Staff Research Day*, Houston, Texas (April 9, 2018). **(Winner, poster session)**.

34. Dharmaraj, N*, Leach DG, Piotrowski SL, Sikora AG, Hartgerink JD, **Young S**: STINGel Immunotherapy in MOC2-E6E7, a Murine Orthotopic Model of HNSCC. *J Dent Res*, 97 (Spec Iss A):0722, 2018.
35. Melville JC, Johnson J, Jaul D*, Shum JW, **Young S**, Hanna I, Wong ME: Efficacy of Stem-Cell Biotechnology for Reconstruction of Mandibular Continuity Defects. *J Dent Res*, 97 (Spec Iss A):1388, 2018.
36. Piotrowski SL*, Dharmaraj N, Clark A, Taylor R, Bankson J, Hill LR, Lai SY, Kasper FK, **Young S**: Development of a Novel Pre-Clinical Model of Compromised Oral Wound Healing. *J Dent Res*, 97 (Spec Iss A):1510, 2018.
37. Manon VA*, Gilbert HD, **Young S**, Young JS: Evaluation of the Success Rates of Immediately Placed Implants: A 5 Year Retrospective Pilot Study at UTSD Houston. *American Dental Education Association Annual Meeting*, Orlando, Florida (March 17-20, 2018).
38. Dharmaraj N*, Piotrowski SL, Golfman LS, Koshy ST, Li WA, Mooney DJ, Sikora AG, **Young S**: Robust Anti-Tumor Immunity Induced by Ectopic Expression of Viral Antigen is Transient and Limited by Immune Escape. *Innovations in Cancer Prevention and Research Conference Annual Meeting*, Austin, Texas (November 13-14, 2017).
39. **Young S***, Dharmaraj N, Piotrowski S, Koshy ST, Li WA, Mooney DJ, Sikora AG: Overcoming Resistance to Checkpoint Inhibitors through a Rationally-Designed Combinatorial Immunotherapy Approach. *J Oral Maxillofac Surg*, 75(10 Suppl): e331-e332, 2017.
40. Wilson LA*, Miller JJ, Work RK, Piotrowski SL, **Young S**, Lai SY, Lockworth CR, Hill LR: Novel Diet Regimen for Lagomorphs in a Compromised Oral Wound Healing Study. *American Association for Laboratory Animal Science Annual Meeting*, Austin, Texas (October 15-19, 2017).
41. Cai A, Golfman L, Dharmaraj N, **Young S***: Characterization of MOC-2-E6E7, A Novel Preclinical Model of HPV-Associated HNSCC. *J Dent Res*, 96 (Spec Iss A):1770, 2017.
42. Melville JC*, Shum JW, Hanna IA, **Young S**, Wong ME: The Role of Stem Cells in Mandibular Reconstruction. *J Dent Res*, 96 (Spec Iss A):1739, 2017.
43. Melville JC, Nasser NN*, Hanna I, Demian NM, **Young S**, Wong ME, Shum JW: Immediate Trans-Oral Tissue Engineered Allogeneic Bone Grafting for Large Continuity Defects. Less Morbidity, More Bone. A Paradigm in Benign Tumor Mandibular Reconstruction? *J Oral Maxillofac Surg*, 74(9 Suppl):e84, 2016.

44. Johnson JM, Bishop R, Maida BD*, Carrier MS, **Young S**, Shum JW, Hanna I, Wong ME, Melville JC: The Use of a Custom-Made Ethylene Vinyl Acetate Interim Obturator for Sub-Total and Total Maxillectomies: A Report of 4 Cases. *J Oral Maxillofac Surg*, 74(9 Suppl):e83, 2016.
45. **Young S***, Koshy ST, Li WA, Golfman L, Melville JC, Shum JW, Sikora AG, Wong ME, Mooney DJ: Development of Mesoporous Silica Rod-Based Immunotherapies for Head and Neck Squamous Cell Carcinoma. *J Oral Maxillofac Surg*, 74(9 Suppl):e5, 2016.
46. Couey M* and **Young S**: Immunotherapy in the Treatment of Oral Cancer, *Combined Annual Meeting of the Southwest Society of Oral & Maxillofacial Surgeons, Texas Society of Oral & Maxillofacial Surgeons, and Midwestern Chapter of Oral & Maxillofacial Surgeons*, Grapevine, Texas (April 15, 2016).
47. Shum S, Dyalram D, **Young S*** and Melville J: Integrate Hospital Clinics into Clinical Curricula: Capitalize on the Experience! *American Dental Education Association Annual Meeting*, Denver, Colorado (March 12-15, 2016).
48. Gu, L*, Chaudhuri O, Darnell M, **Young S**, Klumpers D, Weaver JC, Bencherif SA, Huebsch N, and Mooney DJ: Regulating Stem Cell Fate Using Hydrogels with Tunable Stress Relaxation. *Annual Meeting of the Biomedical Engineering Society*, Tampa, Florida. (October 7-10, 2015).
49. Spicer PP*, Shi M, Kretlow JD, **Young S**, Demian N, Jansen JA, Wong ME, Kasper FK, and Mikos AG: Antibiotic-Releasing Porous Poly(methyl methacrylate) Space Maintainers for Soft Tissue Healing and Infection Control. *Bioactive Materials: Regenerative Medicine Technologies Session, 38th Meeting of the Controlled Release Society*, National Harbor, Maryland. (July 30-August 3, 2011).
50. Spicer PP, Shi M*, Kretlow JD, **Young S**, Demian N, Jansen JA, Wong ME, Kasper FK, and Mikos AG: Antibiotic-Releasing Porous Poly(methyl methacrylate) Space Maintainers for Craniofacial Tissue Engineering. *Aegean Conferences: 4th International Conference on Tissue Engineering*, Chania, Crete, Greece. (May 31- June 5, 2011).
51. Spicer PP*, Henslee AM, Kretlow JD, Shi M, **Young S**, Demian N, Wong ME, Kasper FK, and Mikos AG: *In Situ* Formation of Porous Poly(methyl methacrylate) Scaffolds for Space Maintenance of Craniofacial Bone Defects. *2011 Armed Forces Institute of Regenerative Medicine "All Hands" Meeting*, St. Pete Beach, Florida. (January 17-20, 2011).

52. Spicer PP, Kretlow JD*, Henslee AM, Shi M, **Young S**, Demian N, Jansen JA, Wong ME, Kasper FK, and Mikos AG: *In Situ* Formation of Porous Poly(methyl methacrylate) Space Maintainers for Craniofacial Complex Regeneration. *Tissue Engineering and Regenerative Medicine International Society (TERMIS) North American Annual Conference*, Orlando, Florida. (December 5-8, 2010).
53. Shi M*, Kretlow JD, **Young S**, Wong ME, Kasper FK, and Mikos AG: Gelatin Microparticle-Incorporating Poly(methyl methacrylate) Constructs for Craniofacial Tissue Engineering. *The Society for Biomaterials Annual Meeting*, Seattle, Washington. (April 21-24, 2010).
54. Shi M*, Kretlow JD, **Young S**, Wong ME, Kasper FK, and Mikos AG: Antibiotic-releasing Porous Poly(methyl methacrylate) Constructs for Osseous Space Maintenance and Infection Control. *2010 Armed Forces Institute of Regenerative Medicine "All Hands" Meeting*, St. Pete Beach, Florida. (January 11-14, 2010).
55. Kretlow JD*, Shi M, **Young S**, Spicer PP, Damien N, Jansen JA, Wong ME, Kasper FK, and Mikos AG: Porous Poly(methyl methacrylate) Space Maintainers Promote Soft Tissue Coverage of Clean/Contaminated Alveolar Bone Defects. *2010 Armed Forces Institute of Regenerative Medicine "All Hands" Meeting*, St. Pete Beach, Florida. (January 11-14, 2010).
56. Spicer PP*, Kretlow JD, Shi M, **Young S**, Wong ME, Kasper FK, and Mikos AG: *In Situ* Formation of Porous Poly(methyl methacrylate) Scaffolds for Space Maintenance of Craniofacial Bone Defects. *2010 Armed Forces Institute of Regenerative Medicine "All Hands" Meeting*, St. Pete Beach, Florida. (January 11-14, 2010).
57. Shi M*, Kretlow JD, **Young S**, Kasper FK, Wong ME, and Mikos AG: Antibiotic-releasing Porous Poly(methyl methacrylate) Scaffolds for Osseous Space Maintenance and Infection Control. *2nd World Congress of the Tissue Engineering and Regenerative Medicine International Society (TERMIS)*, Seoul, Korea. (August 31-September 3, 2009).
58. Kretlow JD*, Shi M, **Young S**, Kasper FK, Wong ME, and Mikos AG: Porous Poly(methyl methacrylate) Implants for Osseous Space Maintenance and Promotion of Soft Tissue Healing around Craniofacial Bone Defects. *2nd World Congress of the Tissue Engineering and Regenerative Medicine International Society (TERMIS)*, Seoul, Korea. (August 31-September 3, 2009).
59. Shi M*, Kretlow JD, **Young S**, Kasper FK, Wong ME, and Mikos AG: Porous Poly(methyl methacrylate) Implants for Osseous Space Maintenance Following Craniofacial Injury. *2009 Armed Forces Institute of Regenerative Medicine "All Hands" Meeting*, St. Pete Beach, Florida. (January 13-16, 2009).

60. **Young S***, Mikos AG, Wong ME: Controlled Release Technology for Bone Regeneration Applications. *Southwest Society of Oral & Maxillofacial Surgeons Annual Meeting*, Houston, Texas (April 25, 2008).
61. Azhar D*, **Young S**, Mikos A, Wong M: Characterization and Optimization of PPF/NVP Scaffolds. *J Dent Res* 87(Spec Iss A):0163, 2008.
62. **Young S***, Nguyen C, Kretlow JD, Mikos AG, Wong M: Poly(Propylene Fumarate) Scaffolds with Surface Porosity for Space Maintenance of Mandibular Defects. *J Oral Maxillofac Surg* 65: 36.e1, 2007. (**Winner, oral abstract session**).
63. Nguyen C*, **Young S**, Kretlow JD, Wong M, Mikos AG: Soft Tissue Response to Implantation of Hybrid Poly(Propylene Fumarate) Scaffolds in a Critical Size Mandibular Defect. *J Oral Maxillofac Surg* 65: 43.e66-67, 2007.
64. **Young S***, Mikos AG, Wong ME: Controlled Release Technology for Bone Regeneration. *Southwest Society of Oral & Maxillofacial Surgeons Annual Meeting*, Las Vegas, Nevada (April 08, 2005).
65. **Young S***, Fisher J, Lalani Z, Mikos AG, Wong ME: Material Properties of Importance to Bone Regeneration. *Southwest Society of Oral & Maxillofacial Surgeons Annual Meeting*, San Diego, California (April 16, 2004).

Peer Reviewed/Refereed Original Articles in Journals:

(* = Co-senior author)

1. Manon V, Oda N, Boudreaux E, Tran H, **Young S**, Melville JC: Implant Survival in Tissue-engineered Mandibular Reconstruction - Early Experiences. *Craniomaxillofac Trauma Reconstr*, in press. DOI: 10.1177/19433875221116962
2. Manon V, Balandran S, **Young S**, Wong M, Melville JC: COVID-Associated Avascular Necrosis of the Maxilla – A Rare, New Side Effect of COVID-19. *J Oral Maxillofac Surg*, 80(7):1254-1259, 2022.
3. Hogan K, Smoak M, Koons G, Perez M, Bedell M, Jiang E, **Young S**, Mikos AG: Bioinspired electrospun decellularized extracellular matrix scaffolds promote muscle regeneration in a rat skeletal muscle defect model. *J Biomed Mater Res A*, 110(5):1090-1100, 2022.
4. Manon V, Chubb D, Farach LS, Farach-Carson M, Karam R, Vigneswaran N, Saluja K, **Young S**, Wong M, Melville JC: Massive macroglossia, a rare side effect of COVID-19: Clinical, histologic and genomic findings in COVID-19-positive versus -negative patients. *Oral Maxillofac Surg*, in press. DOI: 10.1007/s10006-021-0131-0

5. Awad K, **Young S**, Aswath P, Varanasi V: Interfacial Adhesion and Surface Bioactivity of Anodized Titanium Modified with SiON and SiONP Surface Coatings. *Surf Interfaces*, 28:101645, 2022.
6. Kaminagakura E, Tango RN, Cruz-Perez D, Bonan R, Yamamoto de Almeida L, Lanca ML, Bonan P, Martins H, Takahama A, Ito FA, Coutinho-Camillo C, Lourenco S, Caneppele T, Sikora AG, Kowalski LP, **Young S**: Oral Squamous Cell Carcinoma Outcome in Adolescent/Young Adult: Systematic Review and Meta-Analysis. *Head Neck*, 44(2):548-561, 2022.
7. Viet CT, Zhang X, Xu K, Yu G, Asam K, Thomas CM, Callahan NF, Doan C, Walker PC, Nguyen K, Kidd SC, Lee SC, Grandhi A, Allen CT, **Young S**, Melville JC, Shum JW, Viet DT, Herford AS, Roden DF, Gonzalez ML, Zhong JF, Aouizerat BE: Brush Swab as a Noninvasive Surrogate for Tissue Biopsies in Epigenomic Profiling of Oral Cancer. *Biomark Res*, 9(1):90, 2021.
8. Asghar S, **Young S**, Ansari A, Chapple A, Callahan N, Melville J, Kim R, Boehm A, Zaid W: The Incidence of COVID-19 Patients in Oral and Maxillofacial Surgery. *J Oral Maxillofac Surg*, S0278-2391(21)01126-5, 2021.
9. Shi Y, Xie T, Leach DG, Wang B, **Young S**, Osman AA, Sikora AG, Ren X, Hartgerink JD, Myers JN, Rangel R: Local Anti-PD1 Delivery Prevents Progression of Premalignant Lesions in a 4NQO-Oral Carcinogenesis Mouse Model. *Cancer Prev Res (Phila)*, 14(8):767-778, 2021.
10. Saenthaveesuk P, Yang L, Zeng B, Xu M, **Young S**, Liao G, Liang Y: Development and Validation of Multiparametric MRI-based Nomogram for Predicting Occult Metastasis Risk in Early Tongue Squamous Cell Carcinoma. *BMC Cancer*, 21(1):408, 2021.
11. Munoz N, Williams M, Dixon K, Dupuis C, McWatters A, Avritscher R, Manrique SZ, McHugh K, Murthy R, Tam A, Naing A, Patel SP, Leach D, Hartgerink JD, **Young S**, Prakash P, Hwu P, Sheth RA: Influence of Injection Technique, Drug Formulation and Tumor Microenvironment on Intratumoral Immunotherapy Delivery and Efficacy. *J Immunother Cancer*, 9(2):e001800, 2021.
12. Leach DG, Dharmaraj N, Lopez-Silva T, Rodriguez Venzor J, Pogostin B, Sikora AG, Hartgerink JD*, **Young S***: Biomaterial-facilitated Immunotherapy for Established Oral Cancers. *ACS Biomater Sci Eng*, 7(2):415-421, 2021.
13. do Monte FA, Ahuja N, Awad K, Pan Z, **Young S**, Kim HKW, Aswath P, Brotto M, Varanasi VG: Silicon Oxynitrophosphide Nanoscale-Coating Enhances Antioxidant Marker -Induced Angiogenesis During In Vivo Cranial Bone Defect Healing. *JBMR Plus*, 5(4):e10425, 2021.

14. Zhang W, Saxena S, Fakhrzadeh A, Rudolph S, **Young S**, Kohn J, Yelick PC: Use of Human Dental Pulp and Endothelial Cell Seeded Tyrosine-Derived Polycarbonate Scaffolds for Robust In Vivo Alveolar Jaw Bone Regeneration. *Front Bioeng Biotechnol*, 8:796, 2020.
15. Piotrowski SL, Wilson L, Maldonado KL, Tailor R, Hill LR, Bankson JA, Lai S, Kasper FK, **Young S**: Effect of Radiation on DCE-MRI Pharmacokinetic Parameters in a Rabbit Model of Compromised Maxillofacial Wound Healing: A Pilot Study. *J Oral Maxillofac Surg*, 78(6):1034.e1-1034.e10, 2020.
16. Luo X, Donnelly CR, Gong W, Heath BR, Hao Y, Donnelly LA, Moghbeli T, Tan YS, Lin X, Bellile E, Kansy BA, Carey TE, Brenner JC, Cheng L, Polverini PJ, Morgan MA, Wen H, Prince ME, Ferris RL, Xie Y, **Young S**, Wolf GT, Chen Q, Lei YL: HPV16 Drives Cancer Immune Escape via NLRX1-mediated Degradation of STING. *J Clin Invest*, 130(4):1635-1652, 2020.
17. Melville JC, Tran HQ, Bhatti AK, Manon V, **Young S**, Wong ME: Is Reconstruction of Large Mandibular Defects Using Bioengineering Materials Effective? *J Oral Maxillofac Surg*, 78(4):661.e1-661.e29, 2020.
18. Leach DG, Newton JM, Florez MA, Lopez-Silva TL, Jones AA, **Young S**, Sikora AG, Hartgerink JD: Drug-Mimicking Nanofibrous Peptide Hydrogel for Inhibition of Inducible Nitric Oxide Synthase. *ACS Biomater Sci Eng*, 5(12):6755-65, 2019.
19. Wehr C, Cruz G, **Young S**, Fakhouri WD: An Insight into Acute Pericoronitis and the Need for an Evidence-Based Standard of Care. *Dent J (Basel)*, 7(3): E88, 2019.
20. Newton JM, Hanoteau A, Liu HC, Gaspero A, Parikh F, Gartrell-Corrado RD, Hart TD, Laoui D, Van Ginderachter JA, Dharmaraj N, Spanos WC, Saenger Y, **Young S**, Sikora AG: Immune Microenvironment Modulation Unmasks Therapeutic Benefit of Radiotherapy and Checkpoint Inhibition. *J Immunother Cancer*, 7(1):216, 2019.
21. Piotrowski SL, Wilson L, Dharmaraj N, Hamze A, Clark A, Tailor R, Hill L, Lai S, Kasper FK, **Young S**: Development and Characterization of a Rabbit Model of Compromised Maxillofacial Wound Healing. *Tissue Eng Part C Methods*, 25(3):160-167, 2019.
22. Dharmaraj N, Piotrowski SL, Huang C, Newton JM, Golfman LS, Hanoteau A, Koshy ST, Li WA, Pulikkathara MX, Zhang B, Burks JK, Mooney DJ, Lei YL, Sikora AG, **Young S**: Anti-Tumor Immunity Induced by Ectopic Expression of Viral Antigens is Transient and Limited by Immune Escape. *Oncoimmunology*, 8(4):e1568809, 2019.

23. Tan YS, Sansanaphongpricha K, Xie Y, Donnelly CR, Luo X, Heath BR, Zhao X, Bellile E, Hu H, Chen H, Polverini PJ, Chen Q, **Young S**, Carey TE, Nör JE, Ferris RL, Wolf GT, Sun D, Lei YL: Mitigating SOX2-Potentiated Immune Escape of Head and Neck Squamous Cell Carcinoma with a STING-Inducing Nanosatellite Vaccine. *Clin Cancer Res*, 24(17):4242-4255, 2018.
24. Leach DG, Dharmaraj N, Piotrowski SL, Lopez-Silva TL, Lei YL, Sikora AG, **Young S***, Hartgerink JD*: STINGel: Controlled Release of a Cyclic Dinucleotide for Enhanced Cancer Immunotherapy. *Biomaterials*, 163:67-75, 2018.
25. Wilson LA, Miller JJ, Work RK, Piotrowski SL, Kasper FK, **Young S**, Lai SY, Lockworth CR, Hill LR: Novel Diet Regimen for Lagomorphs in a Compromised Oral Wound Healing Study. *Lab Animal Sci Prof*, Mar: 49-51, 2018.
26. Darnell M, **Young S**, Gu L, Shah N, Lippens E, Weaver J, Duda G, Mooney D: Substrate Stress-Relaxation Regulates Scaffold Remodeling and Bone Formation in Vivo. *Adv Healthc Mater*, 6(1):1601185, 2017.
27. Shah SR, **Young S**, Goldman JL, Jansen JA, Wong ME, Mikos AG: A Composite Critical Size Rabbit Mandibular Defect for Evaluation of Craniofacial Tissue Regeneration. *Nat Protoc*, 11(10):1989-2009, 2016.
28. Melville JC, Hornberger JC, **Young S**, Shum JW: Reconstruction of Temporal Hollowing Defect with Anterior-Lateral Thigh Free Flap Following Resection of Recurrent Ameloblastoma of the Infratemporal Fossa and Right Mandible (A Case Report). *J Oral Maxillofac Surg*, 74(9):1898.e1-9, 2016.
29. Melville JC, Tursun R, Shum JW, **Young S**, Hanna IA, Marx RE: A Technique for the Treatment of Oral-Antral Fistulae Resulting from Medication-Related Osteonecrosis of the Maxilla: The Combined Buccal Fat Pad Flap and Radical Sinusotomy. *Oral Surg Oral Med Oral Pathol Oral Radiol*, 122(3):287-91, 2016.
30. Kinard LA, Dahlin RL, Henslee AM, Spicer PP, Chu CY, Tabata Y, van den Beucken JJJP, Jansen JA, **Young S**, Wong ME, Kasper FK, Mikos AG: Tissue Response to Composite Hydrogels for Vertical Bone Augmentation in the Rat. *J Biomed Mater Res A*, 102(7):2079-88, 2014.
31. Spicer PP, Kretlow JD, **Young S**, Jansen JA, Kasper FK, Mikos AG: Evaluation of Bone Regeneration using the Rat Critical Size Calvarial Defect. *Nat Protoc*, 7(10):1918-29, 2012.
32. Spicer PP, Kretlow JD, Henslee AM, Shi M, **Young S**, Demian N, Jansen JA, Wong ME, Mikos AG, Kasper FK: *In Situ* Formation of Porous Space Maintainers in a Composite Tissue Defect. *J Biomed Mater Res A*, 100(4):827-33, 2012.

33. Nguyen C, **Young S**, Kretlow JD, Mikos AG, Wong M: Surface Characteristics of Biomaterials Used for Space Maintenance in a Mandibular Defect: a Pilot Animal Study. *J Oral Maxillofac Surg*, 69(1):11-18, 2011.
34. Kretlow JD, Shi M, **Young S**, Spicer PP, Demian N, Jansen JA, Wong ME, Kasper FK, Mikos AG: Evaluation of Soft Tissue Coverage over Porous Poly(Methyl Methacrylate) Space Maintainers within Non-Healing Alveolar Bone Defects. *Tissue Eng. Part C: Methods*, 16(6):1427-38, 2010.
35. Shi M, Kretlow JD, Nguyen A, **Young S**, Baggett LS, Wong ME, Kasper FK, Mikos AG: Antibiotic-releasing Porous Poly(methyl methacrylate) Constructs for Osseous Space Maintenance and Infection Control. *Biomaterials*, 31(14):4146-4156, 2010.
36. Guo X, Park H, **Young S**, Kretlow JD, Van den Beucken JJ, Baggett LS, Tabata Y, Kasper FK, Mikos AG, Jansen JA: Repair of Osteochondral Defects with Biodegradable Hydrogel Composites Encapsulating Marrow Mesenchymal Stem Cells in a Rabbit Model. *Acta Biomater*, 6(1):39-47, 2010.
37. **Young S**, Patel ZS, Kretlow JD, Murphy MB, Mountziaris PM, Baggett LS, Ueda H, Tabata Y, Jansen JA, Wong M, Mikos AG: Dose Effect of Dual Delivery of Vascular Endothelial Growth Factor and Bone Morphogenetic Protein-2 on Bone Regeneration in a Rat Critical Size Defect Model. *Tissue Eng A*, 15(9):2347-62, 2009.
38. Kretlow JD, **Young S**, Klouda L, Wong M, Mikos AG: Injectable Biomaterials for Regenerating Complex Craniofacial Tissues. *Adv Mater*, 21(32-33):3368-3393, 2009.
39. **Young S**, Kretlow JD, Nguyen C, Bashoura AG, Baggett LS, Jansen JA, Wong M, Mikos AG: Microcomputed Tomography Characterization of Neovascularization in Bone Tissue Engineering Applications. *Tissue Eng B: Reviews*, 14(3): 295-306, 2008.
40. Patel ZS, **Young S**, Tabata Y, Jansen JA, Wong M, Mikos AG: Dual Delivery of an Angiogenic and Osteogenic Growth Factor for Bone Regeneration in a Critical Size Defect. *Bone* 43(5):931-940, 2008.
41. **Young S**, Bashoura AG, Borden T, Baggett LS, Jansen JA, Wong M, Mikos AG: Development and Characterization of a Rabbit Alveolar Bone Non-Healing Defect Model. *J Biomed Mater Res A* 86A(1): 182-194, 2008.
42. Hacker M, Ringhofer M, Appel B, Neubauer M, Vogel T, **Young S**, Mikos AG, Blunk T, Göpferich A, Schulz MB: Solid Lipid Templating of Macroporous Tissue Engineering Scaffolds. *Biomaterials* 28(24): 3497-3507, 2007.

43. Ashcroft JM, Hartman KB, Kissell KR, Mackeyev T, Pheasant S, **Young S**, Van der Heide PAW, Mikos AG, Wilson LJ: Single-molecule I₂@US-tube Nanocapsules: A New X-ray Contrast-Agent Design. *Adv Mater* 19(4): 573-576, 2007.

44. Kasper FK, **Young S**, Tanahashi K, Barry MA, Tabata Y, Jansen JA, Mikos AG: Evaluation of Bone Regeneration by DNA Release from Composites of Oligo(poly(ethylene glycol)fumarate) and Cationized Gelatin Microspheres in a Critical-sized Calvarial Defect. *J Biomed Mater Res A* 78(2): 335-342, 2006.

45. **Young S**, Wong M, Tabata Y, Mikos AG: Gelatin as a Delivery Vehicle for the Controlled Release of Bioactive Molecules. *J Control Release* 109(1-3): 256-274, 2005.

Invited Articles (Reviews, Editorials, etc.) in Journals:

1. Shen C, Witek L, Flores R, Tovar N, Torroni A, Coelho PG, Kasper FK, Wong M, **Young S**: 3D Printing for Craniofacial Bone Tissue Engineering. *Tissue Eng Part A*, 26(23-24):1303-1311, 2020.

2. Barrows CML, Wu D, Farach-Carson MC, **Young S**: Building a Functional Salivary Gland for Cell-Based Therapy: More than Secretory Epithelial Acini. *Tissue Eng Part A*, 26(23-24):1332-1348, 2020.

3. Melville JC, Manon V, Blackburn C, **Young S**: Current Methods of Maxillofacial Tissue Engineering. *Oral Maxillofac Surg Clin North Am*, 31(4):579-591, 2019.

4. Leach DG, **Young S**, Hartgerink JD: Advances in Immunotherapy Delivery from Implantable and Injectable Biomaterials. *Acta Biomater*, 88:15-31, 2019.

5. Lopez C, Witek L, Torroni A, Flores RL, Demissie DB, **Young S**, Cronstein BN, Coelho PG: The Role of 3D-Printing in Treating Craniomaxillofacial Congenital Anomalies. *Birth Defects Res*, 110(13):1055-64, 2018.

6. Kasper FK, Melville J, Shum J, Wong M, **Young S**: Tissue Engineered Prevascularized Bone and Soft Tissue Flaps. *Oral Maxillofac Surg Clin North Am*, 29(1):63-73, 2017.

Chapters:

1. Tran HQ, Manon VA, **Young S**, Melville JC: Lasers and Nonsurgical Modalities. *In Management of Head and Neck Vascular Lesions*. (ed. Nair SC and Chandra SR). Singapore: Springer Singapore, 2022: 171-182.

2. Witek L, Nayak VV, Runyan CM, Tovar N, Elhage S, Melville JC, **Young S**, Kim D, Cronstein BN, Flores RL, Coelho PG: Tissue Engineering Strategies for Craniomaxillofacial Surgery: Current Trends in 3D-Printed Bioceramic Scaffolds. *In Innovative Bioceramics in Translational Medicine II: Springer Series in Biomaterials Science and Engineering, Volume 18.* (ed. Choi AH and Ben-Nissan B). Singapore: Springer Singapore, 2022: 55-74.
3. **Young S**, Kasper FK, Melville JC, Donahue R, Athanasiou KA, Mikos AG, Wong M: Tissue Engineering in Oral and Maxillofacial Surgery. *In Principles of Tissue Engineering, 5th edition.* (ed. Lanza R, Langer R, Vacanti JP, and Atala A). London, United Kingdom: Academic Press, 2020: 1201-1216.
4. Couey MA, Leidner RS, **Young S**, Bell RB: Immunotherapy in Oral Cancer: A Fourth Dimension of Cancer Treatment. *In Improving Outcomes in Oral Cancer: A Clinical and Translational Update, Volume 1.* (ed. Kademani, D). Cham, Switzerland: Springer International Publishing, 2020: 129-154.
5. Witek L, Colon RR, Wang M, Torroni A, **Young S**, Melville JC, Lopez C, Flores R, Cronstein BN, Coelho PG: Tissue Engineered Alloplastic Scaffolds for Reconstruction of Alveolar Defects. *In Handbook of Tissue Engineering Scaffolds, Volume 1.* (ed. Mozafari M, Sefat F, and Atala A). Cambridge: Elsevier, 2019: 505-517.
6. Tran H, Melville J, Shum J, Kasper FK, Wong M, **Young S**: The Future of Bioengineering for Head and Neck Reconstruction: The Customized Free Flap. *In Regenerative Strategies for Maxillary and Mandibular Reconstruction: A Practical Guide, 1st edition.* (ed. Melville JC, Shum JW, **Young S**, and Wong ME). Cham, Switzerland: Springer International Publishing, 2019: 269-278.
7. Newton JM, Sikora AG, **Young S**: Materials-Based Cancer Immunotherapies. *In Principles of Regenerative Medicine, 3rd edition.* (ed. Atala A, Lanza R, Nerem R, and Mikos AG). Cambridge: Elsevier, 2018: 715-739.
8. **Young S**, Kasper FK, Melville J, Shum J, Mikos AG, Wong M: Novel Regenerative Medicine Strategies for Maxillofacial Reconstruction. *In The Luckiest Man: A Festschrift in Honor of Robert E. Marx, DDS.* (ed. Carlson ER, McDonald JJ Jr, and Nicolaievsky E). Chicago: Quintessence, 2016:11-19.
9. Smith BT, Shum J, Wong M, Mikos AG, **Young S**: Bone Tissue Engineering Challenges in Oral & Maxillofacial Surgery. *In Advances in Experimental Medicine and Biology, Vol. 881.* (ed. Bertassoni L and Coelho P). Springer International Publishing, 2015:57-78.

10. Spicer P, **Young S**, Kasper FK, Athanasiou KA, Mikos AG, Wong M: Tissue Engineering in Oral and Maxillofacial Surgery. *In Principles of Tissue Engineering*, 4th edition. (ed. Lanza R, Langer R, and Vacanti JP). Academic Press, San Diego, USA, 2013:1487-1506.

Books:

1. Regenerative Strategies for Maxillary and Mandibular Reconstruction: A Practical Guide, 1st edition. (ed. Melville JC, Shum JW, **Young S**, and Wong ME). Cham, Switzerland: Springer International Publishing, 2019.

Patents:

Mooney DJ, Gu L, Chaudhuri O, Huebsch N, **Young S**, Darnell M. Viscoelastic hydrogels with fast relaxation. US Patent # 11,065,362 B2 (7/20/21).

Hartgerink JD, Sikora AG, Leach DG, Newton JM, **Young S**. Synthetic Multidomain Peptide Biomaterials that Inhibit Inducible Nitric Oxide Synthase. US Patent Application # 62/950,718 (filed December 19, 2019). *Pending*.

Hite N, Ma J, Elwany A, Karaman I, **Young S**. Patient-specific 3D Printed Expandable Dental Implants. US Patent Application # 62/639,329 (filed March 2018). *Pending*.

Young S, Leach D, and Hartgerink JD. Hydrogel delivery of STING immunotherapy for treatment of cancer. US Patent Application # 62/520,834 (filed June 2017). *Pending*.

Mikos AG, Wong, ME, **Young SW**, Kretlow JD, Shi M, Kasper FK, Spicer PP. Combined space maintenance and bone regeneration system for the reconstruction of large osseous defects. US Patent # 9,532,875 B2 (1/3/17).

Contact Information:

Bernard and Gloria Pepper Katz Department of Oral and Maxillofacial Surgery
The University of Texas Health Science Center at Houston, School of Dentistry
7500 Cambridge St., Suite 6510
Houston, Texas 77054
Tel: 713-486-2568
Fax: 713-486-4333
E-mail: simon.young@uth.tmc.edu
Mobile: 832-330-3135