

Cortino Sukotjo, DDS, Ph.D., MMSc

Personal Information

UIC College of Dentistry
Department of Restorative Dentistry
801 S. Paulina Street
Chicago, IL 60612
312-355-0360
csukotjo@uic.edu
h index: 32 (google scholar, 3/19/2021)
h index: 25 (scopus, 3/19/2021)

Education and Training

1994	Faculty of Dentistry, Padjadjaran University, Indonesia	D.D.S
2002	UCLA School of Dentistry, Los Angeles, CA	Ph.D.
2005	Harvard School of Dental Medicine, Boston, MA	M.M.Sc.
2005	Harvard School of Dental Medicine, Boston, MA	Certificate in Prosthodontics

Academic Appointments

2002-2005	Postdoctoral Fellow in Prosthodontic, Harvard School of Dental Medicine
2005-July 2008	Instructor, Department of Restorative Dentistry, Harvard School of Dental Medicine
August 2008-2010	Clinical Assistant Professor, Restorative Dentistry, College of Dentistry, University of Illinois at Chicago
August 2010-	Assistant Professor, Restorative Dentistry, College of Dentistry, University of Illinois at Chicago
September 2012-	Adjunct Associate Professor, Department of Mechanical Engineering, Michigan Technological University
August 2015	Associate Professor, Tenured, Department of Restorative Dentistry, College of Dentistry, University of Illinois at Chicago
August 2015-	Adjunct Associate Professor, Department of Biomedical Engineering, University of Illinois at Chicago

Specialty Board Certification

2015	Diplomate of the American Board of Prosthodontics
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Current Licensure

Dental Licensure in Indonesia
Illinois State

Clinical Experience

1994-1997	Private Practice: Jakarta Indonesia.
2002-2005	Prosthodontic resident, Harvard School of Dental Medicine
2002-2005	Part time clinical teaching assistant at Harvard School of Dental Medicine. Responsibility: supervise clinical dentistry for predoctoral student 3 hours/week and facilitator for Problem Based Learning group discussion.
2005-2008	Full time clinical instructor, Harvard School of Dental Medicine. Responsibility: teach clinic and preclinical laboratory for predoctoral dental student, 2 days/week.
2008-	Full time clinical faculty, UIC, College of Dentistry. Responsibility: supervise predoctoral implant clinic: 2 days/week and Small Group Learning facilitator: 1 day/week.

- 2019- Advanced Predoctoral Implant Program Director, UIC, College of Dentistry.
Responsibility:
- 2020- Predoctoral Implant Program Director, UIC, College of Dentistry.
Responsibility: teach and organize predoctoral implant lecture/preclinical exercises: 1 day/week in Spring semester (A2 and D2 student, total 120 students) and supervise predoctoral implant clinic: 2 days/week (A3, D3, A4 and D4 students, total 250 students)

Scientific and Professional Society Memberships – Service to the Institution and Profession

- 1997-present International Association of Dental Research
- 2002-present American College of Prosthodontics (ACP)
- 2002-present Academy of Osseointegration
- 2002-present American Dental Education Association
- 2015-present Academy of Prosthodontics

Committee Services – Service to the Institution and Profession

- 2002-present Officer, Education & Research Division, American College of Prosthodontics
- 2010-present Chair, Department of Restorative Dentistry Mentoring Committee for Faculty and Graduate Students. This Department Committee is responsible for the mentoring of junior faculty in the Department, ensuring that they are engaged in scholarly activities, including research and peer-reviewed publishing. This presently includes 6 faculty members in the Department. The Committee is also responsible for coordinating the Master of Oral Science research for students in enrolled in the MS Graduate Degree Program. This presently includes 18 students in Prosthodontics, and 3 students in Endodontics Department. In addition, I also supervise 1 Ph.D and 1 Master’s student from Bioengineering Department, UIC; 1 Ph.D student from Michigan Technological University and 1 Ph.D and 1 Masters student from Brazil.
- 2010-2012 Secretary/Treasurer for IADR/AADR Prosthodontic Research Group
The secretary/Treasurer is responsible for communicating with the central office, organizing the meeting, contacting the member, creating a yearly report (newsletter editor) to the members.
- 2012-present American College of Prosthodontics, Science and New Technology Committee.
The charge for this committee is to monitor developing scientific advances for interest to the specialty and recognizes evolving technologies of significance; report findings to the Board of Director; provide recommendations to the BOD regarding science and technology developments considered interpretive or of potential value the clinical practice of prosthodontics; disseminate to the membership this information
- 2012-present ad-hoc reviewer for IADR/AAADR Dental Material Research Group
- 2012-present ad-hoc reviewer for IADR/AAADR Prosthodontic Research Group
- 2012-present Judges for IADR Prosthodontic Research Group: Frechette award

2013-present	ad-hoc reviewer for IADR Prosthodontic Research Group: Pre-prosthodontics regenerative science award
2013-present	ad-hoc reviewer for IADR Prosthodontic Research Group: Student Research Fellowship
2013	President Elect for IADR/AADR Prosthodontic Research Group
2013-present	American College of Prosthodontics, Research Committee The charge for this committee is to stimulate, promote and evaluate prosthodontics research determine areas where more research is needed; report its findings and make recommendations to the BOD; foster the application of Evidence Based Dentistry in College sponsored research and educational activities.
2013-2019	President of Institute of Biomaterials, Tribocorrosion and Nanomedicine (IBTN). http://uic.edu/labs/ibtn/ This institute mainly focused on the research and teaching related to development and characterization of the biomaterials for the clinical applications. The team consists of clinicians, material scientists and mechanical engineers from College of Dentistry-Restorative Dentistry and College of Engineering-Bioengineering at the University of Illinois at Chicago (UIC), Department of Mechanical Engineering at Michigan Technological University (MEEM-MTU), and Department of Orthopedics at Rush University Medical Center (RUMC).
2014	President for IADR/AADR Prosthodontic Research Group
2014	ADEA/William J. Gies Foundation Education Fellowship applicants reviewer
2014-present	ad-hoc reviewer for ADEA Annual Session & Exhibition session proposals
2014-2017	ADEA Policy Center Educational Research and Analysis Committee
2014-present	Director of Institute of Biomaterials, Tribocorrosion and Nanomedicine (IBTN) research laboratory at UIC, College of Dentistry.
2015	Fellow of the American College of Prosthodontics
2015	Associate Fellow of the Academy of Prosthodontics
9/25/2017-10/6/2017	Visiting Professor, Faculty of Dentistry, Brawijaya University, Indonesia
3/12/2018-present	Visiting Professor, Faculty of Dentistry, Airlangga University, Indonesia
2017-2018	Member of Mentoring Program, American College of Prosthodontics Annual Meeting
2018-present	Visiting Professor, Faculty of Dentistry, Padjadjaran University, Indonesia
6/22/2018-present	Mock Board examiner for Advanced Education in Prosthodontics at the State University of New York-Buffalo

8/12/2018-8/18/2018	Invited to participate in the event organized by the Ministry of Research, Technology and Higher Education, The Republic of Indonesia. I was one of the 58 Indonesian's Professor from around the globe that was invited to enhance the human resources of higher education institutions in Indonesia through various programs such as joint research, paper writing collaboration, faculty exchange, and joint supervision. Jakarta, Indonesia.
2018-2019	Members of Fellowship and Research and Education committee, the Academy of Prosthodontics
2019-present	Visiting Professor, Faculty of Dentistry, University of Indonesia, Indonesia
2019-present	Visiting Professor, Faculty of Dentistry, University of Hassanuddin, Indonesia
2019	Fellow of the Academy of Prosthodontics
8/19/2019-8/24/2019	Invited to participate in the event organized by the Ministry of Research, Technology and Higher Education, The Republic of Indonesia. I was one of the 57 Indonesian's Professor from around the globe that was invited to enhance the human resources of higher education institutions in Indonesia through various programs such as joint research, paper writing collaboration, faculty exchange, and joint supervision. Jakarta, Indonesia.
2020	Chair for Poster Presentation, Academy of Prosthodontic Annual Meeting, Omni Grove Park, Asheville, North Carolina (cancelled due to Covid-19)
2020-	National Prosthodontics Awareness Week (NPAW) committee member, The American College of Prosthodontics
2020-	Organizing committee for DRAIN: Dental Research and Academic International Network.
2020	Secretary, American Dental Education Association, Prosthodontic Section
2020-present	Predoctoral Education Committee member, The American College of Prosthodontics
2021	President-elect, American Dental Education Association, Prosthodontic Section
2021	Chair for Poster Presentation, Academy of Prosthodontic Annual Meeting, Online Meeting.
2021	Judges for Annual online ADEA meeting student poster presentation

Editorial Services – Service to the Institution and Profession

2005-2006	Co-reviewer with Dr. H.P. Weber, State of the Science on Implant Dentistry. Academy of Osseointegration
2008-2013	Section Editor for Journal of Prosthodontics The responsibility of the section editor is to perform initial screening of the submitted manuscript, distribute the manuscript to the reviewers, maintain the highest quality of the manuscript published and make final recommendation to the Editor in Chief.

2011-2014	Editorial Review Board for Journal of Dental Education The responsibility of the editorial review board for JDE is to review the manuscript and make recommendation to the Editor in Chief.
Ad-hoc Reviewer:	Acta Biomaterial, Journal of Biomedical Optics, Clinical Implant Dentistry and Related Research, Journal of Dental Research, Geriatric Dentistry, Journal of Biomedical and Material Research B, Langmuir, ACS Applied Material and Interfaces, Journal of Dental Education, Journal of Prosthodontics, Bioactive Materials.
2014-present	Editorial Board Review member for Journal of Bio and Tribo-corrosion
2020-present	Editorial Board Review member for Journal of Prosthetic Dentistry
2020-present	Editorial Board Review member for Dentistry Journal (MDPI), https://www.mdpi.com/journal/dentistry
2020-present	Guest Editor for special issue Dentistry Journal: "Advanced Research in Prosthodontics." https://www.mdpi.com/journal/dentistry/special_issues/advanced_research_in_prosthodontics
2021	Editorial Board Review member for Materials (MDPI), https://www.mdpi.com/journal/materials
2021	Editorial Board Review member for Education Sciences (MDPI), https://www.mdpi.com/journal/education/editors

College of Dentistry Committees

2010 – Present	Chair Mentoring Committee, Department of Restorative Dentistry, UIC, COD
2011	Representative from Department of Restorative Dentistry for Masters thesis committee task force UIC, COD.
2012-present	UIC-Graduate College Faculty (Associate Member)
2012-present	Faculty Search Committee, Department of Restorative Dentistry (member)
2011-13	UIC Faculty Dental Practice committee
2013-present	Judges for Clinical and Research Day at College of Dentistry
2014-2018	Wach Fund proposal reviewer
2014-present	Department Faculty Search Committee
2019-present	Promotion and Tenure Committee
2019-present	Director of Advanced Predoctoral Implant Program
2019-2020	Co-Director of Predoctoral Implant Program
2019-present	Co-Director of BIOE 494 – Intro to Dental Science/Research
2020-present	Director of Predoctoral Implant Program
2020-present	Digital Dentistry Implementations Committee
2020-present	Clinic Operations Committee
2020-present	UIC-COD Accreditation Committee
2020-present	New Faculty interview Committee
2020-present	Dental Material Committee
2020-present	Curriculum Committee
2020-present	Faculty supervisor for Pan-Asian Student Dental Association

Other College/University Committees/services

2020-present	Co-Director of BIOE-494: Introduction to Dental science/Research
April 1, 2020	Judges for The 2020 UIC Impact and Research Day (IRD)
April 10, 2020	Judges for The 3rd annual UIC Bioengineering Research Symposium (cancelled due to Covid-19 pandemic)
January, 2021	Participants (Non-voting members) for UIC Chancellor's Committee on the Status of Persons with Disabilities
Spring 2021	Facilitator for The Foundations of Interprofessional Collaborative Practice (FICP), University of Illinois at Chicago
April 16, 2021	Judges for The 3rd annual UIC Bioengineering Research Symposium
September 1, 2021	University Senate

Awards and Honors

1994	Graduate with Honor. First Rank. Padjadjaran University, Faculty of Dentistry, Indonesia
2000	Finalist of Arthur R. Frechette 2000 New Investigator Award, International Association of Dental Research [IADR, Washington DC 2000]
2001	Finalist of AADR Warner-Lambert Hatton Awards Competition, San Diego, California
2001	First Place Recognition in the Post-Doctoral Basic Science Category for Quality Geriatric Oral Research of Morita Junior Investigator Awards in Geriatric Oral Research, International Association of Dental Research [IADR, Chiba 2001]
2001	American College of Prosthodontist/Procter & Gamble Fellowship in Complete Denture Prosthodontics
2002	Straumman Fellowship. Harvard School of Dental Medicine. Boston, Massachusetts
2004	The Academy of Prosthodontics Foundation Research Award. This award is given annually to support resident in prosthodontics to enhance their research career.
2004	The Greater New York Academy of Prosthodontic Student Research Award. This award is given annually to support resident in prosthodontics to enhance their research.
2004	Tylman Research Grant, The American Academy of Fixed Prosthodontics. This award is given annually to support resident in prosthodontics to enhance their research.
2004	ITI Small Grant Application
2006	Milton Research Award, Harvard Medical School (Collaboration with Dr. Nadeem Karimbux, HSDM). This award was given annually to support selected junior faculty research at Harvard Medical School.
2006	Academy of Osseointegration, Research Award. This award was given annually to support junior researcher to enhance implant osseointegration.
2008	Osteology Foundation Research Award. Project title: Potential of a Novel Alginate- Hydrogel Scaffold as a Platelet Derived Growth Factor (PDGF) Delivery System for Hard Tissue Regeneration. This award was given yearly by Osteology Foundation to support young investigator with an innovative idea to enhance implant osseointegration.

- 2008 Osteology Foundation Research Award. Project title: Implant Nanofiber Composites Enriched in Bone Marrow-Derived Mesenchymal Stem Cells for Oral and Maxillofacial Rehabilitation.
- 2011 American College of Prosthodontists, Young Prosthodontist Innovator Award for the study entitled: *In-Vivo Study of Novel Superhydrophilic Implant Surfaces*. The goal of the award is to advance understanding of prosthodontic-related biological and/or materials systems, human behavior, cost and care of delivery as well as economic modeling and Quality of Life investigations. It was presented at the ACP's Annual Session in 2011.
- 2011 ADEA/Zimmer Dental Implant Education Award for UIC-COD Predoctoral Implant program. \$25,000 monetary award
The American Dental Education Association (ADEA) named the University of Illinois College of Dentistry's Dental Implant Educational Team as the recipient of this award in 2010. The award is given every two years and recognizes a dental institution and educator team that has demonstrated a commitment to excellence and innovation in the area of dental implant education. As core faculty of the predoctoral implant program at UIC, I assisted in completing the application for this award. The criteria used to select UIC as the winner for this award included:
- Demonstration of commitment to dental implant education;
 - Sustained development of educational programs;
 - Innovation in teaching methodology;
 - Successful outcomes of teaching efforts;
 - Service to the community; and
- Successful integration of educational programs into the established curriculum.
- 2013 Recipient of 2013 ADEA/William J. Gies Foundation Education Fellowship
The purpose of this prestigious fellowship is to support a unique learning experience in ADEA Central Office in Washington, DC. This fellowship is designed to familiarize dental educators with a broad range of timely educational issues facing dental education. This award is given only for one fellow per year at ADEA annual meeting.
- 2014 Council for Excellence in Teaching (CETL) Program University of Illinois Departmental Teaching Excellence Award (DTEA) for UIC—COD Predoctoral Implant Program.
The purpose of the award is to reward documented group excellence in teaching and to encourage UIC's investment in superior teaching at the departmental level. This Award is in recognition of documented commitment to excellent performance in teaching and carries a \$20,000 monetary award.
- 2014 Best Research Mentor of the year, UIC-College of Dentistry. This award was selected and sponsored by UIC-Predoectional Research Student Group. The award was presented to one mentor of the year at UIC-COD during the yearly UIC-COD Clinical and Research Day.
- 2015 Clinician/Researcher Award from American College of Prosthodontists
- 2019 Alumni of the year for Academic Achievement. Faculty of Dentistry, Padjadjaran University, Indonesia
- 2020 Teaching Recognition Program Award. University of Illinois at Chicago

Report of Teaching

Harvard School of Dental Medicine (2005-2008)

Predoctoral Courses-Director Level

- 2005- 2008 -Predoctoral Complete Denture Course
Director
35 dental students
100 hours/year
Organize course, prepare syllabi, lecture and evaluate students
-Lecture/laboratory course, introduction to fabrication of complete denture evaluation, diagnosis, planning and management of fully edentulous patients. This course covers clinical and laboratory concepts necessary for the management of a fully edentulous patient via plenary, clinical, and laboratory sessions. This course involves the fabrication of a set of dentures for 1 patient. Responsibilities included 8 lectures throughout the year and providing demonstration and supervising a group of 9-10 students on their laboratory projects and fabrication of maxillary and mandibular complete dentures for the assigned patient.
- 2004-2008 -Predoctoral Oral Comprehensive Exam
Examiner
35 dental students
10 hours/year
Write and present examination content, examine students

Predoctoral Courses-Clinical Teaching

- 2003-2005 -Comprehensive Care Clinic
Clinical Instructor
35 students (3rd Year dental students)
200 hours of clinic supervision/year
- 2005-present -Comprehensive Care Clinic
Clinical Instructor
70 students (3rd and 4th Year dental students)
400 hours of clinic supervision/year

Predoctoral Courses-Tutor

- 2003 -Development
Tutor
8 dental students
12 hours/year
Facilitate and evaluate the group process
- 2003 -Oral Microbiology and Immunology
Tutor
8 dental students
8 hours/year
- 2003-2004 -Oral Structure and Function
Tutor
8 dental students
12 hours/year
- 2004-2005 -Restorative Treatment
Tutor
8 dental students
30 hours/year

Predoctoral Courses-Lecture Level

- 2005-2008 -Restorative Treatment
Lecturer
35 dental students

- 2005-2008 30 hours/year
Lecture in Topics in Prosthodontics
-Treatment of Active Disease
Lecturer
35 dental students
2 hours/year
2005-2008 Lecture in Topics in Operative
-Oral Structure and Function
Lecturer
35 dental students
2 hours/year
Lecture in Topics in Dental Anatomy

University of Illinois at Chicago, College of Dentistry

Predoctoral Courses-Lecture Level

- 2008-Present -Predoctoral Implant lectures series
Lecturer
103 Students
2 hours/year
2008-Present -Predoctoral Implant Clinic
Clinic Instructor
103 Students
20% - 1 day per week
-Pre-doctoral Implant Clinic (Year 2, 3 and 4 students, supervise diagnosis, treatment planning, restorative (single tooth implant supported restoration and two-implant supported mandibular overdenture), and maintenance procedures. The implant clinic for D2, D3 and D4 students was established in 2007 with the purpose of allowing dental implant restorative experiences for every dental student. Students provide assessments, consultations, diagnoses, treatment planning, surgical assisting, restorations, and maintenance for single tooth and mandibular overdenture patients. Part of their experience is also the completion of an implant patient portfolio by the end of the D4 year. This portfolio must include detailed explanations of all phases of implant care. Photographs, self-assessments, narratives of implant surgery and restoration, and outcome assessments are additional components of the portfolio. Responsibilities include supervising 4-5 students per clinic session as well as administrative tasks.
2012-Present -Small Group Learning (SGL) Facilitator for the new DMD curriculum
6-8 student/group
20% - 1 day per week
As a facilitator, I spent 1 day per week to moderate the SGL discussion. The role of facilitator is very important in SGL learning process.
2019-Present -Director of Advanced Predoctoral Implant Program for COD D4 and AS4 student.
2019-Present -Director of Predoctoral Implant Program

Graduate courses

- 2008-Present - Independent Study, OSCE 598
2018-Present - BioE/ME 562: Biomedical Implants
One lecture per semester (2 hours), 34 students
2020-Present - BIOE-494: Introduction to Dental science/Research, 2-3 lectures (1 hour/lecture), 22 students

Advising Responsibilities:

Postdoctoral:

Master's Thesis (Primary Advisor):

- 2004-6 Michael Gerald O'Toole DMD, MMSc -HSDM
Thesis: An analysis of sandblasted and acid-etched (SLA) and machined implant surfaces
Role: Primary advisor
- 2006-8 James Chen DDS, MMSC Candidate, -HSDM
Thesis: The effects of nicotine on oral mucosa wound healing
Role: Primary advisor
- 2007-9 Fatemeh Afshari DMD, MS. -UIC-COD
Thesis: Patient recall in postgraduate prosthodontic programs in the United States
Role: Primary advisor
- 2009-11 Suchada Kongkiatmon, DDS,MS. Prosthodontic Resident. -UIC-COD
Thesis: Cellular behavior of hMSC cultured onDMP-1 treated implant surfaces
Role: Primary advisor
- 2009-11 Sahand Zomorrodian. DMS,MS. Prosthodontic Resident. -UIC-COD
Thesis: Cellular response of human mesenchymal stem cells cultured on corroded titanium surfaces
Role: Primary advisor
- 2010-12 Savitry Abey. DMD, MS. Prosthodontic Resident. UIC-COD
Thesis: Electrochemical characterization of dental implants: CpTi.
Role: Primary advisor
- 2012-13 Emily Taylor DDS, MS. Prosthodontic Resident. -UIC-COD
Thesis: Implant esthetic analysis of anterior maxilla single tooth implant performed by UIC predoctoral student
Role: Primary advisor
- 2012-13 Philip Hedger DDS. MS. Prosthodontic Resident. -UIC-COD
Thesis: Social engagement and implant overdenture treatment
Role: Primary advisor
- 2011-14 Goth Siu DDS. Prosthodontic Resident. -UIC-COD
Thesis: Improving the pink and white esthetic scores (PES/WES) in predicting patient satisfaction of anterior implant restorations
Role: Primary advisor
- 2011-14 Graham Meng DDS, MS. Prosthodontic Resident. -UIC-COD
Thesis: Effect of *Candida* biofilm on the repair strength and mechanical properties of denture acrylic
Role: Primary advisor
- 2012-15 Amy Au DDS. Prosthodontic Resident. -UIC-COD
Thesis: Antimicrobial effect of silver embedded titania nanotube (TiO₂-NT-Ag) implant surface against *Porphyromonas gingivalis*
Role: Primary advisor
- 2012-15 Natalie Wolfson DMD. Prosthodontic Resident. -UIC-COD
Thesis: Characterization and biocompatibility of Zr-TiNT implant surfaces.
Role: Primary advisor
- 2013-15 Bela Joshi. Department of Chemical Engineering. -UIC
Thesis: Remineralization of tooth using Atomic Layer Deposition Technique
Role: Primary advisor
- 2013-15 Himani Nadgauda. Department of Chemical Engineering. -UIC
Thesis: Role of Titanium Nanotubes in Porcelain-Titanium Bonding
Role: Primary advisor

- 2013-16 Craig Sikora DMD. Prosthodontic Resident. -UIC-COD
Thesis: Wear and corrosion at the titanium-Zirconia implant abutment interface.
Role: Primary advisor
- 2013-16 Charles Palin DMD. Prosthodontic Resident. -UIC-COD
Thesis: The effect of oral biofilms on the tribological properties of denture tooth acrylic
Role: Primary advisor
- 2013-16 Alec Zuric DMD. Prosthodontic Resident. -UIC-COD
Thesis: The wear characteristics of opposing CAD/CAM ceramic materials
Role: Primary advisor
- 2014-17 Ryan A. Matthews DMD. Prosthodontic Resident. -UIC-COD
Thesis: Role of Titanium Nanotubes in Porcelain-Titanium Bonding, Acoustic Emission Analysis.
Role: Primary advisor
- 2018 Saad S. Alresayes DDS, Prosthodontic Resident. -UIC-COD.
Title: Corrosion Behavior of Ti15Zr (Roxolid®) Dental Implant Alloy Compared to CpTi and Ti6Al4V Alloys.
Role: Primary advisor
- 2019 Laura Koo Min Chee DMD, Prosthodontic Resident. -UIC-COD
Title: Color evaluation of polymethylmethacrylate with novel nano-ceramic coating
Role: Primary advisor
- 2020 Yale Cho DMD. Prosthodontic Resident. -UIC-COD.
Title: Determining the Perceptibility and Acceptability Threshold of the Relative Translucency Parameter for Porcelain Crowns.
Role: Primary advisor
- 2020 James Pizzo DMD. Prosthodontic Resident. -UIC-COD.
Title: Microbiome Analysis of Biofilms in Patients with Zirconia and Acrylic-Titanium Fixed Complete Denture Prostheses
Role: Primary advisor
- 2021 Nicole Sannito DMD. Prosthodontic Resident. -UIC-COD.
Title: Color stability of PDMS coated Ag
Role: Primary advisor
- 2021 Meghan Koennecke DMD. Prosthodontic Resident. -UIC-COD.
Title: Bacterial diversity and attachment of silver-coated titanium using ALD technology, in vivo study
Role: Primary advisor
- 2021 Jun Soo Shin DMD. Prosthodontic Resident. -UIC-COD.
Title: Microbiome Characterization of Extra-Oral Implant and Soft Tissue in Direct Contact with Maxillofacial Prostheses
Role: Primary advisor

Master's Thesis (Co-Advisor):

- 2012-14 Gustavo Da Codos Santos Pinto. Master's Student in Oral Rehabilitation. University of São Paulo - Ribeirão Preto – Brazil.
Thesis: Effect of brushing and corrosion on CpTi
Role: Co-advisor
- 2012-13 Stephanie Liss, DDS, MS. Endodontic Resident. -UIC-COD
Thesis: Comparison of quality of life studies between endodontic treatment and single tooth implants
Role: Co-advisor
- 2012-13 Logan Bell, DDS, MS. Endodontic Resident. -UIC-COD
Thesis: Applicant selection procedures for endodontic specialty programs in the United States: a survey of program directors
Role: Co-advisor
- 2012-13 Sweetu Patel. Department of Bioengineering. UIC.

- Thesis: Functionalization and characterization of CP-Ti and Ti-6Al-4V surfaces for biomedical implants
Role: Co-advisor
- 2011-14 Alexandra Polus, DMD. Prosthodontic Resident. -UIC-COD
Thesis: Assessing WES in the presence of digital facial portraits
Role: Co-advisor
- 2013-14 John Grotberg. Department of Bioengineering. -UIC
Thesis: Cell responses and corrosion resistance of annealed titania nanotubes
Role: Co-advisor
- 2013-14 Pete Rosman. Department of Bioengineering. -UIC
Thesis: Fretting corrosion of titanium implant
Role: Co-advisor
- 2012-15 Anthony Palloto DDS. Prosthodontic Resident. -UIC-COD
Thesis: Influence of tooth shape on perceived personality
Role: Co-advisor
- 2013-16 Virginia Hogsett DMD. Prosthodontic Resident. -UIC-COD
Thesis: Prosthetic complications of implant-supported full arch prostheses: a comparison of metal-acrylic, copymilled zirconia, and cementable crown prostheses
Role: Co-advisor
- 2019 Berkman Albayrak DDS, Atatürk University Faculty of Dentistry, Department of Prosthodontics
Title: Three-Dimensional Accuracy of Conventional vs. Digital Full-Arch Implant Impressions
Role: Co-advisor
- 2020 Jingyao Li, Masters in Digital Arts and Sciences. University of Florida, College of the Arts.
Title: Virtual Reality and Dental Surgery
Role: Co-advisor
- 2020 Menghan Zhan, Masters in Digital Arts and Sciences. University of Florida, College of the Arts. Title: Virtual Reality and Dental Surgery
Role: Co-advisor
- 2020 Aadithya Gowthaman, Masters in Digital Arts and Sciences. University of Florida, College of the Arts. Title: Virtual Standardized Patient
Role: Co-advisor
- 2020 Austin Stanbury, Masters in Digital Arts and Sciences. University of Florida, College of the Arts. Title: Virtual Standardized Patient
Role: Co-advisor
- 2020 Bingyu Li, Masters in Digital Arts and Sciences. University of Florida, College of the Arts.
Title: Virtual Standardized Patient
Role: Co-advisor
- 2020 Ines Said, Masters in Digital Arts and Sciences. University of Florida, College of the Arts.
Title: Virtual Standardized Patient
Role: Co-advisor
- 2020 Linda Kirova, Masters in Digital Arts and Sciences. University of Florida, College of the Arts.
Title: Virtual Standardized Patient
Role: Co-advisor
- 2020 Patrick Molen, Masters in Digital Arts and Sciences. University of Florida, College of the Arts. Title: Virtual Standardized Patient
Role: Co-advisor
- 2020 Jordan Smith, Masters in Digital Arts and Sciences. University of Florida, College of the Arts.
Title: Virtual Standardized Patient
Role: Co-advisor

Master's Thesis (Thesis committee):

- 2017 Su Huang, Department of Chemical Engineering, UIC-College of Engineering.
Thesis: improving polymethyl methacrylate resin using a novel nano-ceramic coating

- 2017 Role: MS Thesis committee
Ghaith Darwis DMD. Prosthodontic Resident. -UIC-COD
Thesis: improving polymethyl methacrylate resin using a novel nano-ceramic coating
Role: MS Thesis committee
- 2018 Eleonora Pensa, Department of BioEngineering, UIC-College of Engineering.
Title: Characterization of TiO₂ and ZrO₂ Coating by Atomic Layer Deposition on Silicon and Organic Substrates
Role: MS Thesis committee

Certificate student:

- 2005-7 Seiichi Yamano DMD, -HSDM
Research Project: Molecular analysis of edentulous oral mucosa formation in type 2 diabetes mice
- 2007-9 Ryan Blisset DMD and Meng-Chieh Lee DDS, -HSDM
Research Project: Differential factors that influence applicants selection of prosthodontics residency program
- 2008-10 Andrew Ma, DDS, Prosthodontic Resident, -HSDM
Research Project: In vitro analysis of human gingival cells cultured on different implant surfaces material and topography
- 2008-10 Rosemarie Tan DDS. Prosthodontic Resident. -UIC-COD
Research Project: Single-tooth implant versus endodontic therapy: a treatment-planning questionnaire.
- 2009-11 Christopher Chan. DDS. Prosthodontic Resident. -UIC-COD
Research Project: Quality assurance in the department of restorative dentistry at the university of Illinois at Chicago, college of dentistry
- 2009-11 Pamela Barias. DDS. Prosthodontic Resident. -UIC-COD
Research Project: Survival of dental implants placed by advanced prosthodontic students: a retrospective case series.
- 2012-13 Andrew Carmosino. Periodontic Resident. -UIC-COD
Research Project: Postdoctoral periodontal program directors' perspective on resident selection
- 2013-16 Daniel Pinkston. Prosthodontic Resident. -UIC-COD
Research Project: Current opinion of maxillofacial prosthodontic program from current resident and program director.

Certificate student (Prosthodontic Board External Examiner):

- 06-2020 Acing Habibie Mude DDS, Prosthodontic Resident
Faculty of Dentistry, Hasanuddin University, Makasar, Indonesia
- 06-2020 Maharani Kurniati Baso DDS, Prosthodontic Resident
Faculty of Dentistry, Hasanuddin University, Makasar, Indonesia
- 07-2020 Leni Hadi DDS, Prosthodontic Resident
Faculty of Dentistry, University of Sumatra Utara, Medan, Indonesia
- 08-2020 Daisy Supandi DDS, Prosthodontic Resident
Faculty of Dentistry, University of Indonesia, Jakarta, Indonesia
- 08-2020 Fauziah Erfin DDS, Prosthodontic Resident
Faculty of Dentistry, Padjadjaran University, Bandung, Indonesia
- 09-2020 Ivana DDS, Prosthodontic Resident
Faculty of Dentistry, University of Sumatra Utara, Medan, Indonesia
- 11-2020 Agrippina Maria Winardy DDS, Prosthodontic Resident
Faculty of Dentistry, University of Indonesia, Jakarta, Indonesia
- 11-2020 Filzah Zulkarnaen, DDS, Prosthodontic Resident
Faculty of Dentistry, University of Indonesia, Jakarta, Indonesia

Ph.D Student (Primary Advisor)

- 2009-11 Valentim Barao DDS, Ph.D. -UIC-COD and UNESP, Brazil.
Title: Corrosive behavior of titanium: influence of pH and lipopolysaccharide
Role: Primary advisor
- 2012-14 Newton Linchari Junior, UNESP Brazil.
Title: Corrosion behavior of thermally oxidized titanium
Role: primary advisor
- 2013-15 Isabella Vieira Marques, University of Campinas, Piracicaba Dental School, Sao Paulo, Brazil.
Role: Primary advisor
Title: Bioactive coatings produced on titanium surfaces by micro-arc oxidation for dental applications: corrosion, tribocorrosion and biological responses
- 2016-20 Sarah Hashemiastaneh, University of Illinois at Chicago, Department of Chemical Engineering.
Role: Co-Advisor
Title: Surface functionalization and enhancement of properties of biomaterials through atomic layer deposition

Ph.D Student (Co-Advisor)

- 2012-14 Azhang Hamlekhan: Michigan Technology University.
Ph.D Thesis: Control drug release kinetics from titanium oxide nanotubes through optimization of nanotubes aspect ratio
Role: Co-Advisor
- 2013- Sweetu Patel. Michigan Technological Institute.
Role: Co-Advisor
- 2012- Arman Butt. University of Illinois at Chicago, Department of Biomedical Engineering,
Role: Co-Advisor
- 2017 Sofia Alves
PhD student in Biomedical Engineering/ Researcher
Centre for Mechanical and Materials Technologies, CT2M, Department of Mechanical Engineering, University of Minho, 4800-058 Guimarães, Portugal
Role: Co-Advisor
- 2018 Arghya Kamal Bishal. University of Illinois at Chicago, Department of Biomedical Engineering.
Title: Functionalization of Biomaterials with Atomic Layer Deposition for Tunable Performance Enhancements
Role: Co-Advisor
- 2020 Mina Shahmohammadi, University of Illinois at Chicago, Chemical Engineering.
Role: Co-Advisor
- 2020 Dyah Nindita Carolina DDS, Faculty of Dentistry, Padjadjaran University, Department of Periodontics
Role: Co-Advisor
- 2020 Setyawan Bonifacius DDS, Faculty of Dentistry, Padjadjaran University, Department of Prosthodontics
Role: Co-Advisor
- 2020 Farina Pramanik DDS, Faculty of Dentistry, Padjadjaran University, Department of Radiology
Role: Co-Advisor
- 2020-22 Mostafa Alhamad DDS, University of Illinois at Chicago, College of Dentistry.
Role: Co-Advisor

Ph.D Student (Thesis committee)

- 2014 Chun-Chieh Huang. University of Illinois at Chicago, Department of Biomedical Engineering,
Ph.D Thesis: Synthesis And Characterization of Leucine Zipper Hydrogel For Tissue

Regeneration

Role: Ph.D Thesis committee

2015 Sathees Kannan Selvaraj. University of Illinois at Chicago, Department of Biomedical Engineering.

Ph.D Thesis: Atomic Layer Deposition of Metal Oxides for Emerging Applications

Role: Ph.D Thesis committee

2019 Kun He, University of Illinois at Chicago, Department of Mechanical Engineering. Title: In-situ liquid-cell TEM studies of nucleation and growth at nanoscale.

Role: Ph.D Thesis committee

2020 Sri Budi Barunawati DDS. Department of Prosthodontics, Faculty of Dentistry, Gadjah Mada University, Indonesia.

Ph.D Thesis: The Effects of Abalone Gel Application After Tooth Preparation on The Dentinal Tubule Closure (*in vitro* dan *in vivo* study on *Rattus norvegicus*)

Role: Ph.D Thesis committee

Predoctoral:

- | | | |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 2007 | Sophia Saeed, DMD candidate,
Differential factors that influence male and female dental students' in post-graduate program selection | -HSDM |
| 2008 | David Baker, DMD candidate,
The effect of system nicotine administration on the development of periradicular lesions in rats | -HSDM |
| 2008 | Soo-Woo Kim, DMD candidate,
Early response of human mesenchymal stem cells on different implant surfaces | -HSDM |
| 2008 | Mari Bae, DMD candidate,
Impact of provider's experience in dental procedures on patient's dental anxiety level | -HSDM |
| 2008 | Rabie Shanti, DMD candidate,
Response of human mesenchymal stem cells on different implant surfaces | -HSDM |
| 2008 | Sirena Shieh, DMD candidate,
Molecular analysis of early osseointegration in rats | -HSDM |
| 2009 | Joel Berley, DMD candidate,
The effect of nicotine to osseointegration, in vivo study in rats | -HSDM |
| 2011. | Kristina G. Dragstrem. DDS Candidate.
Gender equality in orthodontic literature and leadership | -UIC-COD |
| 2012 | CJ.Yoon. DDS Candidate
Title: Attachment of <i>Porphyromonas gingivalis</i> to corroded titanium discs | -UIC-COD |
| 2012 | Erin Cho, DDS Candidate
Title: The effect of nicotine on titanium corrosive behavior | -UIC-COD |
| 2013 | Ghaith Darwish, DDS Candidate
Title: Current clinical practice and confidence level of predoctoral students in tooth color selection | -UIC-COD |
| 2013 | Meredith Gantos, DDS Candidate
Title: Prosthodontics treatment considerations for methamphetamine-dependent patients | -UIC-COD |
| 2013 | Stuart R. Schelkopf, DDS Candidate
Title: Patient recall in U.S. predoctoral dental education programs and student perception of the importance of patient recall | -UIC-COD |
| 2013 | Justin Schneider, DDS Candidate
Title: University of Illinois at Chicago prosthodontic implant club: stimulating education | -UIC-COD |
| 2014 | Anthony Lotesto, DMD candidate
Title: Clinical examination and quality life of TMJ-implant patient | -UIC-COD |
| 2014 | Jihan Doss, DMD candidate
Title: Inter-professional education experience among US predoctoral students | -UIC-COD |
| 2015 | Uvoh Onoriobe, DMD candidate | -UIC-COD |

Title: Assessing impact of the SMART Act cuts on the rates of Complete Dentures and Mandibular Implant-supported Overdentures (IODs) completed at the UIC COD pre-doctoral clinic.

- 2019 Adam Kwiatkowski, DMD candidate -UIC-COD
Title: Cad-Cam Maryland Bridge, UIC Dental Student Experiences.
- 2019 Erick Quintana Raya, DMD candidate -UIC-COD
Title: Outreach program, collaboration between Predoctoral Implant Program and Community Center.
- 2020 Divya Srinivasan, DMD candidate -UIC-COD
Title: Oral Health Literacy for Prosthodontics Patient
- 2020 Swati Chandan, DMD candidate -UIC-COD
Title: Oral Health Literacy for Prosthodontics Patient
- 2020 Ellie Park, DMD candidate -UIC-COD
Title: Efficacy of Disinfectants on Silicone Maxillofacial Prostheses: a Systematic Review
- 2020 Stephanie Schreiber, DMD candidate -UIC-COD
Title: Virtual Reality Program of Dental Implant Surgery: Student Perception
- 2020 Zawin Najah Binti Azhar
Title: Malaysian dental students' perspective on implementation of online learning due to covid 19 pandemic- a cross sectional study
BDS Candidate: Faculty of Dentistry. International Islamic University Malaysia, Malaysia
- 2020 Nur Hazirah Binti Yazid
Title: Malaysian dental students' perspective on implementation of online learning due to covid 19 pandemic- a cross sectional study
BDS Candidate: Faculty of Dentistry. International Islamic University Malaysia, Malaysia
- 2020 Nur Hasilah Binti Ismail
Title: Knowledge, perceived risk, and the associated preventive behavior amidst covid-19 pandemic among undergraduate dental students in Malaysia
BDS Candidate: Faculty of Dentistry. International Islamic University Malaysia, Malaysia
- 2020 Nur Yasin Maisarah Binti Abu Kassim
Title: Knowledge, perceived risk, and the associated preventive behavior amidst covid-19 pandemic among undergraduate dental students in Malaysia
BDS Candidate: Faculty of Dentistry. International Islamic University Malaysia, Malaysia
- 2020 Nurina Binti Sabaznur
Title: Impact of covid-19 among dental students in Malaysia
BDS Candidate: Faculty of Dentistry. International Islamic University Malaysia, Malaysia
- 2020 Siti Zakirah Binti Yaakop
Title: Impact of covid-19 among dental students in Malaysia
BDS Candidate: Faculty of Dentistry. International Islamic University Malaysia, Malaysia
- 2021 Dominique Erica Bertucci, DMD candidate -UIC-COD
Title: e-typodont
- 2021 Javid Patel, DMD candidate -UIC-COD
Title: e-typodont
- 2021 Jeremy Joseph, DMD candidate -UIC-COD
Title: Multi User Virtual Simulation
- 2021 Steven B. Steiner, DMD candidate -UIC-COD
Title: The use of VR to reduce patient's anxiety

Undergraduate Student Research:

- 2019 Elizabeth Mansoori. UIC Undergraduate student.
Title: Atomic Layer Deposition Technology in Medicine and Dentistry
- 2019 Sarah Junaid. UIC Undergraduate student.
Title: The Most Cited Articles about Problem Based Learning in Dental Literatures
- 2020 Mesk Samara. UIC Undergraduate student.

- 2020 Title: Saliva as diagnostic tool in smart healthcare
Shannon Park, UIC UIC Undergraduate student.
- 2020 Title: A literature review on the Best Way to Clean Maxillofacial Prosthesis
Alfi Mohamed Redzwan
Bina Nusantara University, Department of Computer Sciences, Jakarta, Indonesia
- 2020 Title: VR applications for dental brushing
Jerdy Tjandra
Bina Nusantara University, Department of Computer Sciences, Jakarta, Indonesia
- 2020 Title: VR applications for dental brushing
Ryan Divas Tjahya
Bina Nusantara University, Department of Computer Sciences, Jakarta, Indonesia
- 2020 Title: VR applications for dental brushing
Jose Vallenchee
Bina Nusantara University, Department of Computer Sciences, Jakarta, Indonesia
- 2020 Title: VR applications for dental brushing
Nandi Aditya
Bina Nusantara University, Department of Communication, Jakarta, Indonesia
- 2020 Title: VR applications for dental brushing
Vincent Joman
Bina Nusantara University, Department of Graphic Design, Jakarta, Indonesia
- 2020 Title: VR applications for dental brushing
Fauzan Ihsan Kamal
Bina Nusantara University, Department of Computer Sciences, Jakarta, Indonesia
- 2020 Title: AR application for typodont
Nixon Louis
Bina Nusantara University, Department of Computer Sciences, Jakarta, Indonesia
- 2020 Title: AR application for typodont
Edbert Hans Teddy Atmaja
Bina Nusantara University, Department of Computer Sciences, Jakarta, Indonesia
- 2020 Title: AR application for typodont
Brian Weku
Bina Nusantara University, Department of Computer Sciences, Jakarta, Indonesia
- 2020 Title: AR application for typodont
Nabila
Bina Nusantara University, Department of Communication, Jakarta, Indonesia
- 2020 Title: AR application for typodont
Eunige Patricia
Bina Nusantara University, Department of Graphic Design, Jakarta, Indonesia
- 2020 Title: AR application for typodont
Ian Theodore
Bina Nusantara University, Department of Graphic Design, Jakarta, Indonesia

Student Awards:

- 2005 Seiichi Yamano DDS, Ph.D, DMD. American College of Prosthodontist/Procter & Gamble Fellowship in Complete Denture Prosthodontics
- 2006 Michael Gerald O'Toole DMD, MMSc. 1st Place Remo Sinibaldi Memorial Table Clinic Competition, American College of Prosthodontics, Massachusetts's section
- 2007 Fatemeh Afshari DMD, HSDM 06, AGE Prosthodontics University of Illinois at Chicago 09. Student Grant Program Greater New York Academy of Prosthodontics. Project title: Patient Recall in Postgraduate Prosthodontic Programs in the United States.

- 2007 Ryan D Blissett DMD. HSDM 06, AGE Prosthodontics HSDM 09. 2007 Student Grant Program Greater New York Academy of Prosthodontics. Project title: Differential Factors that Influence Applicant Selection of a Prosthodontics Residency Program
- 2007 Seiichi Yamano DDS, Ph.D, DMD, Third Place for 2007 ACP John J. Sharry Prosthodontic Research Competition. Presentation entitled: Effects of nicotine in the plasma on wound healing and osseointegration of a titanium implant in a rat
- 2007 Kuan-Liang Chen DDS and David Baker (DMD Candidate-Class of 2008). Krakow Harvard/Forsyth Endowed Endodontic Research Fund
- 2007 Joel Berley (DMD Candidate-class of 2009). American Academy of Implant Dentistry
- 2007 Seiichi Yamano DDS, Ph.D, DMD. American College of Prosthodontist Educational Foundation
- 2008 Sirena Hsieh (HSDM DMD, class of 2008). Best Oral Scientific Presentation Award, Academy of Osseointegration 2008, Boston, MA. Project title: In Vitro Comparison of Zirconium and Titanium Discs: Proliferation, Adhesion, Morphology, and Osteogenic Differentiation of Human Bone Marrow-Derived Mesenchymal Stem Cells (hMSCs)
- 2008 Rabie Shanti (HSDM DMD, class of 2008) Osteology Foundation Research Award. Project title: Implant Nanofiber Composites Enriched in Bone Marrow-Derived Mesenchymal Stem Cells for Oral and Maxillofacial Rehabilitation. Collaboration with Dr. Hyun JoonKong (University of Illinois at Urbana-Champaign).
- 2008 Sam Koo DMD. Molecular analysis of early bone healing around titanium implants, an *in vivo* studies in rats. ITI foundation, Small Research Grant.
- 2009 Fatemeh Afshari. Winner Johnson & Johnson Preventive Dentistry Award. Title: Patient Recall in Advanced Education in Prosthodontics Programs in the United States. 2009 UIC-COD Clinical and Research Day
- 2010 Valentim Barao: Finalist, 2010 IADR J. Morita Geriatric Research Award, Geriatric Research Group. Title: Corrosive Behavior of Titanium: Influence of pH and Lipopolysaccharide. IADR. Barcelona, Spain.
- 2010 Suchada Kongkiatkamon, First Place: ADEA Postdoc Research Poster presentation. 2010 ADEA, Washington DC
- 2010 Savitry Abey: Annual ICMCTF Graduate Student Award - 1st Place. Title: Tribocorrosion Behavior of CpTi: Influence of pH. International Conference on Metallurgical Coatings and Thin Films. San Diego, CA April 25-30 (Town and Country Conference Center)
- 2011 Valentim Barao. Hatton Award winner, International Association of Dental Research, Brazilian Section, September 2011. Title: Influence of corrosion on Lipopolysaccharide affinity for two titanium materials.
- 2011 Sahand Zomorrodian, First place, American Prosthodontics Society. Poster presentation. Chicago, IL
- 2011 Sahand Zomorrodian, Tylman Student Research Grant, Academy of Fixed Prosthodontics.
- 2011 Dmitry Royhman: Winner for Associate Basic Science category. Title: 2011 UIC-COD Clinic and Research Day.
- 2011 Kristie Rosengren: Winner for Clinical Science Category. Title: Gender disparity in orthodontic literature and leadership. 2011 UIC-COD Clinic and Research Day.
- 2011 Valentim Barao: Annual ICMCTF Graduate Student Award – 2nd Place. Title: What is the role of Lipopolysaccharide (LPS) on the tribocorrosive behavior of Titanium in dentistry? International Conference on Metallurgical Coatings and Thin Films. San Diego, CA April 25-30
- 2011 Valentim Barao: Finalist, 2011 IADR Arthur R. Frechette Award, Prosthodontics Research Group. Title: How Does Lipopolysaccharide Influence the Tribocorrosive Behavior of Titanium? IADR. San Diego, CA.
- . 2012 Goth Siu DMD: Student Research award from American Academy of Implant Dentistry. Research Title: Improving the pink and white esthetic scores (PES/WES) in predicting patient satisfaction of anterior implant restorations
- 2012 Goth Siu DMD: Recipient of the American Academy of Esthetic Dentistry Grant for Research in Esthetic Dentistry. Title: Improving the ability of the pink and white esthetic scores

- (PES/WES) in predicting patient satisfaction of anterior implant restorations-Preliminary report.
- 2012 Arman Butt, Student Research award from American Academy of Implant Dentistry: Research title: Novel Ti-V (Ti90Al6V4) Surface Modification by Thermal Oxidation and TiO₂ Nanotubes.
- 2012 Valentim Barao. IADR Hatton Award finalist, International Association of Dental Research, Brazil, 2012. Title: Influence of corrosion on Lipopolysaccharide affinity for two titanium materials.
- 2012 Arman Butt, 2012 IADR Post Graduate Student Research Fellowship, IADR Prosthodontic Section. IADR, Brazil 2012.
- 2012 Dmitry Royhman: Winner for Associate Basic Science category. Title: A Tribocorrosive Investigation of Commonly Used TMJ Implant Metals. 2011 UIC-COD Clinic and Research Day.
- 2013 Arman Butt. Ph.D Student, UIC. "A Novel Investigation of the Formation of TiO₂ Nanotubes on Thermally Formed Oxide of Ti-6Al-4V." 2nd Place for Poster Presentation and 3rd Place for Oral Presentation. 2013 American Academy of Implant Dentistry Meeting.
- 2013 Natalie Wolfson DMD. Prosthodontic Resident. -UIC-COD. Student Grant Program from Academy of Prosthodontics. Characterization and Biocompatibility of Zr-TiNT implant surfaces.
- 2013 Amy Au DDS. AGE Prosthodontics. UIC-COD. Student Grant Program from Academy of Prosthodontics. Project title: Antimicrobial effect of silver embedded titania nanotube (TiO₂-NT-Ag) implant surface against Porphyromonas gingivalis
- 2013 Amy Au DDS. AGE Prosthodontics. University of Illinois at Chicago. Student Grant Program from Greater New York Academy of Prosthodontics. Project title: Antimicrobial effect of silver embedded titania nanotube (TiO₂-NT-Ag) implant surface against Porphyromonas gingivalis
- 2013 Phil Hedger DMD, Second Place for Clinical Research criteria, 2013 UIC Clinical Research Day. Title: Treatment Effect on Social Engagement With Mandibular Implant Overdenture Therapy
- 2013 Gustavo Da Col dos Santos Pinto: First Place for Table Clinic Research Presentation, The American Prosthodontic Society, Chicago, 2013. Title: Exploring Suitable Surface Treatment for Ti- Dental Implants: An Electrochemical Investigation in infection like environment
- 2013 Dmitry Rohyman: Finalist: 2013 IADR Arthur R. Frechette Award from Prosthodontic Research Group. Title: A Tribocorrosive Investigation of Commonly Used TMJ Implant Metals
- 2013 Amy Au DDS: Recipient of 2013 IADR Prosthodontics Group Student Research Fellowship Title: Antimicrobial effect of silver embedded titania nanotube (TiO₂-NT-Ag) implant surface against Porphyromonas gingivalis.
- 2013 Goth Siu DMD: Recipient of the Northeastern Gnathological Societies Granger-Pruden Award. Title: Improving the ability of the pink and white esthetic scores (PES/WES) in predicting patient satisfaction of anterior implant restorations.
- 2014 Natalie Baker, 2nd Place, 2014 American College of Prosthodontics meeting, New Orleans. Title: Characterization and Biocompatibility of Transparent Nanotubes on Hybrid TiZrO₂
- 2014 Leonardo Perez Faverani. First Place (Graduate level) in the 8th Meeting of Brazilian Group for Recycling in Prosthodontics and Implants. Poster title: Faverani LP, Assuncao WG, de Carvalho PSP, Yuan JC, Sukotjo C, Mathew MT, Barão VA. Electrochemical analysis of Ti-6Al-4V alloy with different levels of dextrose and lipopolysaccharide.
- 2014 Stuart Schelkopf. (UIC-COD, D4 student). Award for Excellence in Clinical Research - Poster Presentation, UIC-COD Clinic and Research Day, 2014.
- 2014 Goth Siu DMD, Graduate Student Award, Clinical and Behavioral Science, Third Place, UIC-COD Clinic and Research Day, 2014.
- 2015 Amy Au DDS, (PG Prosthodontics 2015). 2nd place for John J. Sharry Research Competition Project title: A Novel Silver-Embedded Titania Nanotubular Implant Surface. ACP 2015 annual meeting, Orlando, Florida.

- 2015 Craig Sikora DMD, (PG Prosthodontics 3rd year). 1st in the Resident Poster Section. Project title: Wear and Corrosion at the Titanium-Zirconia Implant Abutment Interface. ACP 2015 annual meeting, Orlando, Florida.
- 2015 Jeri McCombs, (D-4) , 2nd in the Dental Student Poster Section for her project. Title. Utilizing Digital Workflow to Restore Single Tooth Implants in a Pre-Doctoral Setting. ACP 2015 annual meeting, Orlando, Florida.
- 2015 Uvoh Onoriobe, (ASDMD 2). 3rd in the Dental Student Poster Section for his project. Title: Assessing the Impact of Limiting Adult Dental Medicaid Benefits on Prosthodontic Procedures Completed at the UIC COD Predoctoral Clinic. ACP 2015 annual meeting, Orlando, Florida.
- 2015 Isabella Marques, Top 6 finalist of Hatton Award competition, International Association of Dental Research, Brazilian Section, September 2015. Title: Biomimetic coatings enhance cellular responses and tribocorrosion behavior of cpTi surfaces
- 2015 Bhavani Patel. Innovation in Basic Science Research Award. University of Illinois College of Medicine at Rockford. Project title: Electrochemical and Tribocorrosive Behavior of Ultra Nanocrystalline Diamond for Biomedical Applications.
- 2015 Virginia Hogsett. First Place for Table Clinic for Clinical Category. American Academy for Fixed Prosthodontics Annual Meeting. Title: A Prosthetic Approach for Class III Malocclusion Utilizing Fixed Complete Denture Therapy.
- 2015 Isabella Marques. Second Place for Table Clinic competition. American Prosthodontics Society Annual Meeting. Title: Surface characterization and corrosion behavior of bioactive coatings on cp-Ti surface for dental applications.
- 2015 Maria Fernanda. First Place for Table Clinic competition. American Prosthodontics Society Annual Meeting. Title: Fretting corrosion behavior of Ti6Al4V dental implant alloy: The role of fretting frequencies.
- 2015 Isabella Marques, Finalist for IADR Prosthodontic Group Research, Frechette Award. IADR Boston, MA. Title: Bioactive Coatings Produced by Microarc Oxidation: Characterization and Tribocorrosion Behavior.
- 2015 Natalie Baker, Second Place. Prosthodontic Graduate Student Oral Presentation. American Prosthodontics Society. Annual Meeting, Chicago, IL. Title: Characterization and Biocompatibility of Transparent Nanotubes on Hybrid TiZrO₂
- 2015 Natalie Baker, Recipient of the Northeastern Gnathological Societies Granger-Pruden Award. Title: Characterization and Biocompatibility of Transparent Nanotubes on Hybrid TiZrO₂
- 2016 Craig Sikora, Title: Wear and Corrosion at the titanium-zirconia implant abutment interfaces, 1st Place for ACP John Sharry Award, Annual ACP meeting, San Diego, October 5-8.
- 2016 Virginia Hogsett, Title: Prosthetic Complications of Implant-Supported full arch prostheses: A comparison. 2nd Place for ACP John Sharry Award, Annual ACP meeting, San Diego, October 5-8.
- 2016 Alec Zuric, Title: The Wear Characteristics and Volume Loss of Different CAD/CAM Materials. Finalist for ACP John Sharry Award, Annual ACP meeting, San Diego, October 5-8.
- 2016 Uvoh Onoriobe (Predoc). Clinical and Translational Sciences. 2nd place. UIC-COD Clinic and Research Day. Title: Limited Adult Dental Medicaid Benefits Impact on Receipt of Prosthodontic Procedures
- 2016 Uvoh Onoriobe (Predoc). CCTS Award. 1st Place. UIC-COD Clinic and Research Day. Title: Limited Adult Dental Medicaid Benefits Impact on Receipt of Prosthodontic Procedures
- 2016 Jeri McCombs (Predoc). Case Report, 1st. place. UIC-COD Clinic and Research Day. Title: Utilizing Digital workflow to restore single tooth implants in a predoctoral setting.
- 2016 Virginia Hogsett: 3rd Place. Post Graduate Clinical Fellows. Clinical and Behavioral Sciences. UIC-COD Clinic and Research Day. Title: Prosthetic Complications of Implant-Supported full arch prostheses: A comparison
- 2016 Craig Sikora, Wear and Corrosion at the titanium-zirconia implant abutment interfaces, 2nd place for Prosthodontics Resident Oral Presentation, American Prosthodontic Society

- Meeting, February 25-26, Chicago.
- 2016 Craig Sikora, Wear and Corrosion at the titanium-zirconia implant abutment interfaces, First place for Prosthodontics Resident Table Clinic, Research Category, American Academy of Fixed Prosthodontic Meeting, February 26-27, Chicago.
- 2016 Sweetu Patel (Ph.D Student), VitaminD-eluting Titania nanotubes (VD-TNTs) (One of the top 4 table clinic presentations in research category), American Prosthodontic Society Meeting, February 25-26, Chicago.
- 2016 Sweetu Patel (Ph.D Student), Outstanding Scholarship Award, Department of Mechanical Engineering, Michigan Technological University, Houghton, Michigan.
- 2017 Saad S. Alresayes, ACP Sharry Award Finalist. Title: Corrosion Behavior of Ti15Zr (Roxolid®) Dental Implant Alloy Compared to CpTi and Ti6Al4V Alloys. ACP 2017. San Francisco.
2017. Ghaith Darwis. 2nd Place. ACP Sharry Award. Title: Improving Polymethyl Methacrylate using Novel Nano Ceramic Coating. ACP 2017. San Francisco.
- 2017 Abhijith Segu, Best Innovation in Basic Science Research Award. Title: Development of electrochemical tool for quick and efficient eradication of root canal infection. University of Illinois at Rockford, School of Medicine.
- 2017 Saad S. Alresayes, 2nd Place. Post Graduate Clinical Fellows. Clinical and Behavioral Sciences. UIC-COD Clinic and Research Day. Title: Corrosion Behavior of Ti15Zr (Roxolid®) Dental Implant Alloy Compared to CpTi and Ti6Al4V Alloys
- 2018 Yale Cho. Title: Determining the Perceptibility and Acceptability Threshold of the Relative Translucency Parameter for Porcelain Crowns. American College of Prosthodontists Education Foundation (ACPEF)
- 2018 Laura Koo Min Chee. Title: Effect of Nano Ceramic Coating on Color Acceptability and Perceptibility of Polymethylmethacrylate: In Vitro and Clinical Study. American College of Prosthodontists Education Foundation (ACPEF)
- 2018 Laura Koo Min Chee, Osseointegration Foundation Travel Grant Award Winner. Academy of Osseointegration
- 2018 Ghaith Darwis. 2nd Place. ACP Sharry Award. Title: Improving Polymethyl Methacrylate using Novel Nano Ceramic Coating. American Prosthodontic Society meeting, 2018, Chicago.
- 2019 Laura Koo Min Chee. Title: Color Evaluation of Polymethylmethacrylate with a novel ceramic coating: In vitro and Clinical study. First place for Prosthodontics Resident Table Clinic, Research Category, American Academy of Fixed Prosthodontic Meeting, February 22-23, Chicago.
- 2019 Edward Song. Endodontic resident. Title: Efficacy of Microelectronic Device against Endodontic Biofilm using a Tooth-Model. Basic/Basic Translational Science. Best Resident Fellow. UIC COD Clinic and Research Day.
- 2019 Elizabeth Mansoori. UIC Undergraduate student. Title: Atomic Layer Deposition Technology in Medicine and Dentistry. Best Literature Review. Best Undergraduate. UIC COD Clinic and Research Day.
- 2019 Jun Soo Shin, The Greater New York Academy of Prosthodontics Student Research Grant. Project title: Implant Microbiome Characterization of Cement vs Screw Retained Prosthesis: Randomized Control Trial.
- 2019 Megan Koennecke, The Greater New York Academy of Prosthodontics Student Research Grant. Project title: Bacterial diversity and attachment of silver-coated titanium using ALD technology, in vivo study.
- 2019 James Pizzo, American Academy of Fixed Prosthodontics Student Research Award. Project title: Microbiome Analysis of Biofilms in Patients with Zirconia and Acrylic-Titanium Fixed Complete Denture Prostheses
- 2020 Sarah Hashemiastaneh, Title: Silver Nano Particles Deposited on Collagen Membrane via Atomic Layer Deposition: Characterization and Biocompatibility First Place, Digital Poster for Research Category, American Prosthodontic Society, Chicago, IL
- 2020 Ahmad Watsiq Maula. Title: Edentulism in Aging Population: Study from Indonesia. Best

- Graduate Student for Population Health Sciences Category. UIC, College of Dentistry, Clinical and Research Day.
- 2020 Adam Kwiatkowski. Title: Single-Retainer Cad/Cam Resin Bonded Fxed Partial Denture. Best Dental Student for Case report Category. UIC, College of Dentistry, Clinical and Research Day.
- 2020 Mesk Samara. Title: Saliva as diagnostic tool in smart healthcare. Best Undergraduate Student for Literature Review category. UIC, College of Dentistry, Clinical and Research Day.
- 2020 Sarah Hashemi Astaneh, Title: Thermal atomic layer deposition of thin films on biological Substrates. Award for Graduate Research and the Deiss Award in Biomedical Graduate Research. The Graduate College, UIC.
- 2020 Divya Srinivasan, DMD candidate, Title: Why Your Dentist Wants You To Get The HPV Vaccine. Honorable Mention. Health Literacy Essay Competition, UIC, College of Dentistry.

Patent

1. Wit 3.0, a novel gene to control soft tissue wound healing. I Nishimura, C Sukotjo, US Patent 7,365,175
2. Biofunctionalization of Collagen Membrane with Thin Film of TiO₂ Deposited Using Atomic Layer Deposition Technique to Accelerate Bone Formation Process. Cortino Sukotjo, Arghya Bishal and Christos Takoudis. US Provisional Patent Application No. 62/686,238
3. An Electrochemical System, Method and Device for Eradication of Bacterial Infection in Dental Procedures. Cortino Sukotjo, Mathew Mathew and Qian Xie. US Provisional Patent Application will be submitted by UIC OTM.

Selected peer-reviewed publications (in chronological order)

No	Year	Publications.
1	2000	Reichenberger E, Baur S, Sukotjo C, Olsen BR, Karimbux NY, Nishimura I. Collagen XII mutation disrupts matrix structure of periodontal ligament and skin. <i>Journal of dental research</i> . 2000 Dec;79(12):1962-8.
2	2002	Ogawa T, Ozawa S, Shih JH, Ryu KH, Sukotjo C, Yang JM, Nishimura I. Biomechanical evaluation of osseous implants having different surface topographies in rats. <i>Journal of dental research</i> . 2000 Nov;79(11):1857-63.
3	2002	Ozawa S, Ogawa T, Iida K, Sukotjo C, Hasegawa H, Nishimura RD, Nishimura I. Ovariectomy hinders the early stage of bone-implant integration: histomorphometric, biomechanical, and molecular analyses. <i>Bone</i> . 2002 Jan 1;30(1):137-43.
4	2002	Sukotjo C, Abanmy AA, Ogawa T, Nishimura I. Molecular cloning of wound inducible transcript (wit 3.0) differentially expressed in edentulous oral mucosa undergoing tooth extraction wound-healing. <i>Journal of dental research</i> . 2002 Apr;81(4):229-35.
5	2002	Ogawa T, Sukotjo C, Nishimura I. Modulated bone matrix-related gene expression is associated with differences in interfacial strength of different implant surface roughness. <i>Journal of Prosthodontics</i> . 2002 Dec;11(4):241-7.
6	2003	Eilber KS, Sukotjo C, Raz S, Nishimura I. Alteration of collagen three-dimensional architecture in noncompliant human urinary bladder. <i>Adv Exp Med Biol</i> . 2003;539(Pt B):791-801.
7	2003	Sukotjo C, Lin A, Song K, Ogawa T, Wu B, Nishimura I. Oral fibroblast expression of wound-inducible transcript 3.0 (wit3. 0) accelerates the collagen gel contraction in vitro. <i>Journal of Biological Chemistry</i> . 2003 Dec 19;278(51):51527-34.

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 56. Amy Au, Sweetu Patel, Tolou Shokuhfar and **Cortino Sukotjo**. Project title: A Novel Silver-Embedded Titania Nanotubular Implant Surface. American College of Prosthodontists annual meeting, Orlando, Florida. 2015
 57. Craig Sikora, Mathew Mathew and **Cortino Sukotjo**. Project title: Wear and Corrosion at the Titanium-Zirconia Implant Abutment Interface. ACP 2015 annual meeting, Orlando, Florida.
 58. Jeri McCombs, **Cortino Sukotjo** and Judy Chia-Chun Yuan. Title. Utilizing Digital Workflow to Restore Single Tooth Implants in a Pre-Doctoral Setting. American College of Prosthodontists annual meeting, Orlando, Florida. 2015
 59. Uvoh Onoriobe, **Cortino Sukotjo**, Judy Chia-Chun Yuan and Linda Kaste. Title: Assessing the Impact of Limiting Adult Dental Medicaid Benefits on Prosthodontic Procedures Completed at the UIC COD Predoctoral Clinic. American College of Prosthodontists annual meeting, Orlando, Florida. 2015
 60. Isabella Marques, Mathew Mathew, **Cortino Sukotjo** and Valentim Barao. Title: Biomimetic coatings enhance cellular responses and tribocorrosion behavior of cpTi surfaces. International Association of Dental Research, Brazilian Section, September 2015.
 61. Bhavani Pate, **Cortino Sukotjo** and Mathew Mathew. University of Illinois College of Medicine at Rockford. Project title: Electrochemical and Tribocorrosive Behavior of Ultra Nanocrystalline Diamond for Biomedical Applications. 2015
 62. Virginia Hogsett, **Cortino Sukotjo** and Fatemeh Afshari. Title: A Prosthetic Approach for Class III Malocclusion Utilizing Fixed Complete Denture Therapy. American Academy for Fixed Prosthodontics Annual Meeting. 2015
 63. Isabella Marques, Maria Fernanda, Mathew Mathew, Valentim Barao and **Cortino Sukotjo**. Title: Surface characterization and corrosion behavior of bioactive coatings on cp-Ti surface for dental applications. American Prosthodontics Society Annual Meeting. 2015.
 64. Maria Fernanda, Isabella Marques, Mathew Mathew, Valentim Barao and **Cortino Sukotjo**. Title: Fretting corrosion behavior of Ti6Al4V dental implant alloy: The role of fretting frequencies. American Prosthodontics Society Annual Meeting. 2015.
 65. Isabella Marques, Maria Fernanda, Mathew Mathew, Valentim Barao and **Cortino Sukotjo**. Title: Bioactive Coatings Produced by Microarc Oxidation: Characterization and Tribocorrosion Behavior. IADR Boston, MA, 2015.
 66. Natalie Baker, Tolou Shokuhfar, **Cortino Sukotjo**. American Prosthodontics Society. Annual Meeting, Chicago, IL. Title: Characterization and Biocompatibility of Transparent Nanotubes on Hybrid TiZrO₂, February 2015
 67. Craig Sikora, Mathew Mathew and **Cortino Sukotjo**. Title: Wear and Corrosion at the titania zirconia implant abutment interfaces. American College of Prosthodontists annual meeting, San Diego, October 5-8, 2016.
 68. Virginia Hogsett, **Cortino Sukotjo** and Fatemeh Afshari. Title: Prosthetic Complications of Implant-Supported full arch prostheses: A comparison. American College of Prosthodontists annual meeting, San Diego, October 5-8, 2016
 69. Alec Zuric, Mathew Mathew, **Cortino Sukotjo**. Title: The Wear Characteristics and Volume Loss of Different CAD/CAM Materials, American College of Prosthodontists annual meeting, San Diego, October 5-8, 2016.
 70. Uvoh Onoriobe, **Cortino Sukotjo**, Judy Chia-Chun Yuan and Linda Kaste. Title: Limited Adult Dental Medicaid Benefits Impact on Receipt of Prosthodontic Procedures. UIC-COD Clinic and Research Day, 2016.
 71. Jeri McCombs, **Cortino Sukotjo** and Judy Chia-Chun Yuan. Title: Utilizing Digital workflow to

- restore single tooth implants in a predoctoral setting. UIC-COD Clinic and Research Day, 2016
72. Virginia Hogsett, **Cortino Sukotjo** and Fatemah Afshari. Title: Prosthetic Complications of Implant-Supported full arch prostheses: A comparison. UIC-COD Clinic and Research Day, 2016.
 73. Craig Sikora, Mathew Mathew and **Cortino Sukotjo**. Wear and Corrosion at the titanium-zirconia implant abutment interfaces, American Prosthodontic Society Meeting, February 25-26, Chicago.
 74. Craig Sikora, Mathew Mathew and **Cortino Sukotjo**. Wear and Corrosion at the titanium-zirconia implant abutment interfaces, American Academy of Fixed Prosthodontic Meeting, February 26-27, 2016. Chicago.
 75. Sweetu Patel, **Cortino Sukotjo**, Mathew Mathew, Tolou Shokuhfar, VitaminD-eluting Titania nanotubes (VD-TNTs) American Prosthodontic Society Meeting, February 25-26, 2016. Chicago.
 76. Saad S. Alresayes, Judy Chia-Chun Yuan, Mathew Mathew and **Cortino Sukotjo**. Title: Corrosion Behavior of Ti15Zr (Roxolid®) Dental Implant Alloy Compared to CpTi and Ti6Al4V Alloys. American College of Prosthodontists annual meeting. 2017. San Francisco.
 77. Ghaith Darwis, **Cortino Sukotjo**, Christos Takoudis and Bin Yang. Title: Improving Polymethyl Methacrylate using Novel Nano Ceramic Coating. American College of Prosthodontists annual meeting. 2017. San Francisco.
 78. Abhijith Segu, **Cortino Sukotjo** and Mathew Mathew. 2018. Title: Development of electrochemical tool for quick and efficient eradication of root canal infection. University of Illinois at Rockford, School of Medicine.
 79. Saad S. Alresayes, Judy Chia-Chun Yuan, Mathew Mathew and **Cortino Sukotjo**. Title: Corrosion Behavior of Ti15Zr (Roxolid®) Dental Implant Alloy Compared to CpTi and Ti6Al4V Alloys. UIC-COD Clinic and Research Day. 2018.
 80. Ghaith Darwis, **Cortino Sukotjo**, Christos Takoudis and Bin Yang 2nd Place. Title: Improving Polymethyl Methacrylate using Novel Nano Ceramic Coating. American Prosthodontic Society meeting, 2018, Chicago.
 81. Laura Koo Min Chee, Judy Chi Chun Yuan, Alvin Wee, **Cortino Sukotjo**. Title: Color Evaluation of Polymethylmethacrylate with a novel ceramic coating: In vitro and Clinical study. American Academy of Fixed Prosthodontic Meeting, February 22-23, 2019. Chicago.
 82. Edward Song, Mathew Mathew, **Cortino Sukotjo** and Xie Qian. Endodontic resident. Title: Efficacy of Microelectronic Device against Endodontic Biofilm using a Tooth-Model. Basic/Basic Translational Science. UIC COD Clinic and Research Day. 2019.
 83. Elizabeth Mansoori, Christos Takoudis and **Cortino Sukotjo**. UIC Undergraduate student. Title: Atomic Layer Deposition Technology in Medicine and Dentistry. UIC COD Clinic and Research Day. 2019.
 84. Sarah Hashemi Astaneh, **Cortino Sukotjo**, Christos Takoudis. Title: Atomic Layer Deposition of Silver Thin Film on Polydimethylsiloxane (PDMS). Advanced Surface Engineering Division. Abstract # 93. AVS 66th International Symposium & Exhibition, October 20, 2019
 85. Sarah Hashemi Astaneh, **Cortino Sukotjo**, Christos Takoudis. Title: Nucleation and Growth of Titanium Dioxide Thin Film on Polydimethylsiloxane By Atomic Layer Deposition (ALD), 2019 AIChE Annual Meeting in Orlando, FL.
 86. Yale Cho, Judy C. Yuan, Alvin Wee, **Cortino Sukotjo**. Title: The perceptibility and acceptability threshold of the translucency parameter for porcelain crowns. 2020 American Academy of Fixed Prosthodontics Meeting. Chicago, IL. Abstract #60
 87. Mesk Samara, Christine Lee c, Amit Trivedi, Qian Xie, Russel Pesavento, **Cortino Sukotjo**, Mathew Mathew. Title: Saliva as a Diagnostic Tool in Smart Healthcare. Abstract #430. UIC COD Clinic and Research Day. 2020
 88. Sarah Hashemi Astaneh, **Cortino Sukotjo**, Christos G. Takoudis c. Collagen Membrane with Silver Particulated Thin Film via ald Functionalization. Abstract #444. UIC COD Clinic and Research Day. 2020
 89. Elizabeth Mansoori, **Cortino Sukotjo**, Mathew Mathew. Title: Wear Characteristics and Volume Loss of Cad/Cam Ceramics in Dentistry. Abstract #510. UIC COD Clinic and Research Day. 2020

90. Adam Kwiatkowski, Alexandira Reale Reyes, **Cortino Sukotjo**, Alexandra Rodriguez, Daisy Salazar. Title: Single-retainer Cad/Cam Resin Bonded Fxed Partial Denture. Abstract #512. UIC COD Clinic and Research Day. 2020
91. Yale Cho, Judy Yuan, Alvin Wee, **Cortino Sukotjo**. Title: Perceptibility/acceptability Threshold of the Translucency Parameter for Porcelain Crowns. Abstract #514. UIC COD Clinic and Research Day. 2020
92. Rezkalla ME, Lee C, Meris S, Christos Takoudis, **Cortino Sukotjo**, Mathew Mathew Title: Surface Coatings/modifications for Dental Implants. Abstract #533. UIC COD Clinic and Research Day. 2020
93. Ahmad Watsiq Maula, Mustika Arini, Judy Yuan, **Cortino Sukotjo**. Title: Edentulism in Aging Population: Study from Indonesia. Abstract #579. UIC COD Clinic and Research Day. 2020
94. Mustika Arini, Ahmad Watsiq Maula, Judy Yuan, **Cortino Sukotjo**. Title: Impact of Social Determinants and Medical Conditions on Edentulism in Indonesia's Aging Population. American Prosthodontic Society Meeting. Chicago, IL, 2020.
95. Sarah Hashemiastaneh, Christos Takoudis and **Cortino Sukotjo**. Title: Silver Nano Particles Deposited on Collagen Membrane via Atomic Layer Deposition: Characterization and Biocompatibility. American Prosthodontic Society, Chicago, IL, 2020.
96. Ellie Park, Rosemay Seelaus and **Cortino Sukotjo**. Title: Efficacy of Disinfectants on Silicone Maxillofacial Prostheses: A Systematic Review. The student poster session, American College of Prosthodontists Annual meeting, Online Meeting. 2020
97. Stephanie Schreiber, Judy Chia-Chun Yuan, Markus Santoso and **Cortino Sukotjo**. Title: Virtual Reality Program of Dental Implant Surgery: Student Perception The student poster session, 2020 American College of Prosthodontists Annual meeting, Online Meeting. 2020
98. Ellie Park, Rosemay Seelaus and **Cortino Sukotjo**. Title: Efficacy of Disinfectants on Silicone Maxillofacial Prostheses: A Systematic Review. Student poster session (PO-030), American Dental Education Association Annual meeting, Online Meeting. 2021
99. Stephanie Schreiber, Judy Chia-Chun Yuan, Markus Santoso and **Cortino Sukotjo**. Title: Virtual Reality Program of Dental Implant Surgery: Student Perception. Student poster session (PO-064), 2020 American Dental Education Association Annual meeting, Online Meeting. 2021
100. Obed Timotius, Ariyanti Rezeki, **Cortino Sukotjo**, Nina Ariani. Title: High Perceived Stress in Dental Specialty Programs, One Institution Experience. Student poster session (PO-038), 2020 American Dental Education Association Annual meeting, Online Meeting. 2021
101. Mostafa Alhamad, Valentim Barao, **Cortino Sukotjo** and Mathew Mathew. Title: Variations in Dental Implant Electrochemical Behavior in the Presence of Ti-ions and Ti-particles: A Pilot Study. Society For Biomaterials 2021 Annual Meeting. April 20 – 23, 2021.

Scholarly Presentations:

1. Sukotjo, C., Eilber, K., Ozawa, S., Ogawa, T., and Nishimura, I. Three-dimensional Analysis of Collagen Fiber Architecture Organized by Fibroblasts, in vitro. Presented at the Poster Presentation IADR 1999 Meeting, Van Couver, Canada.
2. Sukotjo, C., Ogawa, T., S. Ozawa, S. and Nishimura, I. Molecular Cloning and Characterization of A Novel Gene Derived from Edentulous Oral Mucosa. Presented at the Arthur R. Frechette Award Competition at IADR 2000 Meeting, Washington DC, USA.
3. Sukotjo, C., Ogawa, T., Ozawa, S. and Nishimura, I. Characterization of A Novel Gene Derived from Edentulous Oral Mucosa. Presented at the Maxillofacial Prosthetics in the 21st Century. American Academy of Maxillofacial Prosthetics, November 2000, Kauai, Hawaii, USA.
4. Sukotjo, C., Song, K., Huang, T., Ogawa, T., and Nishimura, I. Wit 3.0, A Novel Gene Differentially Expressed in Oral Mucosa Wound Healing, Facilitating Oral Mucosa Wound Contraction. 2nd Annual Southern California Wound Healing Symposium. March 29, 2002. Keck School of Medicine, University of Southern California.
5. Sukotjo, C. Osteoclastic Phenotypic Characterization on Different Titanium Implant Surface Topographies, a Preliminary Report. Academy of Osseointegration, San Antonio, Texas, 2007.

6. Sukotjo, C. Problem-based Learning at the Harvard School of Dental Medicine: Self-assessment on Performances in Postdoctoral Training. Department of Medical Education. College of Medicine. UIC. Feb 11, 2009.
7. University of Indonesia, Faculty of Dentistry, KPPIKG, 2009: Multidisciplinary Approach for Complex Implant Cases.
8. Sukotjo, C. Implication of Bio-Corrosion in Dentistry. ICMCTF 2010, San Diego, May 2010
9. University of Gajah Mada, Faculty of Dentistry, Jogjakarta, 2010: Multidisciplinary Approach for Complex Implant Cases.
10. September 2011, University of Estadual Paulista (UNESP)- Aracatuba Dental School. Implant Dentistry @UIC, from Curriculum to Clinical and Basic Sciences Research
11. University of Airlangga, Faculty of Dentistry, Surabaya, November 2011: Dental Treatment, from simple to complex cases.
12. Sukotjo. Health Professional Education Quality International Conference (HPEQ) Dec 5-6th, 2011, Bali, Indonesia. Keynote speaker: "Dental Implant Treatment for partially and fully edentulous patient"
13. Invited speaker. Title: How to write and publish a scientific paper. University of Padjadjaran Bandung, December 9th, 2011.
14. Sukotjo, C. Corrosion: Myth or Fact? Academy of Prosthodontics. May 20th. Jackson Hole, Wyoming, 2012
15. Sukotjo, C. Current Research Trends in Implant Dentistry. Research Experiences for Undergraduates (REU). Engineering Research Facility. July 26th 2012. UIC-NSF.
16. Sukotjo, C. Current Research Trends in Implant Dentistry. Michigan Technological University. December 6th, 2012. ITI study club, Jakarta, Indonesia.
17. Implant Dentistry @UIC, from Curriculum to Clinical and Basic Sciences Research. National University of Singapore. November 7th, 2012. Singapore.
18. Implant Dentistry @UIC, from Curriculum to Clinical and Basic Sciences Research. University of Hongkong, February, 2013. Hongkong.
19. Implant Mandibular Overdenture by Using Locator Abutment. November 10th, 2012. ITI study club, Jakarta, Indonesia.
20. Current Trend in Implant Dentistry: Mandibular Overdenture. November 7th, 2012 ITI study club, Singapore, Singapore.
21. UIC-College of Dentistry. "Promoting Educational Research at UIC, March 12, 2014.
22. Invited speaker. February 21st, 2014. "Inter-professional Education workshop", The 3rd Dental Technology Exhibition and Meeting, Integrating Science Technology and Culture. University of Brawijaya, Faculty of Dentistry, Indonesia
23. Keynote speaker. February 22nd, 2014. "Dental Implant treatment for simple and complex cases", The 3rd Dental Technology Exhibition and Meeting, Integrating Science Technology and Culture. Faculty of Dentistry, University of Brawijaya, Indonesia
24. Invited speaker. February 26th, 2014. "Dental Implant treatment for simple and complex cases", Faculty of Dentistry, University of Brawijaya, Indonesia
25. Invited speaker. March 4th, 2014. "Inter-professional Education workshop", Faculty of Dentistry, University of Padjadjaran, Indonesia,
26. Invited Speaker, "Implant Dentistry @UIC, from Curriculum to Clinical and Basic Sciences Research ", April 2, 2014. University of Campinas, Piracicaba Dental School, Sao Paulo, Brazil. Invite
27. Invited Speaker, "Current Implant Research at UIC-COD", April 3, 2014. University of Campinas, Piracicaba Dental School, Sao Paulo, Brazil.
28. Main and Invited Speaker, Encontro Do Group Brasileiro De Reciclagem Em Protese E Implante, Brazil, April 5th, 2014. Title: "Dental Education in the US, from Predoc to AEP, AAMP, ACP and ABP"
29. Invited Speaker. April 7th, 2014. Title: "Current Trends in Implant Research". School of Science, UNESP, Campus de Bauru, Brazil.
30. Invited Speaker, Title: "Implant Dentistry @UIC, from Curriculum to Clinical and Basic Sciences Research ". April 30th, 2014. Ribeirao Preto School of Dentistry – University of Sao Paulo. Brazil.

31. Invited speaker. December 13th, 2014. "Dental Implant treatment for simple and complex cases". University of Jenderal Achmad Yani, Cimahi, Indonesia.
32. Invited speaker. December 15th, 2014. "How to write and article and get published in International Journal". Faculty of Dentistry, University of Brawijaya, Indonesia.
33. Invited speaker. December 16^h, 2014. "The use of Nanotechnology in Medicine and Dentistry". Faculty of Dentistry, University of Brawijaya, Indonesia.
34. Invited speaker for AADR NSRG Hands-on Workshop. "Leaders in Dental Specialty". March 14th, 2015. 2015 IADR, Boston, Massachusetts.
35. Speaker for Short Talks of ADEA Teaching and Learning with Emerging Technologies and Informatics. Title: Integrating of Cad Cam Technology into Implant Predoctoral Curriculum. March 8th, 2015. 2015 ADEA Annual Session and Exhibition.
36. Invited Speaker, "How to Publish Article in International Journal ", September 16, 2015. Faculty of Dentistry, University of Padjadjaran, Bandung, Indonesia.
37. Invited Speaker, "Prosthodontics Treatment in the USA", September 18, 2015. Department of Prosthodontic. Faculty of Dentistry, University of Padjadjaran, Bandung, Indonesia.
38. Invited Speaker, "How to Study Abroad", September 19, 2015. Faculty of Dentistry, University of Padjadjaran, Bandung, Indonesia.
39. Invited Speaker, "Cambra and Prosthodontic Treatment", September 19, 2015. Faculty of Dentistry, University of Padjadjaran, Bandung, Indonesia.
40. Invited Speaker, "ALD TiO₂ Coated Dentin induces Ca-P Nucleation", September 29, 2015. University of Campinas, Piracicaba Dental School, Sao Paulo, Brazil.
41. UIC-COD, Research Journal Club Series: "Problem-Based Learning in Dental Education: A Systematic Review of the Literature". March 15th, 2016
42. UIC-COD, Faculty Research Seminar Series: "Dental Implant Corrosion, Myth or Fact", April 5th, 2016
43. Academy of Prosthodontics. Title: Enhanced Performance of Collagen Fiber Functionalized with Room Temperature Atomic Layer Deposited Titania. Sarasota, Florida, 2017
44. Invited Speaker. Title: Digital curriculum in Predoctoral Implant Program at UIC. Brazilian Division of IADR (sbppo) annual congress, 2018
45. Invited Speaker, Title: Complication in Implant Dentistry. The 5th International Scientific Seminar in Periodontics. Medan, Indonesia. October 19-20, 2018
46. Invited Speaker. Title: University of Indonesia and UIC collaboration. Faculty of Dentistry, University of Indonesia, July 8th, 2019
47. Workshop leader. Title: How to write a scientific paper. Faculty of Dentistry, University of Indonesia, July 9th, 2019
48. Invited Speaker. Title: How to continue your study abroad. Faculty of Dentistry, University of Indonesia, July 10th, 2019
49. Workshop leader. Title: Leadership and Organization. Faculty of Dentistry, University of Indonesia, July 11th, 2019
50. Invited Speaker, Howard Brown Dental Clinic, Chicago, IL. Title: Predoctoral Implant Program at UIC-COD, how can we collaborate? June 17th, 2019
51. Invited Speaker, The 4th Periodontic Seminar. Periodontics in Millennial Era, Title: Advancement in Implant Dentistry, Surabaya, Indonesia. August 24-25, 2019.
52. Invited Speaker, Title: Interprofessional Education at UIC-College of Dentistry. The 4th International Conference on Global Health, Jakarta, Indonesia. September 27th, 2019
53. Invited Speaker, Title: Implant Treatment Competency in Advanced Prosthodontics Program at UIC. KPPIKG, Faculty of Dentistry, University of Indonesia, October 10th, 2019
54. Webinar, Invited Speaker, Title: Predoctoral Implant at UIC, Clinic and Research. Ataturk University, Faculty of Dentistry, Turkey. May 15th, 2020
55. Webinar, Invited Speaker, Title: Dental Practice Post-Covid 19. Nigerian Dental Association. May 16th, 2020
56. Webinar, Invited Speaker, Title: Dental Practice Post-Covid 19. Indonesian Dentist Association. Indonesia. May 17th, 2020

57. Webinar, Invited Speaker, Title: Tips for Success in Virtual Dental Education Training during Pandemic Covid 19. Indonesia Dental Faculty Association. May 18th, 2020
58. Webinar, Invited Speaker, Title: Dental Education during Covid 19. Faculty of Dentistry, Padjadjaran University, Bandung, Indonesia. May 19th, 2020
59. Webinar, Invited Speaker, Title: Back to Clinic during Pandemic Covid 19. Faculty of Dentistry, Gadjah Mada University, Jogjakarta, Indonesia. June 8th, 2020
60. Webinar, Invited Speaker, Title: Predoctoral Implant at UIC, Clinic and Research. Christian Dental College, Ludhiana, India. June 9th, 2020
61. Webinar, Invited Speaker, Title: Back to Clinic, UIC approach. Faculdade De Odontologia, UNESP-Aracatuba, Brazil. June 18th, 2020
62. Webinar, Invited Speaker, Title: Back to Clinic, UIC approach. Faculty of Dental Medicine, Universitas Airlangga, Surabaya, Indonesia. June 26th, 2020
63. Webinar, Invited Speaker, Title: Predoctoral Implant at UIC, From Clinic, Research to Virtual Reality. Faculty of Dental Medicine, International Islamic University, Malaysia. July 18th, 2020
64. Webinar, Invited Speaker, Title: Sharing Experiences in Clinical Education during Pandemic Covid 19. Indonesia Dental Faculty Association. July 24th, 2020
65. Webinar, Invited Speaker, Title: Dental Research in the Pandemic: How Could It Be Possible? Telemedicine Program. Kyushu University, Japan. August 5th, 2020.
66. Webinar, Invited Speaker, Title: Updates on Covid 19 for Dental Practitioner. Faculty of Dentistry, Brawijawa University, Indonesia. September 13th, 2020
67. Webinar, Invited Speaker, Title: The Use of Technology in Dental Education During Covid 19. Faculty of Dentistry, Padjadjaran University, Indonesia. September 14th, 2020.
68. Webinar, Invited Speaker, Title: Updates on Covid 19 for Dental Practitioner. Padjadjaran University, Indonesia. September 25th, 2020
69. Webinar, Invited Speaker, Title: Where are we? Virtual and Augmented Reality in Dental Education. American Dental Education Association. October 8th, 2020
70. Webinar, Invited Speaker, Title: Current Advanced Technology used in Dentistry. Faculty of Dentistry, University Andalas, Padang, Indonesia. September 27th, 2020
71. Webinar, Invited Speaker, Title: Where are we? Virtual and Augmented Reality in Dental Education. American College of Prosthodontists, Educators Forum, November 4th, 2020
72. Webinar, Invited Speaker, Title: The Profile of U.S. Prosthodontics Program Directors. American College of Prosthodontists, Educators Forum, November 4th, 2020
73. Webinar, Invited Speaker, Title: Current Update on Digital Dentistry. Faculty of Dentistry, University of Sumatra Utara, Medan, Indonesia. November 6th, 2020
74. Webinar, Invited Speaker, Title: Current Update on Digital Dentistry. Faculty of Dentistry, University of Sumatra Utara, Medan, Indonesia. November 6th, 2020
75. Webinar, Invited Speaker, Title: Cad Cam Dentistry. Faculty of Dentistry, Padjadjaran University, Bandung, Indonesia. November 9th, 2020
76. Webinar, Invited Speaker, Title: Updates on Covid 19 for Dental Practice. Dentistry in Current Life Conference, Mulawarman University, Kalimantan Timur, Indonesia. November 12th, 2020
77. Webinar, Invited Speaker, Title: Updates on Covid 19 for Dental Practice. International Dental Conference of Sumatra Utara, Medan, Indonesia. November 17th, 2020
78. Webinar, Invited Speaker, Title: Cad Cam Dentistry. Faculty of Dentistry, University of Indonesia, Jakarta, Indonesia. November 21th, 2020
79. Webinar, Invited Speaker, Title: Predoctoral Implant Program at UIC. World Class Professor Program. Faculty of Dentistry, University of Sumatra Utara, Medan, Indonesia. November 24th, 2020
80. Webinar, Invited Speaker, Title: Dental Implant Research. World Class Professor Program. Faculty of Dentistry, University of Sumatra Utara, Medan, Indonesia. December 1st, 2020
81. Webinar, Invited Speaker, Title: The Use of Technology in Dental Education During Covid 19. Faculty of Dentistry, Brawijawa University, Malang, Indonesia. December 5th, 2020.
82. Webinar, Invited Speaker, Title: The Use of AR and VR in Dental Education. World Class Professor Program. Faculty of Dentistry, University of Sumatra Utara, Medan, Indonesia. December 8th, 2020

83. Webinar, Invited Speaker, Title: Introduction about Dental Implant. Aceh International Conference in Dentistry. Faculty of Dentistry, University of Syiah Kuala, Aceh, Indonesia. December 12th, 2020.
84. Webinar, Invited Speaker, Title: How to Prepare Your Academic Career. World Class Professor Program. Faculty of Dentistry, University of Sumatra Utara, Medan, Indonesia. December 14th, 2020
85. Webinar, Invited Speaker, Title: The Use of AR and VR in Dental Education. School of Dentistry, University of Minnesota. December 18th, 2020
86. Webinar, Invited Speaker, Title: VR and AR in Dental Education. Are We There Yet? International Association of Dental Student. January 23rd, 2021
87. Webinar, Invited Speaker, Title: Implant Components and Impression Technique. School of Dentistry, University of Benin, Nigeria. February 12th, 2021
88. Webinar, Invited Speaker, Title: DMD and Predoctoral Implant Curriculum at UIC College of Dentistry. Faculty of Dentistry, University of Indonesia, Indonesia. February 16th, 2021
89. Webinar, Invited Speaker, Title: Introduction about Dental Implant. Faculty of Dentistry, University of Indonesia, Jakarta, Indonesia. February 22th, 2021
90. Webinar, Invited Speaker, Title: Future and Challenge of Dental Education. Faculty of Dentistry, University of Gadjah Mada, Jogjakarta, Indonesia. March 4th, 2021
91. Webinar, Invited Speaker, Title: Dental Implant Corrosion Research. Ewha Womans University, Graduate School of Clinical Dentistry. Department of Perio-Prosthodontics. Seoul, South Korea. March 5th, 2021
92. Webinar, Invited Speaker, Title: Implant Complications. Faculty of Dentistry, University of Indonesia, Jakarta, Indonesia. March 12th, 2021
93. Webinar, Invited Speaker, Title: Updates on the use of AR/VR in dentistry/dental education. ADEA Section on Prosthodontics Members Forum. March 12th, 2021
94. Webinar, Invited Speaker, Title: The Development of Virtual Dental Standardized Patient (VDSP) to Improve History Taking and Communication Skills. ADEA Teaching & Learning with Emerging Technologies & Informatics Section: Short Talks 2021. March 16th, 2021
95. Webinar, Invited Speaker, Title: Dental Implant Research. Mid-Year meeting. International Association of Dental Student. April 12th, 2021
96. Webinar, Invited Speaker, Title: Cad Cam Dentistry. Faculty of Dentistry, University of Airlangga, Surabaya, Indonesia. April 17th, 2021
97. Webinar, Invited Speaker, Title: The use of AR and VR in Dentistry. Bahçeşehir University School of Dental Medicine, Istanbul, Turkey. April 16th, 2021
98. Webinar, Invited Speaker, Title: Dental Education During Covid 19: US Experience. Dental Students' Scientific Conference (DSSC). Faculty of Dental Medicine, International Islamic University, Malaysia. April 27th, 2021
99. Webinar, Invited Speaker, Title: Virtual Reality in Dentistry, Are We There Yet? Digital Grand Rounds: Augmented Reality, Virtual Reality, and Wearable Technology in Dentistry. University of Minnesota, School of Dentistry. March 12, 2022.

Grants

No		Status
1	Title: The role of Osteoclast in Implant Osseointegration	Funded, Completed
	Grant Source: Milton Research Award, Harvard Medical School	
	Grant Amount: \$15,000	
	Grant Period: 2006-2007	
	Role: PI	
2.	Title: The Role of Nicotine in Implant Endodontic Lesion Formation	Funded, Completed
	Grant Source: Krakow Harvard/Forsyth Endowed Endodontic Research Fund	
	Grant Amount: \$2500	
	Grant Period: 2007-2008	
	Role: Primary Mentor	
	PI: Kuan-Liang Chen DDS and David Baker (DMD HSDM Class of 2008).	
3.	Title: The Role of Nicotine in Implant Osseointegration	Funded, Completed
	Grant Source: American Academy of Implant Dentistry	
	Grant Amount: \$2500	
	Grant Period: 2007-2008	
	Role: Primary Mentor	
	PI: Joel Berleh (DMD student, HSDM)	
4.	Title: Resident Selection in Advanced Graduate Program in Prosthodontics	Funded, Completed
	Grant Source: The Greater New York Academy of Prosthodontics student research	
	Grant Amount: \$1000	
	Grant Period: 2007-2008	
	Role: Primary Mentor	
	PI: Ryan D. Blissett (AGE in Prosthodontics Resident, HSDM)	
5.	Title: Recall Program in Advanced Graduate Program in Prosthodontics	Funded, Completed
	Grant Source: The Greater New York Academy of Prosthodontics student research	
	Grant Amount: \$1000	
	Grant Period: 2009-2010	
	Role: Primary Mentor	
	PI: Fatemeh Afshari (AGE in Prosthodontics Resident, UIC)	
6.	Title: Convergent Tissue Engineering for Craniofacial Tissue Regeneration	Not Funded
	Grant Source: National Institute of Health (RO3)	
	Grant Amount: \$150,000	
	Grant Period: 2009-2011	
	Role: Co-Principal Investigator	

7.	Title: In Vitro Analysis of Corrosion of Titanium and the Effects on Human Gingival Fibroblasts	Funded, Completed
	Grant Source: American Academy of Fixed Prosthodontics Tylman Research Program	
	Grant Amount: \$4,000	
	Grant Period: 2010-2011	
	Role: Primary Mentor	
	PI: Sahand Zomorrodian (UIC prosthodontics resident)	
8.	Title: Superhydrophilic Implant Surfaces	Funded, Completed
	Grant Source: American College of Prosthodontics	
	Grant Amount: \$10,000	
	Grant Period: 2011-2012	
	Role: Principal Investigator	
9.	Title: A Novel Investigation of the Formation of TiO ₂ Nanotubes of Ti-6Al-4V formed by Atomic Layer Deposition	Funded, Completed
	Grant Source: IADR Prosthodontic Research student Fellowship	
	Grant Amount: \$4,500	
	Grant Period: 2012-2014	
	Role: Primary Mentor	
	PI: Arman Butt (Ph.D Student BioEngineering, UIC)	
10.	Title: Degradation Pathways of the TMJ implant: Wear and Corrosion Interactions	Not Funded
	Grant Source: National Institute of Health (R21)	
	Grant Amount: \$275,000	
	Grant Period: 2017-2019	
	Role: Principal Investigator	
11.	Title: A Novel Investigation of the Formation of TiO ₂ Nanotubes on Thermally Formed Oxide of Ti-6Al-4V	Funded, Completed
	Grant Source: American Academy of Implant Dentistry	
	Grant Amount: \$2,500	
	Grant Period: 2012-2013	
	Role: Primary Mentor	
	PI: Arman Butt (Ph.D Student BioEngineering, UIC)	
12.	Title: Drug-Eluting Bone-Healing Titania Nanotube-Based Implants	Not Funded
	Grant Source: National Institute of Health (R21)	
	Grant Amount: \$275,000	
	Grant Period: 2013-2015	
	Role: Co-Principal Investigator	
13.	Title: Tribocorrosion analysis of material used for TMJ implant	Funded, Completed
	Grant Source: Oral and Maxillofacial Surgery Foundation	
	Grant Amount: \$75,000	
	Grant Period: 2014-2015	
	Role: Principal Investigator	
14.	Title: Correlation between diagnostic complexity and treatment	Funded, Completed

	outcomes: a prospective study	
	Grant Source: UIC Wach Fund	
	Grant Amount: \$15,000	
	Grant Period: 2014-2015	
	Role: Co-Principal Investigator	
15.	Title: Center for Interfacial Science of Transition-Metal Electro-Catalysis and Tissue Mimetics (CISTEM)	Not Funded
	Grant Source: National Science Foundation	
	Grant Amount: \$2,000,000	
	Grant Period: 2017-2022	
	Role: Co-Principal Investigator	
16.	Title: Multifunctional and Biocompatible Low Temperature ALD-TiO ₂ Coating for Dental Caries	Not Funded
	Grant Source: National Institute of Health (R21)	
	Grant Amount: \$200,000	
	Grant Period: 2017-2019	
	Role: Co-Principal Investigator	
17.	Title: Enhanced Performance of Collagen Fiber Functionalized with Room Temperature Atomic Layer Deposited Titania	Not Funded
	Grant Source: National Institute of Health (R21)	
	Grant Amount: \$270,000	
	Grant Period: 2018-2020	
	Role: Principal Investigator	
18.	Title: Implant-supported mandibular overdentures as the first choice of treatment for underserved patients	Funded
	Grant Source: Chicago Dental Society	
	Grant Amount: \$5000	
	Grant Period: 2010	
	Role: Principal Investigator	
19.	Title: Effect of Nano Ceramic Coating on Color Acceptability and Perceptibility of Polymethylmethacrylate: In Vitro and Clinical Study	Funded
	Grant Source: American College of Prosthodontics Foundation	
	Grant Amount: \$4,500	
	Grant Period: 2018-2019	
	Role: Principal Investigator	
20.	Title: Determining the Perceptibility and Acceptability Threshold of the Relative Translucency Parameter for Porcelain Crowns	Funded
	Grant Source: American College of Prosthodontics Foundation	
	Grant Amount: \$4,500	
	Grant Period: 2019-2021	
	Role: Principal Investigator	
21.	Title: Bacterial diversity and attachment of silver-coated titanium using ALD technology, in vivo study.	Funded
	Grant Source: The Greater New York Academy of	Funded

	Prosthodontics	
	Grant Amount: \$4,000	
	Grant Period: 2019-2021	
	Role: Principal Investigator	
22.	Title: Implant Microbiome Characterization of Cement vs Screw Retained Prosthesis: Randomized Control Trial.	Funded
	Grant Source: The Greater New York Academy of Prosthodontics	
	Grant Amount: \$4,000	
	Grant Period: 2019-2020	
	Role: Principal Investigator	
23.	Title: Microbiome Analysis of Biofilms in Patients with Zirconia and Acrylic-Titanium Fixed Complete Denture Prostheses	Funded
	Grant Source: American Academy of Fixed Prosthodontics	
	Grant Amount: \$5,000	
	Grant Period: 2019-2020	
	Role: Principal Investigator	
24.	Title: Implant-supported mandibular overdentures as the first choice of treatment for underserved patients	Funded
	Grant Source: Chicago Dental Society	
	Grant Amount: \$5,000	
	Grant Period: 2019-2020	
	Role: Co-Principal Investigator	
25.	Title: Implant supported overdentures as the first choice to improve access to care for senior	Not Funded
	Grant Source: American Dental Association	
	Grant Amount: \$18,500	
	Grant Period: 2020-2021	
	Role: Co-Principal Investigator	
26.	Title: The UIC PIP Commitment: Improving Oral Health through Education, Service and Collaboration	Not Selected
	2020 ADEA Gies Award for Achievement: Academic Dental Institution	
	Role: Principal Investigator	
27	Title: Novel mask functionalization with Cu and Ag atomic layer deposition for real-time antimicrobial and antiviral properties	Submitted
	Grant Source: National Science Foundation	
	Grant Amount: \$208,598	
	Grant Period: 06/01/2021-05/31/2023	
	Role: Co-Principal Investigator	
28	Title: MRI: Acquisition of an Ambient-Pressure X-Ray Photoelectron Spectrometer for Research and Education on Chemical and Electronic Characterization of Solid-Gas Interfaces at UIC	Submitted
	Grant Source: National Science Foundation	

	Grant Amount: \$629,930	
	Grant Period: 06/01/2021-05/31/2023	
	Role: Co- Investigator	