

## CURRICULUM VITAE

**KAREN K. TIWANA, DDS**

### CONTACT INFORMATION

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### EDUCATION

<u>Institution</u>	<u>Degree</u>	<u>Date Conferred</u>	<u>Major</u>
Denver Health Medical Center Denver, Colorado	Certificate	2001	GPR
Northwestern University Chicago, Illinois	DDS	2000	Dentistry
University of Alberta, Edmonton Alberta, Canada	BS	1996	Major: Psychology Minor: Biological Sciences

### Licensure and Certification (all in good standing)

NPI #1831258920  
2014-present NC Dental Licensure by Credentials  
2001–present North Carolina Dentist Privilege License  
2002–2015 Illinois Dental License  
2003–2014 State of North Carolina Instructor’s License  
2001 Central Regional Board Certification

## **PROFESSIONAL EXPERIENCE**

### Academic Appointments

2012 -2014	Clinical Assistant Professor, Department of Operative Dentistry UNC CH, School of Dentistry
2001-2012	Clinical Assistant Professor, Department of Diagnostic Sciences and General Dentistry UNC CH, School of Dentistry
2013-2014	Director, Junior Clinic Group C, UNC SOD
2007-2014	Director Dental Faculty Practice Generalist Group, UNC SOD
2005-2013	Director Dent 124, UNC SOD
2001-2006	Director, Urgent Care Services, UNC SOD

### Hospital Appointments

2000-2001	Denver Health Medical Center
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### Private Dental Practice

2001–2014	UNC Dental Faculty Practice, Chapel Hill, North Carolina
2015-2016	Associate Dentist, Fuller Dental Practice, Burlington, North Carolina
<b>2017-Present</b>	<b>OWNER DENTIST Chatham Dental Arts, Pittsboro, North Carolina</b>

### Other Employment

2014-2015	Reach Out America: 'SMILE', North Carolina Programs
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### Professional Development

2013	Managing Challenging Interactions, UNC Faculty Enrichment
2012	Faculty Development Series: "Clinical Update Series: Radiology Imaging Systems", UNC
2012	AAL Compass Program, Atlanta, GA
2011	Workshop: "Fearless Presentations" The Leader's Institute, Washington, DC
2010	Workshop. Center for Faculty Excellence: "Creating Effective Assignments", UNC
2010	Faculty Enrichment Series: "If Only I Knew Then What I Know Now", UNC
2010	The Academy of Educators UNC School of Medicine: "Team-Based Learning 101", UNC

- 2010 The Academy of Educators UNC School of Medicine:  
“Writing an Effective TBL Module”, UNC  
2010 ADEA/AAL Institute for Teaching and Learning, Chapel Hill, NC

## HONORS AND AWARDS

- 2022 Selected as ‘**TOP DENTIST**’ by peers  
2019 Certificate of Achievement for Completion of the Esthetic Continuum  
**Nash Institute for Dental Learning**  
2014 Teaching Award Class of 2015, UNC Chapel Hill, School of Dentistry  
2011 ADEA Travel Grant Award, UNC Chapel Hill, School of Dentistry  
2010 ENNEAD Appreciation Certificate, UNC Chapel Hill, School of Dentistry  
*ENNEAD is the UNC student chapter of AAPHD*  
**2007 Fellow of the Academy of General Dentistry**  
2007 SHAC Appreciation Certificate, UNC Chapel Hill, School of Dentistry  
*SHAC is the UNC Student Health Action Coalition*  
1999 Dean’s List, Northwestern University Dental School  
1997 Dean’s List, Northwestern University Dental School  
1995 Recognition of Outstanding Community Service  
Misericordia Hospitals, Alberta, Canada  
1992 Rutherford Scholarship, Province of Alberta  
1992 Recognition of Outstanding Community Service, University of Alberta

## BIBLIOGRAPHY

### Books and Book Chapters

Daniel SJ, Harfst SA, Wilder RS. Edited chapters for second edition of Mosby’s Dental Hygiene: Concepts, Cases, and Competencies, 2007:

-Nesbit SP, **Tiwana KK**, Leonard RH. Chapter 12: Comprehensive Health History. 2007. Pages 222-258.

-**Tiwana KK**, Leonard RH, Nesbit SP. Chapter 14: Physical and Extraoral Examination. 2007 Pages 277-290.

### Journal Articles (\*Refereed)

1. **\*PI, Tiwana KK**, Kutcher M, Phillips C, Stein M, Oliver, J. Gender Issues in Clinical Dental Education. *Journal of Dental Education*. 2014; Volume 78, number 3; p.401-410.

2. \*L.W. Boushell, Ritter AV, Garland GE, **Tiwana KK**, Smith LR, Broome A, Leonard RH. "Nightguard Vital Bleaching: Side Effects and Patient Satisfaction 10-17 Years Post-treatment". *Journal of Esthetic and Restorative Dentistry*. Vol 24; No 3; 211-219; 2012.
3. \***PI, Tiwana KK**, Hammersmith KJ, Murrah VA. Urgent Dental Care in the Dental School Setting; Analysis of the Current Environment and Future Challenges. *Journal of Dental Education* 2007; Volume 71, number 3; p.331-337
4. \*Leonard RH, Smith LR, Garland GE, **Tiwana KK**, Zaidel LA, Pugh G, Lin NC. Evaluation of Side Effects and Patients' Perceptions, during Tooth Bleaching; *Journal of Esthetic and Restorative Dentistry*. 2007; 19 (6), 355-364.
5. \***PI, Tiwana KK**, Morton T, Tiwana PS. Aspiration and Ingestion in Dental Practice: A Ten-Year Institutional Review. *Journal of the American Dental Association*. 2004; 135:1287-1291.

#### Journal Abstracts (\*Refereed) and Poster Presentations

1. 2012- Gender Issues in Clinical Dental Education, Poster Presentation at Annual ADEA Session, Orlando, FL. **Tiwana KK**, Kutcher, M., Phillips C., Stein, M., Oliver, J. Funding support for this project came from the ADEAGies Foundation, through ADEA Center for Equity and Diversity \$2000.
2. \*Leonard RH, Ritter AV, Garland GE, **Tiwana KK**, Smith L, Boushell LW, and Broome A. Nightguard Vital Bleaching: Longevity and Side Effects: 10-17 years Post-Treatment. AADR Abstract #832, 2010.
3. 2007-Urgent Dental Care in the Dental School Setting; Analysis of the Current Environment and Future Challenges, Poster Presentation at Annual ADEA session **Tiwana KK**, Hammersmith, K., Murrah, V. New Orleans, Louisiana.
4. 2003-Bonded Systems, Wear Studies, Color, and Bleaching Poster Presentation at Annual AADR/IADR Session. Leonard, R., Garland, G., Smith, L., **Tiwana KK**. San Antonio, Texas. March 2003.

#### Invited Oral Presentation (local, state, national, international)

##### Local and State

2023            How to be an Effective Communicator as a Dental Hygienist  
Guilford Technical Community College  
Jamestown, NC

- 2022            Piecing the Puzzle of Dental Trouble as we Age  
Farrington Cares, Pittsboro, NC
- 2022            How to be an Effective Communicator as a Dental Hygienist  
Guilford Technical Community College  
Jamestown, NC
- 2018            Chatham County Council on Aging: Diabetes and Oral Health  
Pittsboro, NC
- 2013            Cancer Oral Health Update for Physicians and Dentists  
Onslow County Dental Society, Jacksonville, NC
- 2012            AEGD: Current Issues, Future Challenges  
Faculty and staff, UNC Chapel Hill School of Dentistry
- 2012            Prenatal Oral Health Program (POHP). Interdisciplinary project. Served as a  
Consultant on General Dentistry, and was featured in the videos
- 2011            Clinical Instruction across Professions: Common Themes for Teaching and  
Assessment  
Faculty, UNC Chapel Hill School of Dentistry
- 2011            Gender Issues in Clinical Dental Education  
Students section AAWD, UNC Chapel Hill School of Dentistry
- 2008 & 2009    Dental Potpourri  
'Group D' Senior Students, UNC Chapel Hill School of Dentistry
- 2002            Urgent Dental Care for the Family Physician  
Family Practice Medical Residents  
University of North Carolina at Chapel Hill

National and International

- 2013            Gender and Age Issues in Dental Education; Implications on Students and  
Educator's Careers.  
(Funded through the ADEA Council of Sections, \$1925.00)  
ADEA Meeting, Seattle, Washington
- 2001            Case Study: Palatal Pleomorphic Adenoma  
Grand Rounds University of Colorado and DHMC GPR  
Denver Health Medical Center, Denver, Colorado

## TEACHING ACTIVITIES

### Major Teaching and Administrative Responsibilities (Courses)

2013-2014	Clinic Group Director, Junior (20 students)
2012-2013	Attending, Operative Graduate Residents (9 residents)
2010-2013	Course Director Dent 124, Introduction to Oral Diagnosis (80 students)
2007-2014	Director DFP General Dentistry Group
2005-2010	Co-Director Dent 124, Introduction to Oral Diagnosis (80 students)
2001-2014	Attending Faculty, Urgent Care Service (4-8 students) Includes holiday coverage for the SOD
2001-2013	(Previously CCU) Group D Deputy Director, GDC (20 students)
2001-2013	Attending Faculty, Preventive Recall Unit (29 students)
2001-2013	Attending Faculty, Diagnosis and Treatment Planning (4 students)
2001-2013	Attending Faculty, Operative Clinic (8 students)
2001-2014	Attending Faculty, Advanced Education in General Dentistry (6 residents)
2001-2006	Director of Urgent Care Clinic, UNC (80 students)
2001-2006	Attending, UNC Family Practice Residents, Department of Medicine – rotation (6-8 residents)
2001-2003	Attending, GPR Residents; Urgent Care Rotation, UNC (6 residents)

### Predoctoral (DDS) Research Mentoring Projects Supervised

2010-2011	Jessica Oliver-Gender Issues in Clinical Dental Education
2006-2007	Kim Hammersmith-DDS Short-Term Research Fellowship Project; Access- to-Care: UNC SOD Urgent Care Patient Demographics

## PROFESSIONAL SERVICE

2021	North Carolina Dental Society, Focus Group-Diversity and Inclusivity
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### University of North Carolina at Chapel Hill, School of Dentistry

2014	Mid-semester focus group Junior DDS Clinic
2014	DRRD Judge
2013-2014	Academic Performance Committees
2013-2014	General Dentistry Clinic Advisory Board (GDCAB)
2013-2014	Third Year Teaching Committee
2011-2014	Mock Boards Evaluator
2013	Curriculum Review Working Group

2012-2014 Dental Laboratory Committees  
2012-2013 Mid-semester focus group, for Dent 124  
(Course and Teaching Evaluation Task Force)  
2012 Administrative Review (subcommittee): Dr. Lyndon Cooper  
2011 Administrative Review (subcommittee): Dr. Ken May  
2011 Communication Skills Evaluator  
2010 Revision committee for DFP manual  
2010 Search committee for Chair of Dental Ecology  
2010-2013 Administrative Board (nominated and elected)  
2008 Careers in Academic Dentistry Focus Group Leader  
2008 Search Committee for General Dentistry Faculty (two) Positions  
2007-2014 Dental Faculty Practice Board  
2007 Turner Award Judge for Dental Research and Review Day  
2006 Search Committee for Director Risk Management  
2006 Search Committee for Dental Assisting Faculty, Dental Ecology  
2006 Caries Risk Group  
2005-2007 Dental Hygiene Admissions Committee  
2005-2013 First Year Teaching Committee  
2005 Search Committee for General Dentistry Faculty  
2005 Search Committee for Director of Allied Dental Education Programs  
2003 Promotion and Tenure Manual Revision Committee  
2003 Search Committee Dean of Predoctoral Education  
2002-2014 Limited English Proficiency Committee  
2002 Prosthodontics Chair Search Committee  
2001-2006 Clinical Services Committee  
2001 General Practice Resident Selections Committee

University

2004-2007 Faculty Council, University of North Carolina CH (nominated and elected)

Service and engagement activities

2023 NC Baptist Dental Bus, Pittsboro, NC  
2022 Durham Rescue Mission (Women's Shelter), Durham County, NC  
2017 NC Baptist Dental Bus, Moncure, NC  
2015 Allied Church Homeless Shelter Dental Outreach, Alamance County, NC  
2013 Mission of Mercy Clinics, Outer Banks, NC  
2012 Mission of Mercy Clinics, Outer Banks, NC  
2010 Mission of Mercy Clinics, Outer Banks, NC  
2009 Mission of Mercy Clinics, Outer Banks, NC  
2001-2014 SHAC Clinics, UNC School of Dentistry  
2001-2013 Oral Health Screenings for UNC Football Team

### Consultant Positions

2022	Expert Witness: Law Firm Best & Sharp; Tulsa, Oklahoma
2022	Expert Witness: Law Firm Hugh L. Koerner Esq.; Hollywood, Florida
2018	Expert Witness: Law Firm Sherwood, McCormick & Robert; Tulsa, Oklahoma
2011-2013	Expert Witness: Law firm Metcalfe & McLain; Sarasota, Florida
2004-2005	Expert Witness: Law Firm Speckhals & Cora; Atlanta, GA

### Peer review journals and editorial boards

2005	The Angle Orthodontist
2004	Journal of Dental Education
2014	Journal of Oral Health and Dental Management

### Articles for Journal/Magazines-Media

2022	DentalAssistantedu.org; '40 Dentists Share the Best Qualities of Dental Assistants'
2021	Chatham Magazine; 'Say Cheese'
2011	DrBicuspid.com; 'Do Dentists Underreport Inhalation of Ortho Objects?'

### Society Memberships

2017-Present	Chatham County Dental Society
2005 - 2012	Durham Orange County Dental Society
2002 - 2014	American Dental Education Association
2001-renewable	Academy of General Dentistry
2001-Present	North Carolina Dental Society
1996-Present	American Dental Association

### Languages Spoken

English  
French (conversational)

### Charitable Sponsored Donations

2017	Cora Food Pantry Empty Bowls, Chatham County
2018	Cora Food Pantry Empty Bowls, Chatham County
2021	Chatham Literacy, Chatham County
2022-2023	Impact Gold Sponsor, Northwood High School Athletics, Chatham County