

CURRICULUM VITAE

KAREN K. TIWANA, DDS

CONTACT INFORMATION

Office Address: 587 Old Graham Road
P.O. Box 582
Pittsboro, NC
27312
Phone: (919) 542-4911
Fax: (919)542-5714
drkaren@chathamdentalarts.com

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

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

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

Other Employment

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

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| 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

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)

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| 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

| | |
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| 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

University of North Carolina at Chapel Hill, School of Dentistry

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| 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 |
| 2008 | Careers in Academic Dentistry Focus Group Leader |
| 2008 | Search Committee for General Dentistry Faculty (two) Positions |

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| 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

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| 2004-2007 | Elected to Faculty Council, University of North Carolina |
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Service and engagement activities

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| 2022 | Durham Rescue Mission, Durham County, NC |
| 2017 | 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

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| 2018 | Expert Witness: Law Firm Sherwood, McCormick & Robert; Tulsa, Oklahoma |
| 2012 | L&E Market Research, Inc. 'Uptodate' software |
| 2011 | Interviewed by DrBicuspid.com for article |
| 2011-2013 | Expert Witness: Law firm Metcalfe and McLain; Sarasota, Florida |
| 2011 | Interviewed by Trinity Partners, life sciences consulting firm |
| 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

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

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| 2017 | Cora Food Pantry Empty Bowls, Chatham County |
| 2018 | Cora Food Pantry Empty Bowls, Chatham County |
| 2021 | Chatham Literacy, Chatham County |