

**Kelly L. Anderson, RDH, MHS**  
**Associate Professor**  
**Department of Dental Hygiene**  
**Wichita State University**  
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## **I. General Information**

### **A. Contact Data:**

Home Address: 4733 Baja Ct. • Wichita, KS.  
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Department of Dental Hygiene, Box 144 • Wichita, KS 67260

### **B. Education:**

Wichita State University	Master of Health Science	1994
Wichita State University	Bachelor of Dental Hygiene	1983
Wichita State University	Associate of Dental Hygiene	1982

### **C. Academic Appointments:**

Wichita State University	Associate Professor	2011-present
Wichita State University	Assistant Professor, Probationary	2005-2010
Wichita State University	Assistant Professor, Temporary	2001-2005
Wichita State University	Graduate Teaching Assistant	1990-1992

### **D. Clinical Practice & Consultancies**

#### Central Regional Dental Testing:

Dental Hygiene clinical examiner for Central Regional Boards 2007-present

Drs. Steve and Rebecca Twietmeyer/ Craig Lashley: Wichita, KS 1992 – 2001

Roles and scope of practice included: Registered Dental Hygienist with main responsibility to provide patient prophylaxis with an emphasis on periodontal therapy.

Dr. Mark Huenergardt: Wichita, KS 1995 – 1998

Roles and scope of practice included: Registered Dental Hygienist Providing patient prophylaxis, home care instruction, ordering of office instruments.

Dr. Randy Newby: Mt. Hope, KS

Roles and scope of practice: See above

### **E. Membership in Professional, Honorary, and Other Learned Societies**

Sigma Phi Alpha, faculty member/ President	2005- present
Alpha Eta Honor Society, faculty member	2009-present
American Dental Hygiene Association, member	2004-present
Kansas Dental Hygiene Association, member	2004-present
Wichita Dental Hygiene Association, member	2004-present
American Dental Educators Association	2006-present
College of Health Professions Leadership Academy, fellow	2010-2011

**F. Academic Honors and Awards: Awards and Nominations**

College of Health Professions, Department of Communication Sciences and Disorders	
Above and Beyond Award	2014
Rodenberg Award for Excellence in Teaching	2012
Excellence in Teaching Award	2011
Nominated for the Academy for Effective Teaching Award	2005-2009
Nominated for CHP Rodenberg Award for Excellence in Teaching Award	2002-2010

**G. National Certifications / State License:**

Registered Dental Hygienist, License #1529	1981-present
Certified in Local Anesthesia and Health Care Provider CO\PR	1994- present

**II. Teaching Information****A. Typical Teaching Load:**

Course	Hrs	Level	Mean # Stud/Class	Fall	Summer	Spring
DH 420 on line	3	UG	6	2011-2014		
DH 452 online	3	UG	15		2003 - 2013	
DH 431	3	UG	35	2002-present		
DH 407	3	UG	35	1998 - present		2001-Present
DH 434	4	UG-clinical	35	2001 - present		
DH 435	4	UG-clinical	35			2001-Present
DH 462	3	UG		2005	2006	
DH 468	3	UG	2		2006	
DH 104	3(L)	UG	36	2001-present		
DH 416	2(L)	UG	36	2001-present		

**B. Primary Course Responsibilities:**

**DH 431 (3hr) Concepts II:** 2002 – *present*. This is a Concepts course which deals with special needs patients and how to care for them in a dental setting. The course material is arranged to give the students an in depth view of various medical conditions that they will encounter and how to avoid medical emergencies with this type of patient. The course emphasizes the practical application of this knowledge in various patient populations.

**DH 407 (3hr) Ethics and Jurisprudence:** 2001 – present. This course teaches ethical values for dental hygienists in the clinical office setting. Students prepare presentations on various ethical dilemmas and how they would handle them. The Kansas Dental Practice Act is used to explore the legal guidelines surrounding dental and dental hygiene care. Resume preparation and practice management skills taught in preparation for clinical practice.

**DH 434 (4hr) Clinical Dental Hygiene III:** 2001 – present. This is the second clinical course that students rotate through in the Delta Dental Wichita State University clinic. Students spend two full days a week providing care to patients from the surrounding area as well as WSU students. My responsibilities include scheduling students in their clinical rotation, calibrating and scheduling faculty, tracking clinical requirements, and handling student issues.

**DH 435 (4hr) Clinical Dental Hygiene IV:** 2001 – present. This course is the third and final semester in clinical rotations. My responsibilities are the same as DH 434 as well as preparing the students for clinical boards and licensure.

#### **On line Education**

**DH 420 (3hr) Educational Methodology in Dental Hygiene:** 2012-2014. Seminar dealing with the implementation of teaching and learning theory and its application in the formation of a course of instruction. Students gain experience in teaching undergraduate students in laboratory/clinical settings.

**DH 452 (3hr) Community Dental Health Management:** 2005 – 2012. This course focuses on the oral health care delivery system and the role of the dental hygienist in managing oral health care. Emphasizes community and dental health settings and populations underserved by the current private practice setting. The course is handled completing on line and is able to meet the needs of the practicing hygienist who may not be in close proximity to the campus.

**DH 462 (3hr) Special Project in Dental Hygiene:** 2005 – 2012. This is individual study of selected topics, didactic and/or clinical, to enhance the student's knowledge base and competencies in clinical or community dental hygiene practice. Students are licensed and working in dental settings. Students are advised on an individual basis and projects are assigned according to each student's clinical situation.

**DH 468 (3hr): Field Externship:** 2005 – 2010. Students implement and evaluate a community dental health project or research project. This may include an area of interest or concern in community dental health or clinical dental hygiene. Each student is advised on an individual basis according to their interests and develops a research project.

#### **Laboratory Instruction**

**DH 104 Radiology Lab:** 2001-2009. Students learn how to clinically apply the theory of exposing, processing, and mounting dental x-ray film. Students use manikins for this semester until competent. The following semester, the students begin exposing radiographs on patients.

**DH 416 Pain Management:** 2001- present. Students learn clinically how to give dental anesthesia along with nitrous oxide sedation. They perform on each other until competent and use their skills on patients the spring semester. This lab is team taught and I am responsible for working with 7 students.

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- **Courses Developed:**

- DH 462: Special Projects in Dental Hygiene: Degree Completion on line course. December, 2015.
- DH 407: Ethics and Jurisprudence: Developed Practice Management curriculum to add 1 credit hour to course, 2014
- DH 420: Education Methodology in Dental Hygiene: 3 hours course for degree completion on-line students, 2011-2016
- Oral Health Curriculum for Physician Assistants: Six hour curriculum developed with the dental hygiene faculty. Presented to Wichita State University physician assistant students, 2009-2010
- DH 303: Concepts II- One credit hour added to curriculum, 2007
- DH 323: Clinical Dental Hygiene III- One credit hour added to curriculum, 2007

- **Educational Methodology Workshop Participation**

- Universal Design of Instruction (UDI). College of Health Professions. February, 2017.
- TeamSTEPPS faculty development. Kansas University School of Medicine. November, 2014.
- Shifting to Learner-Centered Education in the Clinic. Lisa Belt. Wichita State University Dental Hygiene department. August, 2013.
- Mini Re-boot camp with Media Resource Center. Update on strategies for on line education. Wichita State University. April 12, 2013.
- Re-boot camp with Media Resource Center. Strategies for on line education. Wichita State University. January 6, 7, 10-13, 2011
- Making the Connection. University of Texas Health Science Center at San Antonio, Texas. September 10-12, 2008
- Teaching Methodology Update. Wichita State University dental hygiene faculty. Wichita State University. August 20, 2007.
- Institute for Allied Educators. Bill Hendrickson. University of Missouri-Kansas City July 20- 22, 2007

- **Professional Continuing Education (CE) Presentations:**

**Anderson, K.**, Carlson, B. The Ethics of Caring for Periodontal Patients. Wichita Dental Hygienists' Association Meeting. Wichita, KS. April, 2018. Additional compensation: yes. Invited: yes

**Anderson, K.**, Belt, L., Carlson, B. The Ethics of Caring for Periodontal Patients. Wichita Dental Hygienists' Association Meeting. Wichita, KS. April, 2017. Additional compensation: no. Invited: yes

**Anderson, K.**, Carlson, B. The Ethics of Caring for Periodontal Patients. Oil Belt Study Club, Canterbury Oral Surgery, Hays, KS. October 13, 2017. Additional compensation: yes. Invited: yes

**Anderson, K.** *Got Ethics?* Wichita Dental Hygienists' Association, Wichita, KS. April, July, & October, 2015. Additional compensation: yes. Invited: yes.

**Anderson K.** *Psychotherapeutic Medications in Dental/Dental Hygiene Practice.* Oral Health Kansas Conference. November 8, 2014. Additional compensation: no. Invited: yes.

**Anderson K.** *Resume Readiness/ Interviewing.* Diane Huntley lecture series. Kansas Dental Hygienists 'Association Annual Meeting, Wichita, KS. September 26, 2014, September, 2015. Additional compensation: no. Invited: yes.

**Anderson K.** *Autism in Dental Hygiene Practice.* 2 hour CE for hygienists and students. Wichita Dental Hygienists' Association, Wichita, KS. October 21, 2013. Additional compensation: no. Invited: yes.

**Anderson K.** *Interprofessional Education.* 2 hours CE for dental hygienists. Wichita Dental Hygienists' Association, Wichita, KS. April 18, 2013. Additional compensation: no. Invited: yes.

**Anderson K.** *Current and Future Models of Dental Hygiene Practice.* Diane Huntley Lecture Series. Kansas Dental Hygienists 'Association Annual Meeting Topeka, KS. September 23, 2011. Additional compensation: no. Invited: yes.

**Anderson K.** *Current and Future Models of Dental Hygiene Practice in Kansas.* 2 hours CE for area dental hygienists, Wichita Dental Hygienist Association, Wichita, KS. November 18, 2010. Additional compensation: no. Invited: yes.

**Anderson K.** *Everything You Want To Know About Premedication and the New American Heart Association Guidelines.* 2 hour CE for dental hygienists, Wichita Dental Hygienist Association, Wichita, KS. Jan10, 2008. Additional compensation: no. Invited: yes.

**Anderson K.** *Teaching Methodology Update.* Wichita State University dental hygiene faculty. Wichita State University. August 20, 2007.

**Anderson K.** *Meth Mouth.* 2 hour CE for class reunion of Class of 1982. March 31, 2007. Additional compensation: no

**Anderson K.** *Teeth for Two Workshop.* Workshop for Kansas Head Start in Wellington, KS. January 27, 2006. Additional compensation: no. Invited: yes.

#### **F. Student Advising/Counseling Load:**

As faculty advisor, I advise 18 first and second year dental hygiene students annually. I help develop clinical goals with them and handle any academic issues they may have, **2001-present.**

### **III. Research, Scholarship and Professional Presentations:**

**Grants Awards and Submissions**

McClendon, J., **Anderson K**, Koehn . Refinement of an Interprofessional Oral Health Instructional Resource. Oral Health Nursing Education and Practice Program. Funded by Oral Health Nursing Education and Practice August 2012 (\$2,000).

**Refereed publications:**

Smith, B., **Anderson, K**. Attitudes toward Interprofessional Education: Comparing Physical Therapist and Other Health Care Professions' Students. *Journal of Physical Therapy. Journal of Physical Therapy Education*; 32(2): 183-190. June 2018. doi: 10.1097/JTE.000000000000039

**Anderson K**, Self, T., Carlson, B. Interprofessional Collaboration of Dental Hygiene and Communication Sciences & Disorders Students to Meet Oral Health Needs of Children with Autism. *J Allied Health*; 46(4):e85–e89. Winter 2017

Law, B., Self, T., Conrad, T., **Anderson, K.,(contributor)**. Everything is unexpected, *The American Speech-Language-Hearing Association Leader*. April 2015, 20(42-48), doi:10.1044/leader.FTR1.20042015.42

**Anderson K**, Smith B, Brown G. The Utilization of and Oral Health Curriculum by Practicing Physician Assistants. *Journal of Physician Assistant Education*. Summer 2013: 24(3).

**Anderson K**, Smith B, Maseman D. Integration of an Oral Health Curriculum into a Physician Assistant Program. *Journal of Allied Health*. Spring 2011:19-24.

**Anderson K**, Smith B, Maseman D. . Interprofessional Education Through and Oral Health Curriculum to Physician Assistant Students. *Journal of Dental Hygiene*. Volume 84, Number 4, Fall 2010 , pp. 200-203(4). (Abstr)

**Anderson K**, Smith B. Practicing Dental Hygienists' Perceptions about the Bachelor of Science in Dental Hygiene and the Oral Health Practitioner. *Journal of Dental Education*. October 2009; 73(10): 1222-1232.

**Anderson K**, Smith B. Practicing Dental Hygienists' Perceptions about the Bachelor of Science in Dental Hygiene and the Oral Health Practitioner. *Journal of Dental Hygiene*. Fall 2009; 83(4): 211. (Abstr.)

**Anderson K**, Stevens K, Gonzalez B. Providing Dental Care to the Homeless: A Success Story. *Journal of Practical Hygiene*. November/December 2008.

**Anderson K**, Sise C. Dental Consultation for the Chronic Kidney Disease Patient: A Case Study. *Journal of Practical Hygiene*. Oct. 2007; 16(8): 21-22.

**Non-refereed publications:**

**Anderson, K.**, Brush up on oral-health screening. *The Clinical Advisor*. [www.ClinicalAdvisor.com](http://www.ClinicalAdvisor.com). May 2013; 97.

**Anderson K.** The Role of Nurse Practitioners and Physician Assistants in Providing Oral Screenings as Part of Health Assessment. *The Clinical Advisor*. May 2013.

**Publications in conference proceedings:**

**Anderson K, (presenter)**, Koehn M., Delacruz N., Smith B. Readiness and attitudes of dental hygiene students towards interprofessional teamwork and education: A homeless veteran simulation. *Journal of Dental Hygiene*. 92(4); August 2018. (Abst.)

Elliot, A., Mirakian E., **Anderson, K, (presenter)**. Innovative Collaboration in a Homeless Veteran Interprofessional Education (IPE) Simulation. Association of Schools of Allied Health Professions' Conference, October, 2016. (Abst.)

**Anderson. K. (presenter)**, Smith, B., Gina Brown, G., Attitudes toward Interprofessional Education: Comparing Physical Therapy and Other Health Care Professions' Students Collaborating Across Borders V -The Interprofessional Journey: Advancing Integration and Impact. Roanoke, Virginia, September, 2015. (Poster)

**Anderson. K. (presenter)**, Smith, B., Gina Brown, G., Interprofessional Education using Standardized Patients in a Multidisciplinary Health Professional College: Student Perceptions and Lessons Learned. Collaborating Across Borders V -The Interprofessional Journey: Advancing Integration and Impact. Roanoke, Virginia, September, 2015. (Poster)

**Anderson, K. (presenter)**, Koehn, M., McClendon, J., Valuing Dental Hygiene Students in an Interprofessional Education Event. American Dental Hygiene Association 92<sup>nd</sup> Annual National Meeting. Nashville, Tennessee, June, 2015. (Poster)

McClendon, J., **Anderson, K.** and Koehn, M. Making IPE Discipline Relevant. Collaboration Across Borders Interprofessional Collaboration: Transformative Change from the Classroom to Practice. Vancouver, British Columbia Canada, June, 2013. (Presentation)

**Anderson K (presenter)**, Smith B, Maseman D. Interprofessional Education Through and Oral Health Curriculum to Physician Assistant Students. American Dental Hygiene Association 87<sup>th</sup> Annual National Meeting. Las Vegas, Nevada, June 25, 2010. (Abst.)

**Anderson K (presenter)**, Smith B. Practicing Dental Hygienists' Perceptions about the Bachelor of Science in Dental Hygiene and the Oral Health Practitioner. North American Dental Hygiene Research Conference. Washington, D.C., June 16,

2009. (Poster)

Gonzalez B, Huntley D, **Anderson K (presenter)**. Dental Hygiene Student Attitudes Towards Peer Evaluation. American Dental Hygienists' Association 81<sup>st</sup> Annual Session. Dallas, TX. June 2004. *Journal of Dental Hygiene*. 2005; 79(4):12. (Abst.)

**Invited Presentations:**

Self, T., Conrad, T., **Anderson, K.**, Cecchetti, L., (2015, April). Dental Distress: Helping Children with Autism Successfully Navigate a Trip to the Dentist (Audio podcast)

McClendon, J. (presenter), **Anderson, K.** and Koehn, M. (2012) Making IPE Discipline Relevant. Collaboration Across Borders Interprofessional Collaboration: Transformative Change from the Classroom to Practice. Vancouver, British Columbia Canada

McClendon, J., (60%), **Anderson, K.**(40%) (2013) Interprofessional Oral – Systemic Health Course for Nursing and Dental Hygiene Students poster presentation, Oral Health Nursing Education Project (OHNEP), Summit, Washington DC .

Smith-Campbell B, PhD, Wright D, **Anderson K**, Postai K (presenter), Assessing a rural FQHC's dental intervention program on uninsured & Medicaid emergency department visits. Kansas Public Health Association Annual Meeting. Wichita, KS., September 22, 2009.

**Gonzalez B, Anderson K.** Learning Without the Grade. American Dental Educators Association, 6<sup>th</sup> Annual Dental Hygiene Clinical Teaching Workshop. San Antonio, TX. May 2005.

**On-Going Projects:**

Smith, B., **Anderson, K.**, Attitudes toward Interprofessional Education: Comparing Physical Therapy and Other Health Care Professions' Students. *Journal of Physical Therapy Education*. Submitted fall 2016, under revisions.

**Anderson, K.**, Self, T., Carlson, B., Utilizing Interprofessional Education to Prepare Dental Hygiene Students to Treat Children with Autism Spectrum Disorder. *Dimensions of Dental Hygiene*. Submitted February, 2016.

Smith-Campbell B, **Anderson K**, Wright D. "A Rural Federally Qualified Health Center's Dental Intervention Program's Influence on Uninsured and Medicaid Ambulatory Care Sensitive Emergency Department Dental Visits." Submitted to the refereed *Journal of Rural Health*, June 2010.

**V. Service Activities**

Undergraduate Research and Creative Activity Forum. Member. 2018-**present**.



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Department of Dental Hygiene Annual Faculty Review Committee. Member. 2001-**present**.

College of Health Professions Tenure & Promotion . Member. 2017-present.

HOSA Future Health Professionals. Faculty Advisor. 2015-**present**.

Wichita State University Faculty Grievance Pool. Faculty member. 2016-2018.

Interprofessional Evidence-Based Practice (HP801). Simulated actor. 2015, 2016, 2019.

Autistic Interprofessional Diagnostic Team. Dental hygiene faculty facilitator. 2011-**present**.

Health Sims United. Faculty facilitator for IPE activities for College of Health Professions. 2014-**present**.

Shocker Senior Day. Faculty presenter. October 17, 2014.

Distinguished Scholar Invitational. Judge for incoming freshman. 2000-2012, 2014-**present**.

Faculty Senate Representative College of Health Professions. 2012-2014, 2016-2018.

Leadership Academy Fellow, 2010-**present**. College of Health Professions Leadership Academy.

Wichita State University Training & Technology Team. 2010-**present**.

Dental Hygiene Department Admissions Committee: 2002 – **present**. Faculty member. Review application to admissions; conduct prospective student interviews.

Department Curriculum Committee: 2002 – **present**. Faculty member. Review dental hygiene curriculum and make necessary revisions.

College of Health Professions junior and senior day. Dental hygiene presenter. October 17, 2014.

Central Regional Dental Testing Service. Dental hygiene examiner. 2006-**present**.

Dental Hygiene Department Accreditation Committee. Prepare for accreditation site visit for dental hygiene department. Fall 2006, 2013.

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Faculty/Staff Affairs Committee. Co-chair. College of Health Professions. 2012-2016.

Interprofessional Resource Team. College of Health Professions. 2012-2014.

CHP Student Affairs Committee: 2006 – 2012. Dental hygiene representative. Review student exceptions and grievances.

CHP Curriculum Review Committee: 2005 – 2006. Appointed Member. Reviewer of curriculum changes in CHP departments.

**A. Manuscript Refereeing:**

- *Canadian Journal of Dental Hygiene, 2018*
- *Journal of Rural Health, 2012*
- *Journal of Dental Education, 2007-2008.*

**B. Community Service:**

Medical Mission at Home. Volunteer. Wichita, KS. April, 2018

Lord's Diner. Volunteer. Wichita, KS. 2017- **present.**

Kansas Mission of Mercy. Dental hygienist. Wichita & Manhattan Ks., 2013, 2017.

H.O.P.E., Inc. Annual Health Fair and JUNETEENTH Celebration. Dental hygiene screening. June, 2016.

Give Kids a Smile. Dental hygiene volunteer. Grace Med Clinic. March 8, 2014.

Autistic screenings for children. Interprofessional collaboration with dental hygiene students and other disciplines in College of Health Profession. Wichita State University, Department of Communicative Science Disorders. 2011-**present.**

Oral health screenings for autistic children. Little Elementary pre-school. Spring 2012-2014.

Dental prophylaxis for Union Rescue Men. GraceMed dental clinic. 2011.

Oral Screenings for Chisholm Life School. Screened 130 special needs students ages 18-21. 2010

Asian Wellness Festival. Recruited dental hygiene students to assist with oral health care instruction and screenings. 2009

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Kansas Mission of Mercy. Recruited and organized dental hygiene students to provide home care instruction for the indigent population. 2006- 2010.

Oral health screenings/fluoride varnish application. Screened elementary age children in Harvey County for dental decay and applied fluoride varnish. 2008

Union Rescue Mission dental screening. Screened homeless men for oral health needs and recruited dentists and hygienists to provide care on volunteer basis. 2007-2008.

Special Olympics dental screenings. Recruited dental hygiene students and dentists to help with Special Olympics held on campus each June. 2006-2009, 2013.

Night of the Living Zoo. Help with Student Dental Hygiene Association at the Sedgwick County Zoo to give out toothbrushes for children during Halloween Party and the Zoo. 2002-2010, 2012, 2014.

Wichita State Sealant Clinic. Helped coordinate and recruit students, community hygienists and dentists to be a part of the sealant clinic. 2003-2007, 2010.