

Cornhusker Impressions

for alumni and friends of the University of Nebraska Medical Center College of Dentistry



Class of 2018 graduates say farewell

(see pg 22)

Meet Xiaoxi 'Sophie' Cui, the first China Scholar to graduate from the College of Dentistry (see pg 24)



From the Dean

Dear Friends and Colleagues,

You may notice that this issue of *Impressions* is a bit larger than previous issues. Moving forward, we have decided to publish two print issues annually (instead of three). At the same time, we have started a monthly electronic newsletter, “News Bites”. If you have not received our electronic newsletter and would like to, please make sure to send your preferred email address to codcommunications@unmc.edu. Our electronic newsletter will keep you up-to-date on a more frequent basis and includes videos and other regular columns not featured in *Impressions*.

We have much to celebrate in this issue, including faculty members achieving major service anniversaries, new faculty leaders, and the story of how several of our faculty have made an academic career – a new career (story on page 16)! Dr. Day had the idea of being an academician for many years, eventually seeking out teaching courses to prepare her for the transition; for Dr. Zalewski, it meant pursuing an idea of being a teacher in his profession. Dr. Robin Hattervig took the leap after hosting fourth-year dental students in his practice, while Dr. Bokemper decided to “test the waters” before diving into a new career. Regardless of their journeys, we are delighted to have them on board and making significant contributions to our academic endeavors!

Additionally, our teaching continues to evolve. Please take a moment to read about the “e-learning modules” developed by our students and faculty on page 15. This is the second consecutive year where our students and faculty have collaborated to compete for UNMC-wide funding to develop an electronic and interactive course meant to inspire and engage faculty and students alike.

Our May commencement ceremonies celebrated our dental and dental hygiene graduates, among them, our first China Scholar student, Dr. Xiaoxi “Sophie” Cui (see story on page 24). This first-of-its-kind program is offered in partnership with UNMC’s Asia Pacific Rim Development Program and provides wonderful opportunities for Chinese students interested in health professions education in the United States.

I hope that you enjoy reading about the many accomplishments of our faculty, students and staff. And, if you haven’t already signed up, I invite you to be a part of our electronic mailing every month.

As always, thank you, for your support and loyalty to the UNMC College of Dentistry!

Sincerely,

Janet M. Guthmiller, D.D.S., Ph.D.

Professor and Dean, College of Dentistry, University of Nebraska Medical Center

Cornhusker Impressions Spring 2018

Impressions is published twice a year for alumni and friends of the UNMC College of Dentistry. Comments and suggestions are welcome.

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On the cover:

Xiaoxi ‘Sophie’ Cui, D.D.S., helps fellow graduate Erica Dickmeyer, D.D.S., with her cap backstage at the 2018 UNMC Commencement Ceremony on May 3.

Commencement

Thursday, May 3 | 9:30 a.m.
Lied Center for Performing Arts, Lincoln, Neb.

Saturday, May 5 | 3 p.m.
Gering Civic Center, Gering, Neb.

Panhandle Children's Dental Day XXXIV

May 31 – June 2
Western Nebraska

Dean's Club Reception

Sept. 6
Nebraska Champions Club, Lincoln, Neb.

2018 Alumni Reunion*

Sept. 7 – 8
Lincoln, Neb.

*See more information on page 31

Dental Opportunities Fair

Sept. 28
UNMC College of Dentistry, Lincoln, Neb.

Continuing Education

June 2018

CBCT Imaging Workshop Series
Speaker: Sung Kim, D.D.S.

June 8
CBCT Imaging, Interpretation,
Applications in the Dental Practice

June 8
Interactive Workshop Series: Unique Cases

June 15
Interactive Workshop Series:
Endodontic Cases

June 22
Interactive Workshop Series:
Dental Implant Cases

July 9 – 10

Radiology for Dental Auxiliary
Speakers: Jennifer Kallio, D.D.S.,
and Sung Kim, D.D.S.

July 17 – 18

Coronal Polishing for Dental Auxiliary
Speakers: Amanda Dolen, R.D.H., B.S.,
and Jaimee Shropshire, R.D.H., B.S.

**In addition to offering courses in Lincoln, the College of Dentistry is able to livestream continuing education courses to more than 200 other sites throughout Nebraska and the Midwest. Contact us for more information about how to set up a livestream course.*

For more College of Dentistry Continuing Education information

Mary Lynn Froeschle, D.D.S., *director* | 402-472-7993 | codce@unmc.edu

To register, call 402-472-2175 or toll free 866-700-4747, or online at
www.unmc.edu/dentistry/continuingeducation/courses

Faculty Anniversaries



40 years

Richard A. Reinhardt, D.D.S., Ph.D.

*Professor,
Co-Director of Undergraduate Periodontics,
BJ & Ann Moran Professor of Periodontology,
Department of Surgical Specialties*



10 years

Gerard Byrne, B. Dent Sc., M.S.D.

*Associate Professor,
Department of Adult Restorative Dentistry*



30 years

J. Bruce Bavitz, D.M.D.

*Professor and Chair,
Department of Surgical Specialties*



10 years

Myhanh T. Phan-Rinne, D.D.S.

*Assistant Professor,
Department of Adult Restorative Dentistry*



20 years

Larry D. Crouch, Ph.D.

*Associate Professor,
Department of Oral Biology*

New Faculty



“I was influenced by world-renowned people in the field of periodontal prosthodontics... Seeing their passion for the field, passion for teaching and their expertise inspired me to get to the “next level.”

Steven E. Haas, D.M.D., J.D., M.B.A.

Dr. Haas joined the College of Dentistry’s leadership team as the new associate dean for clinical affairs in December. Dr. Haas specializes in prosthodontics, and comes to UNMC after serving as an assistant professor and associate dean of clinical services at Nova Southeastern University College of Dental Medicine in Fort Lauderdale, Florida.

Hometown: Brooklyn, New York

New title and department at UNMC:

Associate dean for clinical affairs and associate professor,
Department of Adult Restorative Dentistry

Research (or Professional) Interests:

Investigating different teaching methods to better align with students’ demonstrated abilities and desires.

How I fell in love with prosthodontics:

I was influenced by world-renowned people in the field of periodontal prosthodontics such as Dr. Morton Amsterdam, Dr. Arnold Weisgold, Dr. David Graber, and Dr. Harold Baumgarten. Seeing their passion for the field, passion for teaching and their expertise inspired me to get to the “next level.”

Degrees:

- B.A., Biology, State University of New York at Binghamton, 1979
- D.M.D., University of Pennsylvania School of Dental Medicine, 1983
- Certificate, General Practice Residency, The Graduate Hospital, Philadelphia, Pennsylvania, 1984
- Certificate, Advanced Graduate Studies in Prosthodontics, Boston University, 1986
- J.D., Touro College Law Center, 1996
- M.B.A., H. Wayne Huizenga School of Business and Entrepreneurship, 2015

Professional Memberships:

- American Dental Association
- American Bar Association
- New York Dental Association
- The Florida Bar
- The Greater New York Academy of Prosthodontics

Three things people may not know about me:

- While I have the usual passions for running and weight lifting, I am a huge fan of alternative metal and progressive metal music.
- Bands such as Nothing More, Seether, Shinedown, Halestorm, Stone Sour, HELLYEAH and A Perfect Circle are some of my favorites today.
- I hope to be able to either go to Rock on the Range or Welcome to Rockville to see some of them play in 2018.

New Faculty

Jay Hansen, D.D.S.

Hometown: Faulkton, South Dakota

New title and department at UNMC:

Assistant professor and General Practice Residency Program co-director,
Department of Growth and Development

Research (or Professional) Interests:

After 31 years of a private practice in general dentistry, I remain interested in the wide range of challenges and issues facing the profession.

How I fell in love with dentistry:

When I was young, I was fascinated by all of the equipment and tools at our family dentist and as I grew older it seemed a great combination of tinkering and health care.

Degrees:

- Undergraduate, South Dakota State University, Brookings, S.D., and University of Nebraska-Lincoln
- D.D.S., University of Nebraska Medical Center College of Dentistry, 1985
- General Practice Residency, Clement J. Zablocki VA Medical Center, Milwaukee, WI, 1986

Professional Memberships:

- American Dental Association
- Nebraska Dental Association
- North District, 1986-present
- Sioux City Dental Society

Three things people may not know about me:

- I have a motorcycle that I seem to spend more time cleaning and maintaining than riding.
- I have a guitar that I never learned to play.
- I've played racquetball on Wednesday nights with a group for 27 years.



“When I was young, I was fascinated by all of the equipment and tools at our family dentist and as I grew older it seemed a great combination of tinkering and health care.”

New Faculty



“I loved the artistry, creativity and attention to detail necessary. The need to see the big picture, to mastermind and collaborate with other specialists, and to see things come together was exciting and fulfilling.”

Yun Saksena, B.D.Sc., M.M.Sc., D.M.D.

Dr. Saksena joined the UNMC College of Dentistry’s leadership team as the new associate dean for education in January. She is a prosthodontist with over 15 years of experience in higher education, and previously served as an associate professor and director of pre-doctoral clinical education at Tufts University School of Dental Medicine.

Hometown: Melbourne, Australia

New title and department at UNMC:

Associate dean for education and associate professor,
Department of Adult Restorative Dentistry

Research (or Professional) Interests:

- Educational research (student learning, teaching, classroom and clinic dynamics), student life and admissions.
- How to help each student fulfill their potential and how we can all become better teachers and learners.

How I fell in love with Prosthodontics:

I saw people who had been missing teeth or had deformities being able to chew, talk, smile and laugh again as a result of prosthodontic treatment. These things many of us take for granted gave them confidence and more opportunities. I loved the artistry, creativity and attention to detail necessary. The need to see the big picture, to mastermind and collaborate with other specialists, and to see things come together was exciting and fulfilling.

Degrees:

- B.D.Sc., The University of Melbourne, School of Dental Science, Melbourne, Australia, 1993
- Certificate, Combined Prosthodontics, Harvard University, School of Dental Medicine, Boston, 1998
- M.M.Sc., Oral Biology, Harvard University, School of Dental Medicine, Boston, 1998
- D.M.D., Tufts University School of Dental Medicine, Boston, 2000

Professional Memberships:

- American Dental Education Association
- American Dental Association

Three things people may not know about me:

- I play the double bass. My favourite performances include Beethoven’s *Symphony No. 9*, Handel’s *Messiah*, Tchaikovsky’s *Nutcracker* ballet, Cohan’s musical *George M.* and Bizet’s musical *Carmen*.
- I race bikes. I competed in the 2017 USA Cyclocross National Championships (finished 20th in my age group), and have raced criteriums, road and track.
- I bake cakes and cupcakes and have done custom orders in whatever flavours people wanted, decorated however they liked. My largest order was for over 200 people.

Dental alum named director of University Dental Associates

David G. Berkheim, D.D.S.

Nearly 35 years after graduating from the UNMC College of Dentistry, David G. Berkheim, D.D.S., returned to his alma mater in January as the new executive director of University Dental Associates (UDA), the college's private faculty dental practice.

A 1983 graduate, Dr. Berkheim spent his career in private practice. He started briefly as an associate in York, then worked in Sutton and Lincoln from 1985 to 2017. When the opportunity at UNMC came about, he said, he saw it as an open door into a new, but similar, career and felt his experience in private practice would translate well into this new position.

Dr. Berkheim sold his private practice in 2017 after accepting his new role at UNMC. He is charged with implementing the directives of the UDA Board of Directors and overseeing the operation of the UDA clinic. He will also be able to practice dentistry at the UDA clinic.

"The position is similar to operating your own office, but on a larger scale," Dr. Berkheim said.

UDA has 21 practicing general and specialty dentists, 19 in Lincoln and two in Omaha.

Interestingly, UDA (in its current form) didn't even exist when Dr. Berkheim graduated from dental school. The practice was formally organized into UDA in 1995 to provide another level of care to patients seeking dental services through the College of Dentistry. UDA came under the direction of James Jenkins, D.D.S., assistant professor in the UNMC Department of Adult Restorative Dentistry, in 2011 and has grown to become the largest practice of board-certified dental specialists in Nebraska.

"This is a dream practice for a general dentist," Dr. Berkheim said. "It's great to have specialists on site that can be consulted while I have a patient in the office."

The treatment process is expedited and patients don't have to be referred to another office off site, thus providing continuity of patient care. UDA providers offer a full range of services: general dentistry, pediatric dentistry, periodontics, endodontics, oral surgery, orthodontics, oral pathology, prosthodontics and radiology.

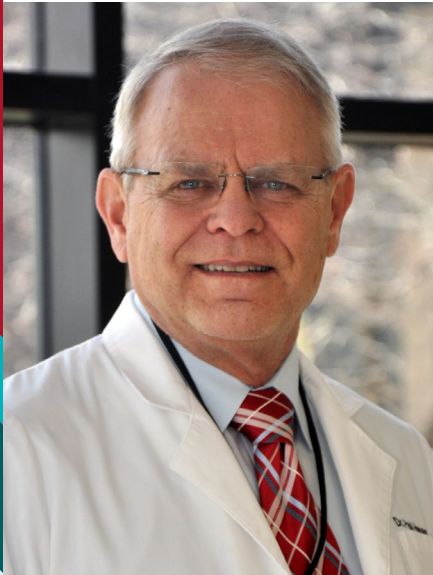
All of UDA's dentists are also UNMC faculty members and spend a portion of their time teaching dental and dental hygiene students and dental residents. That's part of what interested Dr. Berkheim about the position. In addition to his UDA duties, he teaches one half day a week on the clinic floor.

"It brings back a lot of memories," he said. "It's been a blast to interact with the students. I hope to be able to give the students a little bit of insight about what to expect in private practice."



"This is a dream practice for a general dentist. It's great to have specialists on site that can be consulted while I have a patient in the office."

Faculty Transitions



“I loved being able to work one-on-one with students on their research projects. You get to know the students really well and we were able to publish some articles as a result.”

Paul A. Hansen, D.D.S.

After 12 years as a faculty member at the UNMC College of Dentistry, Paul Hansen, D.D.S., is ready for his next mission: retirement and a move to Kansas City to be near family.

A 1975 graduate of the College of Dentistry, Dr. Hansen joined the United States Air Force just a few months after graduation. Throughout his 20 years in the Air Force, Dr. Hansen was stationed across the country – and the globe – including Kansas City, the Philippines, Texas, Virginia, Omaha and Germany. Through the military, Dr. Hansen received training in oral surgery and prosthodontics, eventually becoming board certified in prosthodontics in 1986. Following his retirement from active duty, Dr. Hansen taught at the University of Missouri – Kansas City (UMKC) for six years, and then spent seven years in private practice before returning to UNMC to teach.

While at UNMC, Dr. Hansen previously served as director of the prosthodontics section. He became the college’s implant director, and has devoted much of his time to mentoring students on their research projects. Dr. Hansen retired May 15 with plans to resume teaching part-time at UMKC’s AEGD program.

WE ASKED DR. HANSEN A FEW QUESTIONS TO REFLECT ON HIS YEARS AT UNMC:

What big changes have you seen at UNMC over the years?

“When I first got here 12 years ago, we weren’t doing any all-ceramic crowns; it was all gold or porcelain-fused-to-metal. We started pushing all ceramic restorations, and today we do primarily ceramic crowns and fixed partial dentures. Second, implant treatment planning is primarily digital; we use CT scan data to print out surgical guides. I saw these as very positive changes.”

What is your favorite memory at the College of Dentistry?

“I loved being able to work one-on-one with students on their research projects. You get to know the students really well and we were able to publish some articles as a result. Between my second and third year as a dental student, I was Dr. Stan Harn’s first research student. I got a taste of what it’s like to work with a mentor, and he has been a great mentor for me for the past 45 years. So to be able to share that with some of my students has been really great.”

What are you most proud of in your UNMC career?

“I think it’s the personal relationships you form with the students and with patients. We have extremely bright, motivated, hardworking students here. I was fortunate to work with people who have that type of character and background. I don’t think you’ll find better students anywhere else in the country. I’m sure some of these relationships will last for many years to come.”

Faculty Kudos

Dr. Wallen completes Leadership Omaha program



Jill Wallen, B.D.S., M.S., chairperson and associate professor in the department of growth and development, was one of 49 members in this year's Leadership Omaha class.

Leadership Omaha was established in 1978 by the Greater Omaha Chamber of Commerce as a way to develop effective leaders who will strengthen and transform the community.

Class members are chosen based on their demonstrated community involvement and career advancement. This marks the 40th session of the Leadership Omaha program.

More than 1,600 people have gone through the program, which includes orientation in August, a retreat in September and then monthly, daylong sessions designed to encourage open dialogue among class members and more than 100 government officials, civil figures and business leaders who contribute as speakers. Graduation takes place in June 2018.

Dr. Saksena named an ELAM outstanding alumna



Yun Saksena, B.D.Sc., M.M.Sc., D.M.D., associate dean for education, has been recognized as an outstanding alumna of the Executive Leadership in Academic Medicine program through Drexel University's College of Medicine. She was highlighted as one of this year's "Alumnae Success Stories" at the 2018 ELAM Professional Development Program in Denver.

The ELAM program is a one-year program that offers leadership training and networking opportunities to women in academic medicine, dentistry, public health and pharmacy. Dr. Saksena graduated from the ELAM program in 2016, and believes that the skills she gained in ELAM helped her land her dream job at UNMC in January.

"I believe in ELAM's mission of increasing the representation of women in leadership roles in academic health institutions, which is still very much needed," she said in her spotlight story. "I have personally gained immensely from my ELAM experience and treasure the community."

Dr. Wahl chosen as ADEA Leadership Institute Fellow



James K. Wahl, III, Ph.D., professor in the department of oral biology, has been named a 2018-2019 American Dental Education Association (ADEA) Leadership Institute Fellow. This year-long program prepares selected faculty for expanded roles in their institution and to become leaders in dental and higher education.

Baker named Dental Hygienist of the Year



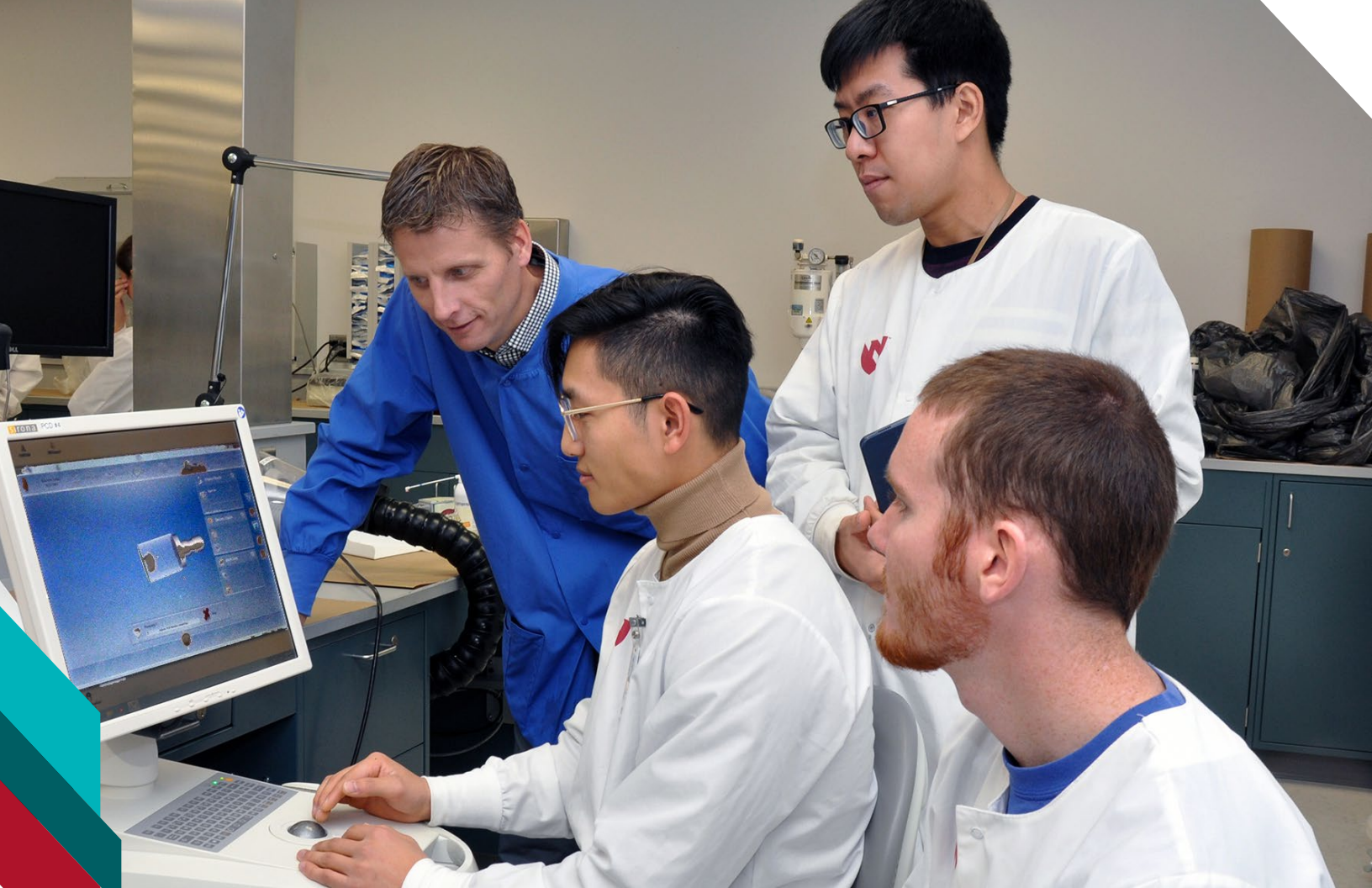
Nicole Baker, R.D.H., B.S., clinical instructor in the department of dental hygiene, received the 2018 Dental Hygienist of the Year award at the Nebraska Dental Hygiene Association (NDHA) Annual Session in April. The award recognizes her contributions and commitment to the dental hygiene profession.

Baker graduated from the UNMC College of Dentistry with her bachelor's degree from the West Division Dental Hygiene Program in 2008. Soon after, she joined the college as a faculty member in Gering.

She has held a variety of committee and officer roles with the NDHA and the Panhandle Component of the NDHA. In addition, she received her Dental Hygiene Public Health Authorization for treating children and adults in the state of Nebraska, which allows her to serve children at sealant programs and residents at local nursing homes.

Baker is a dedicated advocate for dental hygiene education and access to preventative oral health services for underserved communities, especially in rural Nebraska.

"I feel extremely honored and humbled to have been nominated and to have received such an award," she said. "I know I would not have been able to receive this award without the inspiration of my seniors, mentors, and colleagues at the College of Dentistry, the support from my family, and the opportunities in leadership that the NDHA has provided me."



Craig Vacek, D.D.S., left, works with second-year dental students Tung Nguyen, Tong Wang and Tyler Graham.

Community volunteers make a big impact on preclinical education

Today's students largely grew up in an era of rapid innovation in technology. As such, they have unique aptitudes for technology in education, and high expectations about the college's learning environment. The College of Dentistry recognizes this fact, and is dedicated to its digital dentistry initiative.

Professor Emeritus and part-time faculty member Henry St. Germain Jr., D.M.D., M.S.D., M.A.Ed., is steadfast in his belief that innovations in dental technology are here to stay.

"Digital dentistry is part of our students' futures," he said. "At first, there was some

uncertainty with this technology. But now we know that it hasn't gone away, and it does work."

Back in 2009, Dr. St. Germain was a big proponent of introducing CAD/CAM technology into the curriculum. With the support of then-dean John Reinhardt,

D.D.S., M.S., M.P.H., and Julie Marshall, D.D.S., M.S., the school took advantage of an educational grant from Dentsply Sirona to purchase CEREC machines.

But there was a small problem: Most faculty members weren't familiar with the technology.

So, Dr. St. Germain put out a request to alumni working in private practice to come in on their own time and help teach students how to use the technology. Over the years, he has built a team of about a dozen community dentists who volunteer their time and talent – mostly in the D1 and D2 preclinical labs.

With the support of these volunteers, first-year dental students are exposed to the concepts and technology. In their second year, they learn more advanced techniques such as how to make and cement a restoration. The third year brings lectures on more advanced concepts, and more hands-on time with the digital camera. By their fourth year, students can fabricate crowns, and have daily opportunities to use the machines with patients in the clinic.

It's a big shift from the curriculum being taught at the college just 15 years ago.

"When I graduated in 2002, it was not a part of the curriculum," said Craig Vacek, D.D.S., one of the first dentists to volunteer in the preclinical courses. "CAD/CAM had to be truly proven clinically before it was even considered to bring into the curriculum."

The turning point came in 2001 with the introduction of the CEREC 3, said Chris Haag, D.D.S., another early volunteer. That's when he first invested in the

technology and realized he needed to find a way to make it work in his practice at a high level.

Both Dr. Vacek and Dr. Haag recognize that today's students almost expect this kind of technology in a practice they would join after dental school. That's why it's important for them to volunteer their expertise and answer questions about the technology, the digital workflow, or practicing dentistry in general.

"It really sparks their interest," Dr. Haag said. "It is so cool to see that enthusiasm among students; I am always struck by their ambition and desire for knowledge."

In the spring semester, Drs. Vacek, Haag and other volunteers took their duties to the next level – volunteering in the clinics with third and fourth-year students. It offered them a chance to work with the same students they previously taught in the preclinical labs, helping them place crowns on real patients.

Having the support of outside dentists, along with the addition of part-time faculty members like Chris Nix, D.D.S., who specializes in clinical digital dentistry, has been a boon for students, faculty and patients at the college, Dr. St. Germain said.

"It is so motivating to have this support and have these practicing dentists here," he said. "I tell the students to soak it all in, and I see them just light up when the volunteers come in."

He also noted the continued support of Dr. Marshall, interim chair of the department of adult restorative dentistry, and College of Dentistry Dean Janet Guthmiller, D.D.S., Ph.D.

Thank you to our volunteers!

The following volunteers and UNMC faculty have given freely of their time over the last eight years in this preclinical course to help strengthen the college's digital dentistry initiative:

Dr. Luke Burgher

Dr. Chris Haag

Dr. Claire Haag

Dr. Rich Nolte

Dr. Chris Post

Dr. Robin Post

Dr. Tom St. Germain

Dr. Craig Vacek

Dr. Tim Vacek

Dr. Fariba Vakilzadian

Dr. Steven Wirth

Dr. Charlotte Church*

Dr. William Johnson*

Dr. Chris Nix*

Dr. Henry St. Germain*

**The initiative is also supported by these part-time or full-time faculty*



A child shows Jon Isaacson, D3, where her tooth hurts at Children's Dental Day.



Colton Allen, D1, dresses up as Ortho Man for Children's Dental Day.

Children's Dental Day delivers

The UNMC College of Dentistry provided dental care valued at \$114,000 to 134 children from eight Nebraska communities during the annual Children's Dental Day event held at the college in Lincoln on Feb. 2.

Since 2001, the College of Dentistry has treated more than 6,000 children and provided services valued at more than \$3 million to low income and underserved children in the state.

This year children from Crete, Columbus, Hastings, Grand Island, Fremont, Omaha, Lincoln and Wakefield received care that included: cleanings, X-rays, fluoride varnish, extractions, sealants, fillings, root canals and stainless steel crowns.

All of the children participating in the event are identified and pre-screened in their

communities by volunteers, including school nurses, members of faith-based organizations, Head Start, dentists and dental hygienists.

These volunteers donate their time to identify needy children, provide oral health screenings that indicate the type of care the children will need when they come to the college, and in many cases, come with the children for emotional support and translation services.



Savannah Epp, DH4, provides care for a child at Children's Dental Day

By the Numbers:

Number of children seen: **134**

Number of procedures: **1,142**

Dollar value of procedures:
Approximately \$117,693

Spirit of Children's Dental Day extends to western Nebraska



Faculty and students in our West Division Dental Hygiene program completed their own community service project on Feb. 2 in conjunction with Children's Dental Day. They presented dental education and provided oral care instructions to about 300 children at Northfield Elementary School in Gering, Nebraska.



Tung Nguyen, D2, teaches a child proper brushing technique at Children's Dental Day



Daniel J. Shipp, Ed.D., gives the Richard E. Bradley Memorial Lectureship at the 2018 Professionals Day event.

Professionals Day promotes student research, academic achievement

The 32nd annual College of Dentistry Professionals Day was held April 13 at UNL's East Campus Union.

The daylong event kicked off with the Richard E. Bradley Memorial Lectureship, given by Daniel J. Shipp, Ed.D., vice chancellor for student success at both UNO and UNMC. Dr. Shipp's lecture focused on the importance of emotional intelligence in the dental and other health professions.

He highlighted research from Case Western Reserve University's School of Dental Medicine and Weatherhead School of Management that found emotional intelligence to be an emerging non-cognitive predictor of dental student clinical performance. Dr. Shipp noted that while more research is needed in this area, the first step toward improving your emotional intelligence is to assess your own self-awareness.

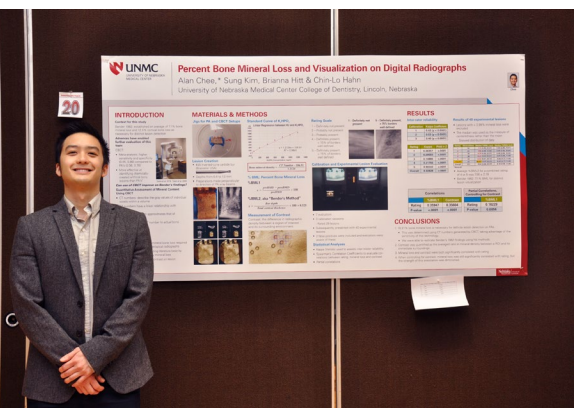
He encouraged faculty, staff and students to participate in the "One Word Project," in which each person chooses one word to define who they are. Participants then posed for a photograph depicting their interpretation of their chosen word – with the goal of helping them learn more about themselves and gain self-awareness.

Following Dr. Shipp's lecture, the college hosted an awards ceremony to celebrate and recognize students, faculty and staff accomplishments.

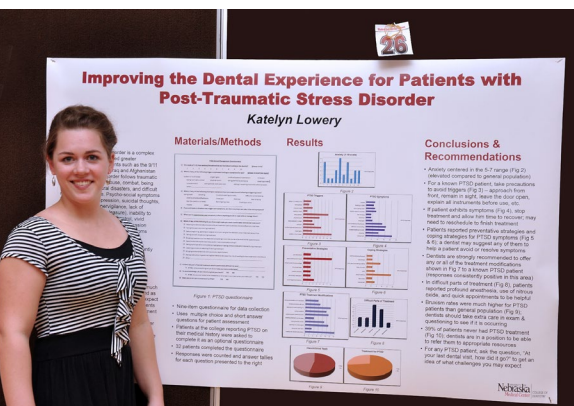
The afternoon's 51st annual Student Scientific Program featured 44 research posters by junior dental, senior dental hygiene, postgraduate students and their faculty mentors. A panel of judges evaluated each presentation and announced winners in each of the three categories:

- **Postgraduate:** Alan Chee, D.D.S., "Percent Bone Mineral Loss and Visualization on Digital Radiographs."
Mentors: Sung Kim, D.D.S., Brianna Hitt and Chin-Lo (Ellen) Hahn, Ph.D., D.D.S.
- **Dental:** Katelyn Lowery, "Dental Management of Patients with PTSD."
Mentor: Brian Lange, Ph.D.
- **Dental Hygiene:** Savannah Epp and Itzel Soto, "Comparison of Sodium Percarbonate and Hydrogen Peroxide Whitening Solutions with LED Lamp: an in vitro Study."
Mentors: William Johnson, D.D.S., Bobby Simetich and Heather Hessheimer, R.D.H., M.S.

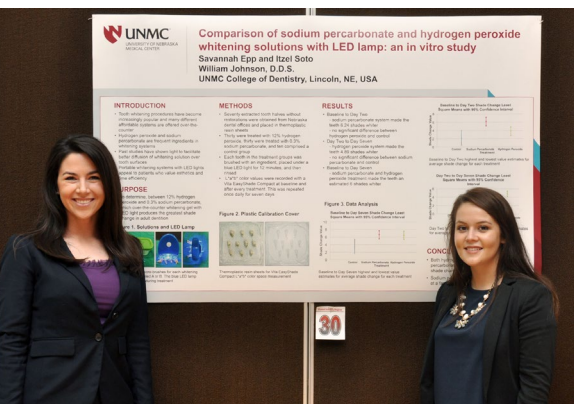
First place winners in the dental and dental hygiene categories earn the chance to present their research at various national conferences following Professionals Day. Epp and Soto presented their poster at the 95th Annual Conference of the American Dental Hygienists' Association (ADHA) in Columbus, Ohio, in June. Lowery will present at the IADR/AADR/CADR General Session & Exhibition in Vancouver in June 2019.



Alan Chee, D.D.S., endodontics resident, placed first in the postgraduate student category.



Katelyn Lowery, D3, placed first in the dental student category.



DH3 students Savannah Epp and Itzel Soto earned first place in the dental hygiene student category.

Faculty, students complete UNMC E-learning Program

Two faculty and student teams from the College of Dentistry applied for and were accepted to the UNMC E-Learning Program for the 2017-2018 academic year. Beginning in November 2017, each team worked to create an innovative e-module that will be used in the school's dental curriculum next year.

Each team received a \$1,000 award for project costs and student stipends. The dentistry teams were among 17 awarded projects, which represented all seven colleges on the UNMC campus.

Students were the primary developers of the e-modules, which included participating in software workshops and consultations with the e-learning team in Omaha. The teams spent about four months to build the modules before presenting their work at the E-Learning Showcase in April 2018.

The College of Dentistry teams and their projects were:

“Understanding Calculus is Hard; Treating it Doesn't Have to Be”

Faculty:

Jennifer Kallio, D.D.S., Megan Christiansen, R.D.H., B.S., and Amy Kileen, D.D.S., M.S.

Students:

Kiya Stack, Nick White and Aktham Adams

About the project:

When dental students transition to the clinics, they need a stronger comprehension of periodontal treatment planning. Specifically, oral prophylaxis vs. scaling and root planing. This instructional tool is designed to increase students' critical thinking skills before seeing patients in the clinical setting.



“Radiographic Diagnosis of Dental Caries”

Faculty:

Sung Kim, D.D.S.

Students:

Natalie Poppe and Katie Keck

About the project:

Being able to detect dental caries on radiographs is an essential skill needed for providing comprehensive dental treatment. Certain types of dental caries are difficult to visualize intraorally, and therefore, the diagnosis needs to be made based solely on the radiographs. This module will introduce students to a larger number of radiographic examples of caries than typically covered in lecture.



Learn more about UNMC's E-Learning Program and see this year's dentistry modules at www.unmc.edu/elearning



Academics as a second career

There are many varied reasons to pursue a career in academic dentistry. Being able to influence the next generations of dental professionals, maintaining a stable income and good work-life balance, and the opportunity to participate in research or service activities are just a few reasons commonly given for choosing such a career. Still, data from the American Dental Association shows that private practice tends to be the traditional choice for dentists – a 2010 survey showed that 86 percent of practicing dentists are solo practitioners or part of a group practice.

At the UNMC College of Dentistry, faculty members come from backgrounds of all shapes and sizes. Many opportunities exist at the college for practicing dentists to teach part-time or volunteer with the student clinics or outreach projects. A growing number of UNMC faculty, however, have made the move from a career in dental practice to a full-time career in dental education.

We spoke to eight full-time faculty members who took on academic dentistry as their “second career.” Between them, they had more than 190 years of experience as practicing dentists before joining

UNMC. A majority of them had significant careers (20 years or more) in private practice, community health or as military dentists, before packing up their practice and moving into the classroom.

We wondered: *Why?*

We asked: *What motivates a practicing dentist to take on a new role as an educator? What surprises did they have in store when moving from a solo practice to a university setting? And what do they enjoy most about teaching?*



Making the leap

Dr. Robin Hattervig's motivation for teaching has always been simple – the students.

A 1984 UNMC College of Dentistry graduate, Dr. Hattervig immediately went into solo private practice in the small town of Howard, South Dakota. After 20 years, he began to notice a great need for dental care among South Dakota's low-income population. He turned his practice over to a federally qualified community health center and took on a new role as a community health dentist for 12 years.

It was around that time that Dr. Hattervig also started hosting fourth-year dental students on outreach rotations from the University of Minnesota. They only visited one month out of the year, but he always looked forward to spending time with the students, offering them extra experience with emergency procedures, extractions and endodontics.

"They energized me," he said. "They really got me interested in teaching and I decided maybe I would try it full time."

With his children finished with high school and the flexibility to exit the practice when he wanted, Dr. Hattervig decided to take a leap of faith. He moved to Lincoln and started full-time as an assistant professor at the College of Dentistry in 2016. In addition to teaching a clinical cariology and didactic course for second-year dental students, he also is a clinical group practice leader.

Today, his motivation for teaching is the same as it has always been – the students.

"I enjoy my interactions with the students," he said. "I love seeing the lightbulb go on in their heads when you explain something to them. That's the most rewarding part."



Testing the waters

It was a slow transition into teaching for **Richard Bokemper, D.D.S.** The first year and a half was a "dip-your-toe-into-the-water kind of thing to see if I would enjoy it", he recalls.

Dr. Bokemper had been in private practice since 1981, first in Scribner, Nebraska, then in Sergeant Bluff, Iowa. In January 2016, he began driving to Lincoln – 300 miles round trip – one day a week to teach at UNMC. In fall 2017, he moved to three days a week.

Finally, it came time to dive in. He had a transition date in mind and teaching was always something he wanted to try.

"I didn't call it a retirement, I called it a redirection," he said.

He sold his practice to a fellow UNMC alum and started full-time at the university in January 2018.

Now an associate group practice leader, Dr. Bokemper sees his role as passing on the knowledge and skills he learned in his practice to students in the clinic and laboratory. He was surprised to find that some of the techniques students use were unfamiliar to him; and enjoys learning as much from the students as they do from him. Unlike in private practice, he said, a teacher is not only responsible for themselves but also for the student and the patient.

"You want the student to get a quality education and the patient to get quality results," he said. "It all has to meld together."



An idea long-held

In many ways, **Marianne Day, D.D.S.**, has been preparing for a teaching role her whole life. Her introduction to teaching came from activities like being a Girl Scout leader, teaching beginners how to ride horses and teaching her children how to drive a stick shift.

In her professional life, Dr. Day found other ways to hone her teaching skills. After graduating from dental school, she completed a general practice residency program in Maryland where she got her first taste of teaching dentistry. She then worked in public health in Oklahoma, where she was in charge of three clinics and continuing education activities.

When she later opened her own practice in Las Cruces, New Mexico, she trained a number of dental assistants over the years. She even spent a few years teaching at a new dental hygiene program at a local community college – her first interaction with true “academic dentistry.”

“Working with people and teaching them is something I have always enjoyed,” Dr. Day said. “It was something I always thought I would do at some point in my life.”

To prepare for her eventual shift into academics, Dr. Day pursued her own education through various American Dental Education Association (ADEA) courses, as well as Academy for Academic Leadership programs. She enrolled in courses that taught her more about curriculum development, faculty calibration and more.

“Going into academics, unless you have the educational degree or other formal training, it’s an entirely different language than private dentistry,” she said.

The opportunity to teach full-time came in August 2016 when a position opened up at UNMC. It was the perfect time, personally and professionally, for her to make a change. In her new role, she uses her previous experiences in private practice – and the tips she learns from her independent education courses – to help students on their path toward becoming well-trained dental professionals.

“I enjoy seeing the students succeed,” she said. “I want them to get it, and to do as well as they can.”

What others have to say:



“I was in the Army for 30 years and was facing mandatory retirement, but I had no thought about going into teaching. Then I got a phone call from Dr. Henry St. Germain inviting me to come visit the university. I met the faculty and students and realized I

really liked what I saw. When I first started, my goal was to spend five years teaching – that was 13 years ago.”

Ernest Sigler, D.D.S.

30 years military dentist
13 years full-time UNMC faculty member



“While I was in private practice, I was the main trainer for our expanded-duty assistants. I found I liked teaching and they appreciated my teaching style. I wanted to blend my love for dentistry, mentoring, teaching and have a work-life balance for my family. In 2011, I started part-time in the staff dentist position at UNMC;

it was a good way to begin to explore teaching and academics.”

Jennifer Kallio, D.D.S.

5 years private practice general dentist
5 years UNMC staff dentist/clinical instructor
2 years full-time UNMC faculty member



A lightbulb moment

Upon graduating from the College of Dentistry in 1978, **David Zalewski, D.D.S.**, started his solo practice in North Platte, Nebraska. After about 20 years in practice, he began to think about going into education someday. He held off for a few more years, but the thought of teaching kept coming back. At first, he considered going back to school to get his teaching degree. Then, the lightbulb came on.

"I realized dentistry is what I knew best," he recalled. "I thought I might be better off being an instructor at the dental school."

He listed his practice for sale in 2008 and to his surprise, it sold in just two weeks. He stayed on until 2009 and then began to make his transition to Lincoln, teaching at UNMC a few days a week. When a full-time opportunity came about, he took it.

"Sometimes you just have to take that step," he said. "I was fortunate enough that it

worked out well; having those first couple of years working part-time allowed me to see if I wanted to make it a career."

He describes his move into academic dentistry as "refreshing and revitalizing," thanks in large part to the students. Some days everything goes exactly to plan; some days he has to problem-solve and think on his feet. Either way, he never goes home bored. In addition to his duties as a clinic group practice leader, he also co-teaches a prosthodontics course. This allows him to get to know students at both levels – preclinical and clinical.

"It's fun to watch those students start from basic knowledge and then progress to the clinical level," he said. "I get to watch them mature as clinicians; it's a great opportunity."



"I started teaching part-time at the UNMC COD in the mid-90s. I taught one morning a week in treatment planning and fell in love with teaching the dental and dental hygiene students. I loved that I was able to make a real difference in the dental careers of students and

the profession of dentistry with knowledge, dental skills and techniques of which I could educate the students."

James Jenkins, D.D.S.

18 years private practice general dentist
7 years part-time UNMC faculty member
16 years full-time UNMC faculty member



"I have had the privilege of seeing dentistry through three lenses, as a general dentist in rural Nebraska, an endodontist in Lincoln, and now as a member of the faculty at UNMC. While I appreciated each phase, academics has been the perfect fit. Looking back, my only regret is that I didn't make the move into

academics earlier in my career. I enjoy the students and I hope that I have made a small contribution in their dental journey."

Merlyn Vogt, D.D.S.

11 years private practice general dentist
9 years private practice endodontist
7 years part-time UNMC faculty member
12 years full-time UNMC faculty member



First-year dental hygiene student Elisabeth Cope receives her blue coat from Todd Junge, R.D.H., B.S. assistant professor of dental hygiene.

"I thought it was really interesting. We haven't entered clinic until just now so we haven't had any of these experiences before. It was just really nice being with our faculty to hear some of their experiences and things that they've learned firsthand through their experience in the dental field."

Elisabeth Cope, DH3

Students get a lesson in ethics, professionalism at the 2018 Clinic Transition Ceremony

The annual Clinic Transition Ceremony included something a little different this year. In addition to receiving their blue coats (signaling the beginning of the clinical portion of their education) second-year dental students and first-year dental hygiene students participated in the college's first Ethics and Professionalism Workshop.

The workshop aimed to teach students about the importance of "doing the right things, at the right times, for the right reasons," said Merlyn Vogt, D.D.S., assistant dean for student affairs and director of admissions.

Sponsored by the Nebraska Chapter of the American College of Dentists (ACD), the workshop featured a series of eight videos depicting various ethical dilemmas such as the inappropriate behavior of a patient toward a dental hygienist and a disagreement about the treatment plan between a dentist and a patient. The students were split into groups to discuss the situations and the appropriate responses.

UNMC faculty members and ACD fellows joined in to give advice, share their real-world experiences and offer tips about how to have difficult conversations.

"The videos showed real world examples of what can and probably will happen as time goes on," said Robert Kirkland, D2. "It was really great to hear feedback from the faculty. It gives you perspective on what you need to do when you have a problem with your patients; you need to be firm and have set ground rules for certain situations."

UNMC alums and ACD fellows Jack Wesch, D.D.S., '70, and Allen Thomsen, D.D.S., '69, were on hand to discuss the scenarios and represent the ACD. Often described as the "conscience of dentistry,"

the ACD's mission is to advance excellence, ethics, professionalism and leadership in dentistry. Lately, the ACD's focus has been teaching ethics awareness. Dr. Wesch said it's important to begin teaching ethics to students early in their education.

"The D2 and DH3 students are at an excellent point to start learning about ethics," he said. "Ethics is a continuous journey, you don't just put it on like a jacket. It's something you practice every day and you have to keep working at it."

Dr. Vogt noted that a career in dentistry can include challenging ethical dilemmas, and knowing how to handle such situations is an important skill for students to learn.

"Looking back, I wish all the tough, ethical choices I faced as a dentist had turned out as a success," Dr. Vogt said. "Unfortunately, they didn't. However, I learned from every one of those tough dilemmas."

While ethical dilemmas are difficult to navigate, even for the most experienced dentists, Dr. Thomsen said such situations do happen while out in private practice. He felt honored to participate in the workshop and meet with new aspiring dentists and hygienists.

"They were fun, really outgoing and they all chimed in with their opinions," he said. "They had such excitement for what they're doing."

UNMC College of Dentistry on the national scene

2018 ADEA Annual Session and Exhibition | Orlando, Fla. | March 2017

A total of 18 faculty members and six students attended this year's ADEA Annual Session. Many College of Dentistry attendees presented posters, gave talks, received awards or were nominated for new ADEA roles. Notable posters, presentations, awards and nominations included:

John W. Reinhardt, D.D.S., M.S., M.P.H., awarded a 2018 ADEA Chair of the Board Citation at the 2018 ADEA Annual Session & Exhibition on March 18. He was selected for his "exceptional service to ADEA and the dental education community."

Frannie Hollinger, D3, elected vice-chair of the ADEA Council of Students, Residents and Fellows.

Marianne Day, D.D.S., chosen as secretary of the ADEA Section on Dental Anatomy and Occlusion.

Yun Saksena, B.D.Sc., M.M.Sc., D.M.D., recognized for completing her role as chair of the ADEA Section on

Educational Research, Development and Curriculum, and was named to a three-year term as councilor.

Larry D. Crouch, Ph.D., elected councilor for the ADEA Section on Biochemistry, Nutrition, and Microbiology

Yun Saksena, B.D.Sc., M.M.Sc., D.M.D., gave a talk on social/emotional learning at the Faculty Development Short Talks session.

Mary Lynn Froeschle, D.D.S., M.B.A., presented a poster titled "Students' Perspectives on E-Learning Modules for Treatment Planning."

Steven E. Haas, D.M.D., J.D., M.B.A., presented a poster titled "Situational

Teaching in Dental Education: The Road to Personalized Learning."

Jennifer K. Kallio, D.D.S., presented a poster titled "eModule Designed by Students for Students: Reaction Feedback Survey."

Jordan Paulsen, D3, and **Corinne Van Osdel, D3**, presented a poster titled "Effectiveness of an e-Module in Diagnosis and Treatment of Dry Mouth."

Clare Espinosa, D3, and **Brooke Kittell, D3**, presented a poster titled "Innovation of Dental Clinic Transition with a Digital iReference Guide."

2018 AADR/CADR Annual Meeting & Exhibition | Fort Lauderdale, Fla. | March 2017

Four faculty members and 12 students represented the UNMC College of Dentistry at the AADR Annual meeting. Many presented their research posters, including:

Paul A. Hansen, D.D.S., "Ability of General Dentists to Make Accurate Centric Relation Records."

Xiaoxi (Sophie) Cui, D4, "Patient-related Risk Factors for Bone Loss During Periodontal Maintenance."

Keenan Fischman, D3, "Accuracy of Dental Clinicians in Diagnosing Pathologies: A Retrospective Study."

Evan Harpster, D3, "Are 3D Printed Casts as Accurate as Conventional Gypsum Casts?"

Kathleen Higgins, D3, "Is Detail Reproduction Equivalent Between Gypsum and 3D-Printed Casts?"

Megan Klein, D3, and **Erin Baldrige, D3**, "Comparison of Radiographic Errors Between PSP Plates and Digital Sensors."

Elizabeth Monacelli, D4, "Tooth-Related Risk Factors for Bone Loss During Periodontal Maintenance."

Landon Peterson, D4, "Changes in Prevalence of Congenitally Missing Permanent Teeth Among Adolescents: 10-Year Comparison of Patients at UNMC."

Sarah Sexton, D3, and **Lindsey White, D3**, "Implications of CBCT and Panoramic Images for Implant Treatment Planning."

Kiya Stack, D3, "Polymerization Characteristics of Resin-

composite Cements."

Devin Irene, D4, competed in the national Student Competition for Advancing Dental Research and its Application (SCADA) – Clinical Science/Public Health Research Division. He presented a poster titled "eLearning's Effect on Dental Student Understanding, Satisfaction, and Retention Versus Traditional Lecture," which earned him first place at last year's student research competition held in conjunction with Professionals Day at the COD.



See photos from the ADEA and AADR meetings on the UNMC College of Dentistry Facebook page www.facebook.com/unmccod

For information about these generous benefactors please refer to the touch-screen monitor.



May 2018 College of Dentistry Graduates

Dental Graduates

Alaina Marie Allen***
 Dylan Joseph Arens
 Austin L. Baker
 Kevin James Brodersen**
 Noland W. Broekemier
 Brandon Louis Chapek*
 Benjamin Lapke Coenen
 Xiaoxi Cui**
 Brooklynn A. Dexter
 Erica Rose Dickmeyer
 Megan M. Eitemiller
 Alyssa Lynn Erdmann
 Steven J. George
 Spencer L. Gross
 Aaron Cyrus Haag
 Sarah Anne Hansen

Jordan Gregory Hardin
 Farah Imad Hazim
 Nathan Andrew Ideus*
 Devin Charles Irene*
 Lucas B. Kaufman
 Blake Frederick Kopf*
 Lauren Elyse Krell
 Bryan Taylor Larsen*
 Michael James Lindsay
 Kelsey Lane Loontjer
 Stephanie Ann McAndrew
 Aaron Matthew McCoy
 Andrew Michael Miller
 Christopher Michael Miller
 Baylee June Mink
 Elizabeth Ann Shih Monacelli

Mason Charles Niemeyer
 Jacob Steven Nordhues*
 Michael Dylan Pabian
 Abigail Hope Peters
 Landon Robert Peterson**
 Sarah Frances Prinz
 Benjamin Kneale Reimer**
 Kevin Donald Ripp
 Riley J. Santin
 Tatum Murray Schad
 Nicole Ashley Searcey
 Christopher Thomas Sullivan***
 Graden Whitney Trumble**
 Laura Breanna Videtich
 Jordan Wineland**
 Martin John Wolff

Dental Hygiene Graduates

LINCOLN DIVISION

Jason J. Brisbin*
 Devin Virginia Clark
 Megan Elizabeth Culbertson
 Aubrey Elizabeth Cummings
 Haley Breanne Dehne
 Elenita Marie Donley*
 Alexis Danielle Dougherty
 Savannah Jane Epp
 Joshua E. Gonzalez
 Kara D'Ilores Heiser

Kailee Bravo Hernandez
 Jordan Elizabeth Jones
 Maria De La Paz Lozano
 Lauren Elizabeth Montgomery*
 Amber Rose Rapp
 Nicole Lee Schleiger
 Itzel Soto
 Amanda Marie Switzer
 Courtney Sharon Von Seggern
 Jessica Marie Zimmerer*

WEST DIVISION


Kelsey Rae Ferris*
 Rachael Jane Nickel
 Megan Jo Overfield


* with Distinction ** with High Distinction *** with Highest Distinction

Where are they headed?



Immediate career plans for dental graduates:

-  **32** Private practice
 - 15** practice in Nebraska communities of Omaha, Lincoln, Kearney, Norfolk, Grand Island, Crawford and Fullerton
 - 17** practice in other states

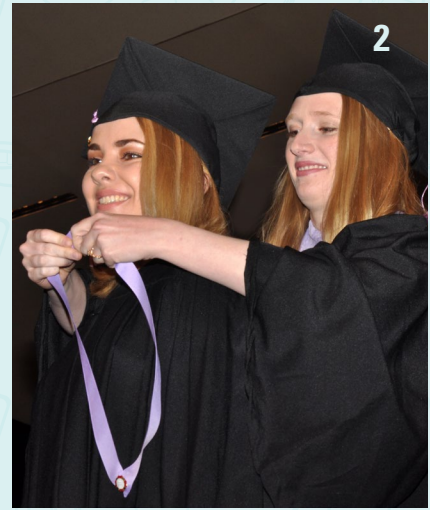
-  **16** Advanced education residencies
 - 6** residencies at UNMC
 - 7** residencies in other states
 - 3** U.S. military residencies

Immediate career plans for dental hygiene graduates:

-  **23** Private practice or other



Congratulations Graduates!



- 1** Members of the Dental Class of 2018 with Jennifer Kallio, D.D.S. (center).
- 2** Maria Lozano and Amanda Dolen, R.D.H., B.S.
- 3** Dean Janet Guthmiller, D.D.S., Ph.D., and Alaina Allen.
- 4** Paul Hansen, D.D.S., Elizabeth Monacelli and Ernest Sigler, D.D.S.
- 5** From left: Gwen Hlava, R.D.H., M.S., Lisa Moravec, R.D.H., M.S., Kelsey Ferris, Megan Overfield, Dean Janet Guthmiller, D.D.S., Ph.D., Rachael Nickel and Nicole Baker, R.D.H., B.S.

College's first China Scholarship Council student graduates

In 2014, the UNMC College of Dentistry welcomed its first dental student as part of the Chinese Scholarship Council (CSC), a non-profit institution affiliated with China's Ministry of Education.



Xiaoxi (Sophie) Cui

Offered in partnership with the UNMC Asia Pacific Rim Development Program, the CSC is the first program of its kind. It offers students an opportunity to earn health professions degrees at UNMC – funded by the Chinese government – with the expectation that students return to China after graduation to help meet the needs of China's ever-growing health care system.

Now, that student is the first Chinese scholar to graduate from the College of Dentistry.

Xiaoxi (Sophie) Cui is a member of the dental class of 2018 and graduated May 3 with high distinction.

Cui is a native of Qingdao, a medium sized city in China's Shandong Province. She earned her Bachelor of Dental Medicine degree from Shandong University and her Master of Periodontology degree from Peking University before deciding to apply to the UNMC College of Dentistry through the CSC program.

Among other differences, dental education in China is at the undergraduate level. Students begin dental school right after high school and programs typically last five years, after which they become practicing dentists.

"I didn't think my training was enough to be a dentist after my bachelor's degree," Cui said. "That's why I did the master's in periodontology. After that I

wanted to travel, and I knew that dental education in the U.S. is very advanced, so I wanted to learn here."

For example, in China, Cui completed one crown prep before seeing her first patient. At UNMC, students are prepared with a whole year of lab work before stepping onto the clinic floor. In addition, UNMC taught her not only how to treat dental diseases, but also how to treat patients as a whole.

"This program emphasized patient relationships much more," she said. "We learn how to practice empathy and how to take care of patients not just clinically, but emotionally too."

Throughout her time in Nebraska, Cui learned a lot about a culture very different from her own. First off, the language barrier took a while to overcome (imagine learning anatomical terms in a different language). In addition, the move to Lincoln from large, bustling Chinese cities was an eye-opening experience. She recalled seeing hay bales for the first time during Panhandle Dental Day, and was surprised when cars stopped for her as she crossed the street.

At UNMC, Cui appreciated strong guidance and feedback from faculty members, and met many classmates-turned-friends.

"I felt like my classmates here were all very good students, very serious about their education and always willing to help each other," she said.

She graduated feeling much more comfortable practicing dentistry on her own – but that doesn't mean she is done learning. She plans to complete a general practice residency program at the University of Nevada, Las Vegas, where she will gain extra practice placing implants. Then she will return to China with the goal of splitting her time between private practice and teaching. Eventually she hopes to work and teach in both China and the United States.

"My most important purpose here was to learn," Cui said. "But I also want to be able to help make my own country better. I hope to not only contribute back to China but also try to let American dentists know more about Chinese dentistry."

Xiaoxi (Sophie) Cui works in the dental clinic with Ernest Sigler, D.D.S., assistant professor of adult restorative dentistry.





Dental students Kevin Smith, left, and Ben Coenen, right, examine patient Katheran Ford at the People's City Mission Dental Clinic in Lincoln. They are supervised by Jon Asbjörnson, D.D.S., UNMC adjunct faculty member.

Students provide free dental care at People's City Mission

Katheran Ford arrived for her appointment at the People's City Mission Medical Clinic in West Lincoln more than ready to have her teeth pulled.

With constant tooth pain, Ford decided to try out the Mission's free dental clinic at the advice of a friend. It was her second time seeing clinic volunteer Ben Coenen, a senior dental student at the UNMC College of Dentistry.

"He did a good job last time, I didn't feel anything," she said.

For Ford and many other people, the clinic is one of the few places they can go to get quality dental care at no cost.

"Without this clinic I probably wouldn't get my teeth done because I have no money," she said.

She is grateful for students like Coenen, who is just one of many third and fourth-year dental students who volunteer at the clinic three times per month. With six student volunteers and at least one UNMC faculty

member per clinic session, the clinic will care for about 30 to 36 disadvantaged or uninsured patients a month that otherwise might not receive care. Volunteers mostly provide tooth extractions, but also offer restorations, dentures, and dental hygiene care – all free of cost.

"Having the students here is great, we really couldn't do it without them," said Pat Hupp, dental clinic coordinator. "We hear all the time how grateful these patients are."

UNMC dental students and faculty have been volunteering at the clinic for the last five years, and it has become a place for students to gain experience and repetition on procedures they will perform daily in their dental careers.

"This is purely a volunteer effort to help our community," said Jim Jenkins, D.D.S.,

assistant professor at the College of Dentistry. "And boy do our students love it. They do a great job and get fabulous experience."

It also provides students a chance to work with vulnerable populations, and gives them keen insights into how significantly oral health affects a person's overall health. While students spend a lot of their time extracting teeth, the clinic's focus is prevention.

"This clinic is a blessing and an opportunity for both students and patients," said Karen Schrader, PA-C, volunteer medical director for the People's City Mission Medical Clinic. "Tooth pain is without mercy; so through this clinic we aim to alter and slow down the decay and infection process. It allows us to help people economically and helps them smile again."

Military scholarships offer dental students a chance to serve

First-year dental student Mary Mercier was working as a dental assistant and sterilization tech at the UNMC College of Dentistry last year when she first heard about a military scholarship that would help her pay for dental school.

Interested in becoming a dentist since she was young, Mercier was already in the process of applying to dental school and learned about the scholarship from current students.

“They planted the seed in my brain and the more I learned, the better it sounded,” she said.

She was accepted into the dental class of 2021 and immediately applied for the Armed Forces Health Professions Scholarship Program (HPSP) through the U.S. Air Force.

At the time, she had no idea just how selective the scholarship program was. In December she learned she was one of just two students in an eight-state area to receive the scholarship. It meant that the Air Force would pay for her final three years of dental school and any academic-related costs, as well as provide a monthly stipend for living expenses.

“It was such a relief not to have to worry about taking out huge student loans,” she recalled.

Offered by the U.S. Navy, Army and Air Force, the scholarships pay for between one and four years of school for students pursuing careers in dentistry and other health professions. After graduating, dental



First-year dental student Mary Mercier is sworn into the U.S. Air Force by Paul Hansen, D.D.S., professor and retired U.S. Air Force colonel.

students become active-duty military dentists for a minimum of three years, plus a commitment to serve in the reserves. They also can pursue advanced education through the military.

While the financial benefits and travel opportunities are big draws, the HPSP has become a conduit for students to get their education and serve their country, said fourth-year dental student Nicole Searcey.

She received a two-year Air Force scholarship and graduated in May. Next, she will head to commissioned officer training at Maxwell Air Force Base in Alabama before returning to Offutt Air Force Base in Omaha. She will complete a one-year general dentistry residency program, then could be stationed anywhere across the globe.

“I love that my patient base will be people who are serving,” she said. “I’m excited to

be trained to the standards of the U.S. Air Force; I think they’ll push me to be a better dentist and a better citizen.”

The UNMC College of Dentistry currently has 12 students receiving HPSP scholarships, roughly two to four per class. Having so many classmates also in the military offers a sense of community, Mercier and Searcey said.

Mercier recently joined an honor society for Air Force dentists and Searcey started a Facebook page to connect current and former dental students in the military. The group meets a few times per year and recently organized a Skype call with a dental alum serving at Langley Air Force Base in Virginia.

“It has been a good platform for us to be able to bounce tips off each other and become more connected,” Searcey said.



Future issues of *Cornhusker Impressions* will feature photographs and stories about College of Dentistry alumni who are currently serving in the United States Armed Forces. If you wish to be considered for inclusion in this article, please contact Sydnie Hochstein, Communications and Community Relations Specialist, at sydnie.hochstein@unmc.edu.

Continuing Education Update

Weeth Lecture 2018



Jon B. Suzuki, D.D.S., Ph.D., M.B.A., and UNMC College of Dentistry Dean Janet M. Guthmiller, D.D.S., Ph.D.

The College of Dentistry's annual Weeth Lecture was given by Jon B. Suzuki, D.D.S., Ph.D., M.B.A., professor of periodontology and oral implantology at Temple University. His lecture, "Current Issues in Periodontics and Implantology" was held at the Mary Riepma Ross Theater on Jan. 5. A record 213 participants attended this year's lecture. While in Lincoln, Dr. Suzuki also met with periodontics residents and faculty members at the College of Dentistry.

What's New in Dentistry 2018



Harold Crossley, D.D.S., M.S., Ph.D.

More than 230 people attended this year's What's New in Dentistry CE event, given by Harold Crossley, D.D.S., M.S., Ph.D. Dr. Crossley's March 2 talk, "What's New in Pharmacology," discussed the clinical implications of marijuana, opiates, alcohol and some of the most popular physician-prescribed medications.

OKU National Dental Honor Society honors and awards

Omicron Kappa Upsilon new members include graduating seniors:

Alaina M. Allen, D.D.S.
Kevin J. Brodersen, D.D.S.
Xiaoxi Cui, D.D.S.
Landon R. Peterson, D.D.S.
Christopher T. Sullivan, D.D.S.

Newly inducted honorary member:

Gregory G. Oakley, Ph.D.

Sigma Phi Alpha new members include graduating seniors:

Elenita M. Donley, R.D.H., B.S.
Jessica M. Zimmerer, R.D.H., B.S.

Four-year teaching award:

Paul A. Hansen, D.D.S.

William S. Kramer Award of Excellence:

John Welk, junior dental student



From left are senior dental students Kevin Brodersen, D.D.S., Xiaoxi Cui, D.D.S., Christopher Sullivan, D.D.S., Alaina Allen, D.D.S., and Landon Peterson, D.D.S.



Dental hygiene seniors Jessica Zimmerer, R.D.H., B.S., (left) and Elenita Donley, R.D.H., B.S. (right).

*Dean Janet M. Guthmiller, D.D.S., Ph.D., was elected vice president of the Supreme Chapter of Omicron Kappa Upsilon. She will be the sixth president of the Supreme Chapter from Nebraska/UNMC College of Dentistry.



UNMC gives kids “Lessons in a Lunchbox”

The UNMC College of Dentistry presented the “Lessons in a Lunchbox: Healthy Teeth Essentials & Facts About Snacks” program to a full house at Saratoga Elementary School on Jan. 31.

Sponsored by The Children’s Oral Health Institute (COHI), “Lessons in a Lunchbox” is an oral health literacy program developed to teach children about routine dental care and healthy eating habits using a “dentally designed” lunch box.

Jaimee Shropshire, R.D.H., B.S., clinical instructor in the UNMC Department of Dental Hygiene, presented the program in conjunction with the college’s sealant program. She distributed about 100 lunch boxes to second and third graders, and talked with the students about the box and about oral health care.

Each lunch box contains a “dental care in a carrot” case, which includes a toothbrush, toothpaste, dental floss and a rinse cup inside a carrot-shaped holder. On the inside, boxes also have illustrations showing how to brush and floss, as well as a “My Plate” nutritional diagram.

Shropshire’s presentation began with students dancing and clapping along while watching Crest Oral-B’s educational video, “Geena’s Tremendous Tooth

Adventure.” She then taught students about primary and permanent teeth, daily health habits like brushing and flossing, making healthy food choices, how we get cavities and how to take care of them, and what to expect at the dentist’s office.

She also demonstrated how to properly brush and floss teeth, using student volunteers, and challenged students to fill out a brushing and flossing chart at home for two weeks. The students who completed the chart and had it signed by their parents received a coloring book and mouthwash prize.

UNMC is one of 35 dental schools across the country to participate in the “Lessons in a Lunchbox” program in 2018. The college was also the first in the country to introduce the program after the initial pilot program was completed in Maryland in 2008. This year, the program is estimated to distribute 55,000 lunch boxes nationally.

In Nebraska, Shropshire and David Brown, Ph.D., professor of oral biology and outreach coordinator for the College

of Dentistry, hope to bring the program to more schools throughout the year.

“I believe programs like this will make a significant difference in the oral health of our children,” Dr. Brown said.



Engaged Alums: Alumni gifts help support students, patients

The recent acquisition of new intraoral cameras have made life in the clinic easier for dental students, faculty and patients at the UNMC College of Dentistry.

A joint gift from the Dental College Class of 1976 Fund for Excellence and the Dental College Class of 1977 Fund for Excellence, the college purchased 10 new Carestream CS 1500 intraoral cameras for use in patient care in each of the four student clinic groups, as well as the Silver Clinic. Students now have access to the cameras on a daily basis and are able to use them for treatment planning and case presentation purposes.

Meghan Hungerford Tylka, D.D.S., instructor in the department of adult restorative dentistry, was instrumental in the selection, purchase and integration of the cameras. A 2013 UNMC alum and part-time faculty member, Dr. Hungerford Tylka said the cameras are a common fixture in digital dental practices outside of school. In fact, photographs are increasingly required for insurance purposes, so learning how to use them is an important part of the students' education.

"Dentists in private practice use this technology every day for almost every patient," she said. "Our goal is that every new patient who comes to the college for a screening has intraoral photos taken for documentation sake."

The cameras also serve an educational purpose for patients. Photographs can make it easier for the student to communicate with the patient about their treatment. For example, if the student says a patient needs a crown, they are able to show the patient a picture of the tooth in question. This can help create a better provider-patient relationship.

"When patients can see and understand better the things you're telling them,



Meghan Hungerford Tylka, D.D.S., and D2 student Robert Meyer use an intraoral camera in the student clinic.

it helps them trust you more and sooner," Dr. Hungerford Tylka said.

In addition, the cameras were beneficial for senior dental students as they completed their mock clinical board exams. Students were able to take photographs of their preps and then refer back to the photos to reflect on their performance.

This gift is one of many examples of alumni support directly affecting student education at the College of Dentistry. The addition of the intraoral cameras will help prepare students to meet the expectations of their future patients in contemporary, digital dental practices.

"This fits in well with the college's digital dentistry initiative and I believe the student use of the new cameras will be high," said Julie Marshall, D.D.S., M.S., interim chair of the department of adult restorative dentistry.

"Thank you to the 1976 and 1977 dental graduates for establishing these Funds for Excellence," said Dean Janet M. Guthmiller, D.D.S., Ph.D. "It is through the generosity of many wonderful alumni and friends of the college that we are able to support such excellence in educational programming."

College of Dentistry Remembers

Douglas S. Hoy, D.D.S., '64, Oklahoma City, Okla., died Feb. 18, 2017. Dr. Hoy lived in Norman, Oklahoma, for many years and was in private practice as an oral surgeon for 39 years, retiring in 2006. He was a member of many professional organizations including the Xi Psi Phi International Dental Fraternity and the Southwest Society of Oral and Maxillofacial Surgeons.

Dwight W. Meierhenry, D.D.S., '63, Las Vegas, Nev., died Feb. 24, 2017. Following graduation, Dr. Meierhenry served as a lieutenant in the U.S. Navy, stationed in San Diego. He then began his dental practice in Las Vegas in 1965, where he practiced for over 50 years. Throughout his career, he enjoyed mentoring young dentists, serving in several notable dental organizations and teaching at the University of Nevada Dental School.

Nathaniel P. Booth, D.D.S., '71, Las Vegas, Nev., died Aug. 28, 2017. After graduation from dental school, Dr. Booth worked in private practice in Omaha and St. Johnsbury, Vermont. He then returned to UNO to earn a master's degree in counseling. He eventually founded his own motivational speaking company and was the author of numerous books.

John W. Stone, D.D.S., '48, Topeka, Kan., died Aug. 30, 2017. Dr. Stone was a U.S. Army World War II veteran before completing dental school in 1948. He practiced in Atchison, Kansas, from 1948-1951, then served as a 1st Lieutenant with the 1st Marine Division in Korea. In 1952, he and his family moved to Topeka, where Dr. Stone practiced general dentistry until his retirement in 1986. He was president of the Kansas Dental Association, a fellow of the American College of Dentists and acted as a medical/dental lobbyist for many years.

Thomas E. Miller, D.D.S., '62, North Platte, Neb., died Sept. 4, 2017. Prior to entering dental school, Dr. Miller served in the U.S. Army as a Medical Service Corps officer. Upon graduation, he assumed the practice of retiring Dr. L.A. Snavely in North Platte where he practiced for 40 years. He is a past president of the Nebraska Society of Dentistry for Children and enjoyed attending many post-graduate general dentistry seminars.

Caryle G. Reinmuth, D.D.S., '47, Lincoln, Neb., died Nov. 14, 2017. Dr. Reinmuth began his practice in York before relocating to Lincoln, where he practiced for 63 years. He was a U.S. Army World War II and Korean War veteran. He was also a member of the American Dental Association, Nebraska Dental Association, Lincoln District Dental Society and Xi Zeta Phi Dental Fraternity.

Earl L. Lampshire, D.D.S., '45, M.S., '51, Lincoln, Neb., died Nov. 25, 2017. Dr. Lampshire was a Lt. Colonel and dentist in the U.S. Navy. He practiced dentistry in Lincoln and was a member/officer of many dental and community organizations.

Jay Walt Segrist (John Walt Segrist, Jr.), D.D.S., '98, Rapid City, S.D., died March 29, 2018. After graduating from UNMC, Dr. Segrist started and built up his own practice in Rapid City. He was thankful for his co-workers and patients. He also volunteered with various local charities, including St. Francis Dental Clinic on the Rosebud Reservation.

Dennis B. Claridge, D.D.S., '70, Lincoln, Neb., died May 1, 2018. A former quarterback for the Huskers, Dr. Claridge spent three years in the NFL with the Green Bay Packers and the Atlanta Falcons. During the off season he attended the College of Dentistry. He chose to pursue dentistry full-time and never looked back. He received his master's degree in orthodontics from the University of Iowa in 1972 and returned to Lincoln to set up his practice. He loved dentistry as it allowed him to work with his hands and work with young people.

2018 ALUMNI REUNION

The UNMC College of Dentistry's 2018 Alumni Reunion will be held Sept. 7-8 at the Embassy Suites Hotel.

The Dental Museum will be open again this year — see the Alumni Reunion brochure for dates and times.

Other events include:

Sept. 6 | Dean's Club Reception

The Dean's Club Reception will begin at 6 p.m. at the Champions Club, 707 Stadium Drive

Sept. 7 | Continuing Education, Tours and Dinner Banquet

Join us for a breakfast buffet featuring speaker Greg Sharpe, the voice of the Huskers, and continuing education courses located at the Embassy Suites Hotel, 1040 P St.

We will also offer student-guided tours of the college and a dinner banquet featuring our honor classes.

This year's continuing education speakers are:

- Sung K. Kim, D.D.S., UNMC Department of Oral Biology
- Richard A. Reinhardt, D.D.S., Ph.D., and Amy C. Killeen, D.D.S., M.S., UNMC Department of Surgical Specialties

Sept. 8 | Cornhusker Football

Nebraska Cornhuskers vs. Colorado Buffaloes, Kickoff 2:30 p.m. at Memorial Stadium

For more information, check out the alumni reunion brochure on our website: unmc.edu/alumni.

The following four individuals will be honored at the awards banquet on Sept. 7:

2018 Honorary Life Membership Alumni Award:

David H. Shaw, Ph.D.

2018 Alumni Achievement Award:

Chris Nix, D.D.S.

2018 Distinguished Service Award:

Wayne B. Kaldahl, D.D.S.

2018 Outstanding Educator Award:

William W. Johnson, D.D.S., M.S.

2018 Annual Opportunities Fair

The University of Nebraska Medical Center College of Dentistry would like to invite you to attend the 2018 Annual Dental Opportunities Fair on Friday, Sept. 28.

Opportunities Fair attendees will be provided with a table and two chairs. Some tables can be provided with electricity. This program will give you an opportunity to meet students and discuss dental practice opportunities open to them after graduation.

Registration is required. Corporation Fee: \$100 covers two people and \$10 for each additional person; Individual practice: \$50 for two people and \$10 for each additional person.

When: Friday, Sept. 28, 2018

Where: University of Nebraska Medical Center, College of Dentistry
4000 East Campus Loop South/ Holdrege Streets
Lincoln NE 68583-0740
Lower Level Area

Opportunity Fair 10 a.m. - 2 p.m.; set up begins at 9 a.m. Lunch will be provided. Parking will be available in the east lot of the college.

The registration deadline is Friday, Sept. 14.

Late registration fee of \$125 for corporations and \$70 for individual practice.

Clip and Mail Registration:

_____ Corporation \$100 (for two) _____ Individual \$50 (for two)
(\$10 for each additional person for corporate and individual practice).

_____ Electricity _____ # in your party (provide names of attendees)

Name _____

Street _____

City _____ State _____ ZIP _____

Email _____

(registration confirmed via email).

Please indicate if you have special dietary needs

Mail, with check payable to the UNMC College of Dentistry, to:
Veronica McManamon
c/o UNMC College of Dentistry
4000 East Campus Loop South
Lincoln NE 68583-0740

vmcmanam@unmc.edu | 402-472-3285

Sponsored by the University of Nebraska Medical Center College of Dentistry in cooperation with Nebraska Academy of General Dentistry, Health and Human Services Office of Rural Health and the Nebraska Dental Association.

After you've read about all the great things happening at the **UNMC College of Dentistry**... help make it even greater.

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