

# Cornhusker Impressions

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





### Cornhusker Impressions Summer 2017

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

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#### On the cover:

Maria Lozano, DH3, Jaimee Shropshire, R.D.H, B.S., sealant program coordinator, and Kailee Hernandes, DH3, treat a pediatric patient as part of the dental hygiene rotation at Children's Hospital & Medical Center in Omaha.

## From the Dean

Dear Colleagues and Friends,

As you page through this issue of Cornhusker Impressions, I hope that you will be as inspired as I am regarding the great work that occurs not only in our education, research and service programs within the college, but also by the remarkable service that our students, faculty and staff provide to our community, our state and our world! While our center story focuses on providing oral health services to the needlest of our populations, I want to recognize that our "spirit of service" culture extends well beyond our professional lives.

The "spirit of service" our students, faculty and staff engage in include services to our respective communities in so many different ways. Our ASDA and SADHA student organizations support many local causes through fundraisers and volunteer activities. Our faculty and staff volunteer in our churches, schools and city recreational programs. We coach our children, we sing in choirs, we donate to those in need – the list could go on. Importantly, we approach each and every day with the "spirit of service" to our patients, to our students and to each other.

We also continue to work together in creating a positive environment that indoctrinates and celebrates our culture of service. At our most recent Professionals Day, our keynote speaker, Dr. Patrick Ferrillo, spoke about fostering a humanistic environment, describing to us the importance of creating an environment that brings out the best in our students. I would also advocate that such an environment is essential in support of our service efforts and bringing out the best in each and every one of us!

In the pages ahead, you will read about one of our engaged alums, Dr. Yoshiharu Ameku, and the many ways that his "spirit of service" has impacted our students, our patients, our programs, countless tribal elders in need of dentures and partials and the future of dentistry in our state.

I also hope you enjoy a new section highlighting faculty transitions and I believe you will quickly see the "spirit of service" that has been exemplified in the long and fulfilling careers of Drs. Brown, Harn and St. Germain. We thank them for their many years of service to the College of Dentistry and for inspiring us to continue to give back.

As always, please do not hesitate to contact me if there are particular stories that you would like to see shared or to share with us how the college may have impacted you to serve your profession, your patients and your communities.

Thank you for your continued support and friendship!

and M. Guthmules

Sincerely,

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

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

## Calendar

#### **Dental Museum Open House**

Sept. 6 - 9 | 8 a.m. - 5 p.m.

Sept. 10 | By appointment only

Sept. 11 | 8 a.m. - 5 p.m.

Sept. 12 & 13 | 8 a.m. - 9 p.m.

Sept. 14 & 15 | 8 a.m. - 5 p.m.

Sept. 16 | 8 a.m. - 12 p.m.

Tours are available by appointment. For more information call 402-472-1353 or email sharn@unmc.edu.

Lower level, UNMC College of Dentistry Lincoln, Neb.

#### Dean's Club Banquet

Sept. 14 | 6:15 p.m.

Embassy Suites Hotel, Lincoln, Neb.

#### Alumni Reunion

Sept. 15 & 16

Embassy Suites, Lincoln, Neb.

Features a luncheon and continuing

education presentations by

Drs. Al Burns and John Rutledge.

For more information or to register, visit www.unmc.edu/alumni

#### **Dental Opportunities Fair**

Oct. 13 | 10 a.m. – 2 p.m.

"Basic Cerec CAD/CAM for the

Speaker: Chris Nix, D.D.S.

Speaker: Chris Nix, D.D.S.

Lower level, UNMC College of Dentistry

Lincoln, Neb.

See page 19 for registration information.

#### **College of Dentistry Continuing Education**

#### Aug. 11

Golf and Learn 2017

"Medical Emergencies in the Dental Office" Speaker: John P. Gobetti, D.D.S.

#### Sept. 15

"You No Longer Need to Fear the Little People"

Speaker: Al Burns, D.D.S.

"Race to the Top: How Digital Wax-ups, 3D-Printing, and CAD/CAM Abutments and Restorations Will Take Your Implant Practice to the Next Level"

Speaker: John Rutledge, D.D.S.

#### Speaker: TBD

Nov. 3

Implant Update

Oct. 6

Oct. 13

General Practice"

"Differential Diagnosis of Oral Mucosal & Bone Diseases"

Speaker: Nagamani Narayana, D.M.D., M.S.

"Hands On: Create a CAD/CAM Restoration"

#### Sept. 22

"Intro to Dental Sleep Medicine: The Good, The Bad, and The Dangerous!"

Speaker: Dan Tylka, D.D.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/continuinged/courses

## Faculty Anniversaries



Paul Hansen, D.D.S.

Professor,

Department of

Adult Restorative Dentistry

10 years



Sundaralingam Premaraj, B.D.S., M.S., Ph.D., FRCD(C) Associate Professor and Orthodontics Program Director, Department of Growth & Development



Thomas Petro, Ph.D.

Professor,

Department of Oral Biology

30 years



Nicole Searcy, D3, completed her summer research fellowship in 2016 with her faculty mentor, Paul Hansen, D.D.S. Searcy presented her research project, titled "Comparison of Techniques for Bacterial Disinfection of Dental Casts," at Professionals Day and at the IADR/AADR Annual Meeting in San Francisco in March.

# Summer fellowships offer students an in-depth research experience

Offering opportunities for student research has long been a part of the College of Dentistry's mission. While historical records show that student research fellowships at the COD date back to the 1970s, college faculty and administrative members took the next step to formalize a research fellowship program in 2001.

Today, the Student Summer Research Fellowship (SSRF) program awards around 10 fellowships each year to dental or dental hygiene students. Students can conduct research on their own, or can team up in pairs for a chance to participate in an indepth project with faculty mentorship.

"The goal is to have up to 25 percent of each class involved in a more intense research experience," said David Shaw, Ph.D., professor and chairman of the department of oral biology, and interim associate dean for research.

Dental students are awarded a stipend and supply budget; dental hygiene students also are awarded a budget for materials and supplies. Students are expected to spend five weeks during summer break working on their project with their faculty mentor. Projects range from basic science research, translational research, clinical research or educational research.

D2 students Corinne Van Osdel and Jordan Paulsen were among the students receiving awards this year, and are pursuing their project titled "Effectiveness of an E-Module in Diagnoses and Patient Education of Dry Mouth." Their idea to create an interactive iBook about xerostomia came from their

positive experience using e-modules in Dr. Mary Lynn Froeschle's diagnosis and treatment planning class. They will rely on her mentorship, as well as that of Dr. Nagamani Narayana, who has experience writing iBooks for her pathology classes.

"We are compiling published research, case studies, textbooks and up-to-date information on pharmacology to write the iBook in an interactive format," Paulsen said. "We will then be incorporating a three-step research process."

That process includes administering a pretest for participating students who have taken one year of oral pathology, then requiring the students to participate in the newly-designed e-module, and finally administering a post-test and survey to assess the application and efficacy of the e-module.

"Our survey will be designed for students to give feedback on whether or not they found the e-module helpful, convenient, and clinically applicable," Paulsen said.

For each research project, faculty members assist students in "navigating the research maze," said Richard Reinhardt, D.D.S., Ph.D., professor in the department of surgical

specialties. He has been involved with the SSRF program since its inception, mentoring dozens of students over the years.

"We help with things like animal care authorization, institutional review board involvement or lab procedures – things that most students have limited experience with," Dr. Reinhardt said. Faculty mentors also help oversee the project and supervise students, making sure that expectations are met and any unfinished work is completed during the fall semester.

The fellowship is open to all COD students, although most dental students apply following their second year in order to start developing a research project for their Professionals Day requirement. Students submit a proposal to the research committee, which evaluates all submissions based on a number of categories including significance and scientific merit.

While often considered a rigorous program, students who participate reap many benefits. Not only do they receive a stipend, they also get the chance to interact closely with faculty members. Students are required to submit progress reports, and are expected to submit an abstract to be presented at a national meeting. In addition, many of the

students awarded these fellowships go on to enroll in residency and graduate programs.

The opportunity to work collaboratively with others at the College of Dentistry was one reason Nicole Searcy, D3, decided to apply for the research fellowship. Searcy completed her fellowship in 2016 and worked closely with Paul Hansen, D.D.S., professor in the department of adult restorative dentistry, as well as with classmates Kevin Brodersen and Chris Sullivan. She enjoyed working in Phyllis Kumm's laboratory, taking surface swabs of casts, then plating and culturing the resulting bacteria to measure the effectiveness of disinfectants.

She was selected to present her poster at the International Association for Dental Research (IADR)/American Association for Dental Research (AADR) Annual Meeting in San Francisco in March 2017.

"My favorite part was going to San Francisco to present my poster," she said. "It's interesting to see what kind of research other people are doing and was good to connect with colleagues from other states and countries."

Through the SSRF program, the college is fulfilling an obligation to provide students with research experience at the highest level.

"Biomedical science has to be based on some repeatable research, something that makes biomedical and scientific sense," Dr. Reinhardt said. "Unless you actually conduct the research, you don't fully appreciate the nuances that come out of science. At the end of the day, I think the students appreciate what they've contributed."

Conducting research as a student also enhances their skills and knowledge to continue advancing the science of dentistry, Van Osdel said.

"Ultimately, quality research is the cornerstone of improved dental health, leading to an overall improved quality of life," she said. "Technology in dental education has furthered our success, and we believe it will continue to do so as we learn and grow in our careers."

To learn more about the Student Summer Research Fellowship, including funding sources and opportunities, visit: unmc. edu/dentistry/research/student-research.

#### List of FY 2018 projects:

Principal Investigator(s)	Student(s)	Title
Dr. Henry St. Germain	Kiya Stack Sarah Genrich	Polymerization Characteristics of Resin-Composite Cements
Dr. Sung Kim	Lindsey White Sarah Sexton	A Comparison Study of Linear Measurements on Panoramic Images and Cone Beam CT (CBCT) and the Clinical Implications on Implant Dentistry
Dr. Sundaralingam Premaraj	John Welk	Anthropometric Neck Length Measurements as a Predictor of Severity of Obstructive Sleep Apnea in Adults
Dr. Sundaralingam Premaraj	Anna Schoettger Frannie Hollinger	Prevalence of Snoring and Sleep-Disordered Breathing in Children from an Orthodontic Setting
Dr. Nagamani Narayana	Keenan Fischman	Accuracy of Dental Clinicians In Diagnosing Common Oral Pathologies: A Retrospective Study
Dr. Nagamani Narayana	Cody Lindley	Effectiveness of an E-module in Differential Diagnoses of White Lesions of the Oral Cavity
Drs. Mary Lynn Froeschle & Nagamani Narayana	Corinne Van Osdel Jordan Paulsen	Effectiveness of an E-Module in Diagnoses and Patient Education of Dry Mouth
Drs. Mary Lynn Froeschle & Jennifer Kallio	Brooke Kittell Clare Espinosa	Improving Transition into UNMC Dental Clinics Through a Digital Clinic Manual
Dr. Richard Reinhardt	Jonathan Isaacson	Regeneration of Gingival Papilla in Rat Model
Dr. Richard Reinhardt	Zachariah Pieper	Model for Gingival Papilla Recession



Above: From left, Marian Schmid, research technologist II; Richard Reinhardt, D.D.S., Ph.D., professor; Zackery Krei periodontics post-graduate student; and Jon Isaacson, D2, work on their summer research projects.

Below: From left, D2 students Corinne Van Osdel and Jordan Paulsen will spend the summer pursuing their research fellowship project, titled "Effectiveness of an E-Module in Diagnoses and Patient Education of Dry Mouth."







Jill Wallen, B.D.S., M.S., Chair, Department of Growth & Development Interim Dental Director, Charles Drew Health Center

## Expanding our presence in Omaha

The little girl sat stoic but patiently in the large, tan dental chair waiting for her treatment to finish.

After the small silver crown was in place, she happily jumped out of the chair, took the sugar-free lollipop offered her by the pediatric dentistry resident, grabbed her mother's hand and headed down the hallway.

She was just one of many patients seen on a sunny Friday afternoon in June at the Charles Drew Health Clinic by two pediatric dentistry residents and supervised by Jill Wallen, B.D.S., M.S., chair of the department of growth and development at UNMC's College of Dentistry and interim dental director at Charles Drew.

"Being able to work in a federally qualified health center like Charles Drew is an experience like no other for these residents," Dr. Wallen said.

Many of the patients who come there live within walking distance and are members of the Karen and Nepali refugee communities, she said.

The partnership with Charles Drew is an extension of the work that started in 2015 with a \$2.2 million, five-year grant from the Health Resources and Services Administration (HRSA), an agency of U.S. Health and Human Services.

It also fulfills the commitment in the \$4 million state contract awarded to the UNMC College of Dentistry in February to expand our services to the underserved in Nebraska.

Also in fulfillment of the HRSA award and the state contract, the pediatric residents provide care to Hispanic immigrants, as well as Somali and Sudanese refugees in south Omaha through telehealth services provided to four Omaha Public School-based health clinics operated by OneWorld Community Health Centers, Inc.

Those schools access pediatric specialists using telehealth equipment – an intraoral camera and iPad – provided to the school nurse. The nurse then consults on cases with pediatric residents regarding the child's oral health issues. Residents and faculty assist in identifying a dental home for the children.

Dr. Wallen said she hopes to expand those telehealth services to the two north Omaha school-based health centers operated by Charles Drew.

## 30 years of the Continuing Education Caravan

For the past three decades, the College of Dentistry has been committed to bringing continuing education courses to its alumni across the state of Nebraska.

This year, the continuing education caravan traveled to Ashland, Kearney, North Platte and Scottsbluff to provide education to alumni dental health professionals on contemporary topics in pediatric dentistry and evidence-based dentistry.

This year's speakers included:

- Bryan Skar, D.D.S., assistant professor in the department of growth and development, who presented "Contemporary Topics in Pediatric Dentistry."
- Lisa Moravec, R.D.H., M.S., coordinator of the West Division Dental Hygiene Program and an assistant professor in the department of dental hygiene, who presented "PICO Questions, Critical Thinking, and Evidence-Based Dentistry -- What's This All About?"

Merlyn Vogt, D.D.S., assistant dean for student affairs, introduced the speakers and UNMC College of Dentistry Dean Janet Guthmiller, D.D.S., Ph.D., gave a college update. Brook Jobes, director of development, University of Nebraska Foundation, accompanied the group to visit dental offices of alumni members along the route.

In Scottsbluff, the group participated in a demonstration of an interactive digital iWall, which will link the UNMC College of Dentistry West Division Dental Hygiene Program, the UNMC College of Nursing West Nebraska Division, and Western Nebraska Community College in Scottsbluff with users at the iEXCEL Visualization Hub at UNMC in Omaha. The iWall is part of UNMC's iEXCEL initiative to transform collaboration and communication across our 500-mile-wide campus.

Dr. Vogt has participated in the caravan since 2007 and has always been amazed at the commitment many alums have to



Left to right: Merlyn Vogt, D.D.S., Brook Jobes, University of Nebraska Foundation, UNMC College of Dentistry Dean Janet Guthmiller, D.D.S., Ph.D., Lisa Moravec, R.D.H., M.S., and Bryan Skar, D.D.S., at the 2017 Continuing Education Caravan.

the College of Dentistry, evidenced by their attendance each year. Rain, shine, or technical difficulties, the caravan is always an exciting opportunity to connect with colleagues throughout Nebraska.

"One truly gets to know one's fellow faculty colleagues while traveling across the state for a week," Dr. Vogt said. "Each caravan has been unique, and each trip is full of great memories, none of which would be possible without the tremendous support of our alumni and the College of Dentistry Alumni Association. Thirty years of the continuing education caravan is quite an incredible commitment on the part of Deans Leeper, Reinhardt and Guthmiller."

"The caravan has been a great opportunity to connect with our alumni across the state and provide cutting-edge

continuing education by our expert faculty," Dr. Guthmiller said.

Looking to the future, the College of Dentistry will consider new ways to maximize the impact of the continuing education caravan trip, as well as other outreach trips such as Panhandle Children's Dental Day, with the goal of reaching as many alumni and patients as possible.

## **Faculty Transitions**



David G. Brown, Ph.D.

David Brown, Ph.D., executive associate dean for academic affairs and professor of oral biology, will

step down from his administrative role in the coming months. He will continue to work at the College of Dentistry on a part-time basis to continue his work in dental outreach, community service and wellness. Dr. Brown joined UNMC in 1981 as chairman of the department of oral biology. After 10 years he moved into the associate dean for academic affairs role, and took on responsibility for the college's community service and outreach efforts.

Number of years at UNMC: 36

Number of outreach/volunteer/wellness events over the years: Estimated 150

Why did you choose UNMC? Dentistry is a small world. While teaching at Southern Illinois University, it turned out that I had gone to graduate school with two people on the faculty at UNMC at the time. They asked me if I would apply, and I did. Interestingly, the dean at that time was Dr. Henry Cherrick, and he had been the dean at Southern Illinois University while I was working there. I didn't know he came to UNMC, and he didn't know I had applied for the job until the search committee chair gave him the candidate list.

#### What have you enjoyed most about your career at UNMC?

Overall, one of the best things has been the opportunity to be involved in so many different things, and to be able to take part in a variety of activities. This is a relatively small school, it's in the Midwest, but it's on the frontier of dental education. If you have good ideas, it's easy to get involved and have your ideas heard. That's been very positive.

What are your future plans? I may still be doing some teaching along with the bigger events like dental day or SHARING Clinic. Then I want to do some traveling. We are doing a cruise to the Virgin Islands, and I have some other places I want to go back to, including Cabo and other sites along the Mexican Riviera.



Stanton D. Harn, Ph.D.

Stanton Harn, Ph.D., professor of oral biology and curator of the College of Dentistry Dental

Museum, retired July 15, but will continue his work with the dental museum on a volunteer basis. Dr. Harn began his UNMC career in 1972 and has been the college's sole anatomy professor ever since. Over the years, he became more involved in dental outreach projects like Children's Dental Day and SHARING Clinics. He founded the dental museum in 1977, and it has grown to one of the three largest dental museums in the country.

Number of years at UNMC: 45

Number of students taught over the years:

Best guess is more than 3,100

What brought you to UNMC? The reason I picked UNMC is that I had the opportunity of designing an anatomy course my own way. I could have done that at some of the other places I interviewed, but this happened to be in a nicer area, as they say, "the good life." I felt like my opportunities here were better and more to my liking.

What are you most proud of in your career? Probably just the ability to relate to most of the students that I teach. I have been given a lot of teaching awards that are always appreciated, but the relationships mean the most. As a teacher, you look at events like graduation with different eyes. One is congratulatory, and the other is sadness. They're starting a new chapter. But when you see them in the future, you always have that special association.

What's next for the dental museum? In retirement I would like to devote even more time to the museum. I'm always looking for more items where I go, so I hope to do more of that now. I would like to try to continue to raise money or find someone to sponsor the museum, and I have been trying to find it a permanent home. It will be open again for the alumni reunion this year, so I'll keep giving tours and try to educate our students and alumni about the history of dentistry.



## Henry A. St. Germain Jr., D.M.D., M.S.D., M.A.Ed.

Henry St. Germain, Jr., D.M.D., M.S.D., M.A.Ed., professor in the department of adult restorative dentistry retired July 7

following the conclusion of the summer semester. He came to UNMC in 1995 as the director of operative dentistry after a 20-year career in the U.S. Navy Dental Corps. He then spent 16 years as chair in the department of adult restorative dentistry, before stepping back into his role as a professor in 2013 to focus on teaching, scholarly writing and research.

Number of years at UNMC: 22

Number of office changes over the years: Three

Why did you decide to go into dentistry? My father was a jeweler and watchmaker, and he had a big influence on me. I thought about taking over the family business, but then my family dentist asked me what I wanted to do for a career, and encouraged me to look into dentistry. I visited his office a few times to see what he did each day, and said to myself, 'I could do that too.' I see dentistry as a combination of art and science, so I thought it might be a perfect match. I'd say it turned out pretty well for me. Fortunately, my father was always encouraging and very supportive of me going into dentistry.

What will you miss most? My students, colleagues and the teamwork that comes along with working in a group. It also has been hard to say goodbye to my patients in our faculty practice. In the military, either your patient moves or you move. But here, I have patients I've been seeing for 20 years. I've seen their families grow up. One of my patients is 101 years old, and I just recently did some crowns for him.

#### What were some of your highlights over the years?

- Receiving the UNMC Award for Distinguished Teaching in 2002
- Receiving the Dr. George W. and Jane Boos Ferguson Faculty Excellence Fellowship Award in 2005
- Serving as president of the Nebraska Dental Association in 2012
- Receiving the Dr. Kenneth Batenhorst Memorial Teaching Award in 2014

**Any final thoughts?** It's been a very full career for me here at the College of Dentistry. I've been lucky to have two of these careers, my third will be retirement. It has been nice to see some younger faculty members join us over the past few years, and I know the future of the COD will be in good hands.

## OKU National Dental Honor Society honors and awards

#### **New Omicron Kappa Upsilon members::**

Kyle J. Hascall, D.D.S.

Rachel C. Soyland, D.D.S.

Bradley M. Herman, D.D.S.

Molly D. Kopf, D.D.S.

Derek M. Miller, D.D.S.

#### Newly inducted faculty member:

David E. Zalewski, D.D.S.

#### **New Sigma Phi Alpha members:**

Danielle E. Lowe, R.D.H, B.S. Nicole A. Steinhauser, R.D.H., B.S.

#### Four-year teaching award:

Henry A. St. Germain, Jr., D.M.D., M.S.D., M.A.Ed.

#### William S. Kramer Award of Excellence:

Alaina Allen, junior dental student



From left are senior dental students Kyle Hascall, D.D.S., Rachel Soyland, D.D.S., Bradley Herman, D.D.S., Molly Kopf, D.D.S., and Derek Miller, D.D.S.



Dental hygiene seniors Nicole Steinhauser, R.D.H., B.S. (left), and Danielle Lowe, R.D.H., B.S. (right), with Lindsay Mundil, R.D.H., M.A., assistant professor, dental hygiene (middle).

The Spirit of Service

The people of the College of Dentistry have always believed in the value of helping others, serving underserved communities and instilling a "spirit of service" in our faculty, staff, students and alumni. Over the years, this spirit of service has come to mean many different things to different people, from volunteering at a local free clinic in Lincoln, traveling to one of western Nebraska's rural communities for Children's Dental Day, or flying to the other side of the world to provide much-needed dental care to people in need.

While some of these outreach activities are sponsored by the College of Dentistry, oftentimes, our students and faculty volunteer on their own time through outside organizations with similar missions. Whatever the activity may be, the message is clear – it is our duty and mission to serve our community, the state, the region and the world by providing accessible dental care to those that need it the most.

Here are a few highlights of this "the spirit of service."

#### **Children's Dental Day**

Held twice a year since the early 2000s, Children's Dental Day events in Lincoln and in Nebraska's Panhandle provide free dental care to hundreds of children in need. Dental Day is one of the college's largest and most important outreach efforts, and it's easy to see why. Between the two events in 2017, faculty, students, residents, staff, alums and community dentists provided around \$260,000 in free dental care to more than 400 children. Aside from the financial help, the outreach also provides a "dental home," dental education and other valuable resources to children and families.

#### **Mission of Mercy**

Around 50-60 College of Dentistry faculty, students, residents and staff members volunteered for the Nebraska Mission of Mercy, a program aimed at providing free dental care to adults and children who are uninsured, under-insured or otherwise have difficulty getting to a dentist. UNMC is a major contributor to the event each year, although volunteers must do so on their own time. In 2017, participants traveled to Grand Island, Neb., to help perform 9,000 procedures – valued at more than \$760,000 worth of free dental care – for more than 1,200 patients over a two-day period.

#### **Mission Trip to Haiti**

A yearly mission trip to Haiti – organized by local pediatric dentist and UNMC College of Dentistry alum Marty Killeen, D.D.S. – offers dental students a chance to provide free dental care to thousands of people in the city of Hinche. This year, several UNMC dental students and residents joined the team of 10 dentists, two doctors, two nurses, a dental assistant and other volunteers to provide dental care to 1,800 people and medical care to 1,000. The services were valued at more than \$500,000.



## UNMC College of Dentistry on the national scene

Many UNMC College of Dentistry faculty and students attended or presented the results of their educational projects or their research at national meetings and conferences across the country. These meetings give faculty and students opportunities to network with colleagues, and learn about the latest and greatest in the field of dentistry and dental research.

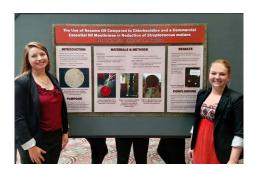


## ADEA Annual Session & Exhibition Long Beach, Calif. | March 2017

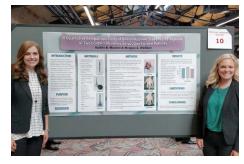
Participants included: Marianne Day, D.D.S., assistant professor, adult restorative dentistry; David Dunning, M.A., Ph.D., professor, oral biology; Mary Lynn Froeschle, D.D.S., M.B.A., associate professor, adult restorative dentistry and director of continuing education\*; Peter Giannini, D.D.S., M.S., associate professor, oral biology; Janet Guthmiller, D.D.S., Ph.D., dean, College of Dentistry\*; Gwen Hlava, R.D.H., M.S., professor and chair, dental hygiene; Jennifer Kallio, D.D.S., clinical assistant professor, adult restorative dentistry\*; Brian Lange, Ph.D., professor, oral biology; Myhanh Phan-Rinne, D.D.S., assistant professor of adult restorative dentistry\*; David Shaw, Ph.D., professor and chairman, oral biology, interim associate dean for research; Merlyn Vogt, D.D.S., assistant dean for student affairs; Roy Burkhalter, D4\*; Grant Essink, D4\*; Frannie Hollinger, D2; and Corinne Van Osdel, D2.

#### ADHA Annual Conference | Jacksonville, Fla. | June 2017

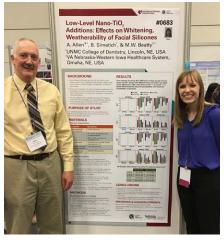
Participants included: Lisa Moravec, R.D.H., M.S., coordinator and assistant professor, dental hygiene; Jason Brisbin, DH3; Ashley Keim, DH4\*; Kaitlin Masten, DH4\*; Michelle Tinglum, DH4\*; and Morgan Wallace, DH4\*.



From left are DH4 students Ashley Keim and Michelle Tinglum.



From left are DH4 students Morgan Wallace and Kaitlin Masten.



# IADR/AADR/CADR General Session & Exhibition San Francisco, Calif. March 2017

Participants included: Mark Beatty, D.D.S., M.S.E., M.S.D., M.S., professor, adult restorative dentistry\*; Gerard Byrne, B. Dent Sc., M.S.D., associate professor, adult restorative dentistry\*; Janet Guthmiller, D.D.S., Ph.D., dean, College of Dentistry\*; Paul Hansen, D.D.S., associate professor, adult restorative dentistry\*; William Johnson, D.D.S., M.S., professor and vice chair, adult restorative dentistry; Jeffrey Payne, D.D.S., M.Dent.Sc., professor, surgical specialties\*; David Shaw, Ph.D., professor and chairman, oral biology, interim associate dean for research; Dental students presenting their work: Alaina Allen, D3\*; Kevin Brodersen, D3\*; Aaron McCoy, D3\*; Nicole Searcey, D3\*; Christopher Sullivan, D3\*; and Jordan Wineland, D3\*.

\*Indicates presenters

## Professionals Day event highlights dental research and humanism

The 31st annual College of Dentistry Professionals Day and 50th annual Student Scientific Program was held March 31 at UNL's East Campus Union in Lincoln.

The daylong event provides students, staff and faculty with the opportunity to share professional and scholarly activities with each other and with the greater dental community.

The Student Scientific Program featured 50 research posters by junior dental, senior dental hygiene, postgraduate students and faculty members. A panel of faculty members judged each presentation and winners were announced at an afternoon awards ceremony. Winners were selected in three categories:

- Dental Hygiene: Ashley Keim and Michelle Tinglum, "The Use of Sesame Oil Compared to Chlorhexidine and Listerine in Reduction of Streptococcus Mutans." Mentors: Nicole Baker, Kail Bowman and Dr. Ann Buchmann
- Dental: Devin Irene, "e-Learning's Effect on Dental Student Understanding, Satisfaction, and Retention vs Traditional Lecture." Mentors: Drs. Sung Kim, Mary Lynn Froeschle and Nagamani Narayana
- Postgraduate: Paul Johnson, D.D.S., "Evaluation of the Emerging Subgingival Microbiome and Inflammatory Mediator Profile after Dental Implant Placement." Mentors: Drs. Car Reen Kok, Joao Carlos Gomes Neto. Robert Hutkins. Amanda Ramer-Tait, Marian Schmid and Jeffrey Payne.

First place winners in the dental and dental hygiene categories present their research at various national conferences subsequent to Professionals Day, Keim and Tinglum presented their research at the Annual Conference of the American Dental Hygienists' Association in

Jacksonville, Fla., in June 2017. Irene will compete at the 47th Annual Meeting & Exhibition of the American Association for Dental Research (AADR) and 42nd Annual Meeting of the Canadian Association for Dental Research (CADR) in March 2018 in Fort Lauderdale, Fla.

First, second and third place finishers in each category received cash awards totaling more than \$1,000. These awards are made possible by the support of Dentsply, International College of Dentists, Lincoln District Dental Association, Nebraska Dental Association and the Alpha Lambda Chapter of Sigma Phi Alpha, the national dental hygiene honor society.

"Professionals Day is an opportunity for our entire collegiate community to gather and celebrate our faculty, staff and student accomplishments, the inspirational inquiry of our student researchers and their mentors, and to stimulate our continued professional growth as individuals and as an organization," said Janet Guthmiller, D.D.S., Ph.D., dean of the UNMC College

The event also featured Patrick Ferrillo Jr., D.D.S., as the 2017 Richard E. Bradley Memorial Lecturer. Dr. Ferrillo has more than 30 years of experience in dental education. Most recently, he was the former dean at the University of the Pacific, Arthur A. Dugoni School of Dentistry.

Dr. Ferrillo spoke about the importance of humanism in dental education. He also spent time talking with student leaders, faculty and staff about the humanistic approach, which, at its core, means creating an environment that brings out the best in students.



The 2017 Richard E. Bradley Memorial Lecturer Patrick J. Ferrillo Jr., D.D.S.

The day culminated with an awards ceremony and honors convocation celebrating student researchers as well as faculty, staff and student accomplishments.

## Celebrating our graduates!



James Jenkins, D.D.S., Scott Wilmes, and Ernest Sigler, D.D.S.

Shala Hoang and Gwen Hlava, R.D.H., M.S.



Members of the Dental Class of 2017

West Division Dental Hygiene graduates and faculty members. Front row: Lisa Moravec, R.D.H., M.S., Michelle Tinglum, Nicole Baker, R.D.H., B.S. Back row: Gwen Hlava, R.D.H., M.S., Ashley Keim, Kaitlin Masten, Morgan Wallace, Dean Janet Guthmiller, D.D.S., Ph.D.





## 2017 College of Dentistry Graduates

#### College of Dentistry

Michael David Adams Nolan Ryan Andrews Ariel Marie Atwood Kimberly Jacqueline Barth Rahul Batra William D. Baune Mattie Claire Bertels Levi Pearce Brinkerhoff Roy Sidney Burkhalter Garrett Hunter Bush Mary Leah Canarsky\* Mary Chapman Zachary D. Christopherson Shawn Michael Custer Grant Timothy Essink Joshua John Folchert\*\* Kyle Joseph Hascall\*\*\* Thales Christian Haskell Margaret Leah Hedlund Bradley Michel Herman\*\* Madison Marie Horsch Tyler A. Johnson Allison M. Kern Molly Delora Kopf\*\*\* Claire Christine Koukol Edward Alex Kusek Troy R. Larsen

Taylor Melvin Maier Derek M. Miller\*\* **Brock Thomas Nelsen** Johnathon L. O'Brien Sean D. Pauley Rafaila Ramirez Olivia Suzanne Rauschenbach Steven Vaughn Ready\* Kelsey Marie Sasse Melissa Marie Schock Lauren Marie Schroeder Seth Thomas Schroeder Caitlin Marie Schultz Mallory F. Shanahan Jill R. Smith Rachel Claire Soyland\*\* Hillary G. Van Dyke Katie Jo Walker Scott T. Wilmes\*\*

#### Dental Hygiene -Lincoln Division

Alyssia Ann Casillas Rebecca Marie Gilleland Rachael Marie Gragson Lisa Marie Henseleit Tracy L. Herbst

Shala A. Hoang Audrey A. Kastrup Caslyn Kay Lange Matthew Douglas Lehechka, Danielle Elizabeth Lowe\*\* Megan Elizabeth Merz Katherine Anne Miller Sierra Raven Miranda Sierra Nicole Monif Quynh Thi Thuy Nguyen Natasha Shanta Patel Dustin R. Schock Summer Ariel Cottam Scorvo Nicole Alexandra Steinhauser\* Dana Lynn Volk

#### Dental Hygiene – West Division

Ashley Kay Keim Kaitlin Brianne Masten Michelle Rae Tinglum Morgan Anne Wallace

- \* with Distinction
- \*\* with High Distinction
- \*\*\* with Highest Distinction

### Where are they going?

Immediate career plans for 2017 dental graduates

- 32 In Practice
  - 12 Practicing in Nebraska
  - 20 Practicing in other states
- 13 Advanced education residencies
  - 6 at UNMC program
  - 7 at other programs (6 univeristy, 1 military)
- 1 United States Military

Immediate career plans for 2017 dental hygiene graduates

- **19** Private practice
- 5 Other





## **Kudos**



Lisa Moravec, R.D.H., M.S., assistant professor and coordinator, West Division dental hygiene program

#### Moravec named Dental Hygienist of the Year

In recognition of her years of outstanding service and leadership in the dental hygiene profession, Lisa Moravec, R.D.H., M.S., assistant professor in the department of dental hygiene, received the 2017 Dental Hygienist of the Year award at the Nebraska Dental Hygiene Association (NDHA) Annual Session in April.

Since the day she served as secretary of the NDHA during her senior year of the dental hygiene program at the UNMC College of Dentistry, Moravec has devoted her professional life to enriching the dental hygiene profession.

"My love for the profession has grown ever since and I am humbled and honored by this award," Moravec said.

Moravec graduated with her bachelor's degree in dental hygiene in 2002 from the UNMC College of Dentistry and received her master's degree in dental hygiene with an emphasis in education from Idaho State University in 2011.

She has served in a variety of roles with the American Dental Hygienists' Association, Nebraska Dental Hygienists' Association, Panhandle Component Nebraska Dental Hygienists' Association, Student American Dental Hygienists' Association, Student American Dental Education Association, UNMC College of Dentistry Alumni Association and Dean's Advisory Board, and the Nebraska Panhandle Area Health Education Center.

Through it all, Moravec said she has tried to use every opportunity to advance the profession, be a mentor to colleagues, and provide engaging, evidence-based learning opportunities for her students.

"I have had the privilege of serving as the site coordinator for the UNMC College of Dentistry West Division Dental Hygiene program for nine years now and I still learn something new each day," Moravec said.



Stanton Harn, Ph.D., professor in the department of oral biology

#### Dr. Harn receives NDA 2017 President's Award

Stanton Harn, Ph.D., former professor in the department of oral biology, received the 2017 President's Award from the Nebraska Dental Association at the Annual Session on April 28.

Dr. Harn was chosen for the award in appreciation of his service and dedication to dental students, dentists and the preservation of the history of the dental profession. Dr. Harn started the UNMC College of Dentistry Dental Museum in 1977, and it has grown to be one of the three largest collections of dental artifacts in the country.

Each year, the museum opens during the UNMC College of Dentistry Alumni Reunion. Dr. Harn gives tours of the museum to any interested groups, and uses it as a teaching opportunity for dental students and dental professionals.

"It's the perfect opportunity to physically show students the history of our profession," he said. "Part of my mission is to continue to educate students about our history."

Throughout his tenure, Dr. Harn has received numerous teaching awards, including an honorary membership to the Nebraska Dental Association in 1990.

"It was great to be given the President's Award," he said. "I felt elated, and was honored they chose me."

## Notes from the NU Foundation

by Brook Jobes



Brook Jobes Director of Development, UNMC College of Dentistry, University of Nebraska Foundation

As many of you know, for the past 30 years the UNMC College of Dentistry has set out across Nebraska to provide continuing education for our distinguished alumni. This past May, Dean Guthmiller invited me to join her on the drive across the state.

Along the way, we were able to stop and visit many of our alumni dental practices. It was quite exciting for me to see our alumni in these environments and using their tremendous education to live out their passion. In many cases, this brought about conversations about how fortunate they felt to have received the education they did from the UNMC College of Dentistry and its impact on their lives—allowing them to live out their dreams of becoming a dental professional.

For several, this is the driving factor behind why they choose to give back their hard-earned savings to the dental college—to ensure our current and future students have access to the same education and possibilities. Every day, I continue to admire the loyalty and generosity of our alumni to the UNMC College of Dentistry.

### College of Dentistry Remembers

Roger L. Albertson, D.D.S., '88, Watertown, S.D., died Jan. 30, 2017. Dr. Albertson was a veteran of the U.S. Army and practiced dentistry in South Dakota for 28 years. He took a lot of pride in his practice, staff and patients.

William C. Day, D.D.S., '55, Monroe, Mich., died March 8, 2017. After completing post graduate training at UNMC, Dr. Day spent his career in Virginia as a pediatric dentist. Dr. Day enjoyed model airplane building and was known for sharing them with his young patients as a visit souvenir. He was honored by the Virginia Dental Association for 60 years of service.

William A Dall, D.D.S., '70, Omaha, Neb., died March 9, 2017. Dr. Dall attended Creighton University and served in the U.S. Navy for four years before entering dental school. He was president of his class, and took the Nebraska and New England board exams following graduation. He practiced for 35 years in Rutland, Vermont, where he was a member of the American Dental Association and the Vermont Dental Association. He retired September 2005 to Naples, Florida. He is remembered for his gentle, honest, and truly caring nature by all who knew him

Richard L. Penney, D.D.S., '71, Surprise, Ariz., died March 30, 2017. Upon graduation, Dr. Penney practiced in Auburn, Neb., for 10 years. He then moved to Omaha and practiced for another 10 years before moving to Shelton, Wash., where he was in private practice until he retired. Dr. Penney and his wife, Sue, then retired to Surprise, Ariz. Dr. Penney has a brother, James M. Penney, D.D.S., who also graduated from the dental college in 1968.

Daniel H. Flanders, D.D.S., '73, Rexford, N.Y., died April 7, 2017. Upon completion of the endodontic residency program, Dr. Flanders began his career in Schenectady, N.Y. He lectured extensively, authored articles, and was a member and past president of the Fourth District Dental Society as well as the Schenectady County Dental Society; a member of the New York State Dental Association, Schenectady Dental Study Club, American Dental Association and American Association of Endodontists.

A. Birk Adams, Ph.D., Lincoln, Neb., died May 30, 2017. Dr. Adams started teaching at the UNMC College of Dentistry in the fall of 1968 as the director of the D1 biochemistry course. Over the years, Dr. Adams established a research program on the salivary lactoperoxidase inhibiting system, created a Caries Risk Analysis Service for dentists in the state, and developed courses in nutrition and cariology, as well as a chemistry course for DH3 students. Dr. Adams retired to emeritus status in 1999 and spent his remaining years in Lincoln.

Wayne E. Wessel, D.D.S., '61, Wayne, Neb., died June 25, 2017. After earning his D.D.S. degree, Dr. Wessel served in the Army Dental Corps in Vietnam. He moved to Wayne, Neb., where he practiced for more than 40 years. He served as president of the Nebraska Dental Association and was inducted into both the NDA Hall of Fame and the International Hall of Fame of Dentists. His 1961 dental class has remained lifelong friends for over 55 years.

**Debra Marie Rodaway**, Lincoln, Neb., died July 5, 2017. Rodaway worked as an office associate and was a valued member of the College of Dentistry dean's office team. She worked for the college for 35 years, and enjoyed interacting with dental alumni in conjunction with Dean's Club Dinner and Alumni Reunion events.



Dr. Ameku treats a patient at the Carl T. Curtis Health Center in Macy, Neb., during the annual Omaha Denture Outreach program.

"Dr. Ameku's contributions to the college, our students, our patients, our alumni and our profession, as well as his involvement in outreach to the underserved is truly remarkable. He exemplifies what it means to be an engaged alumni of the College of Dentistry, and we are so grateful for his passion, dedication and mentorship over the years."

Janet M. Guthmiller, D.D.S., Ph.D., dean of the UNMC College of Dentistry

# Engaged Alum: Yoshiharu "Yosh" Ameku, D.D.S.

By Sreenivas Koka, D.D.S., M.S., Ph.D., M.B.A., F.A.C.D.

UNMC COD faculty member 1992-2004, colleague and friend

Yosh Ameku was 9 years old when his Japanese mother married an American servicemen stationed in Okinawa. The family moved to America, ultimately settling in Junction City, Kan. His mother and stepfather instilled in him the fundamental Midwest values of integrity, humility, hard work and the drive to be the best you can be. After a 20-year military career, his stepfather returned to school for teaching, a move that triggered Yosh's interest in teaching and 'paying it forward."

Like many immigrants, Yosh spoke no
English when he came to America. His
survivor's instinct and strong mental
resilience shone through as he not only
learned quickly, but soon was recognized
as a strong student. He was on his way to
becoming a classic immigrant success story.

After receiving his bachelor's degree from Kansas State University, he was accepted to the UNMC College of Dentistry, and completed his dental degree in 1990. Yosh graduated from the college's Advanced Education in General Dentistry (AEGD) program in 1991 and has been a key part-time faculty member since. In addition, he runs a private general dental practice in Lincoln and often provides care to the underserved.

Yosh's contributions to, and engagement with, the College of Dentistry have been invaluable. He taught for many years in the clinics and pre-clinic and currently codirects the pre-clinical fixed and removable prosthodontics courses. He has guided many students through their clinical years, sharing his experience and wisdom. His high expectations of them are merely an extension of his high expectations of himself. Not surprisingly, Yosh has received faculty recognition awards from multiple dental classes.

In addition to his love of teaching, Yosh was born to give. He has participated at every

single Children's Dental Day since 1991, as well as the evening SHARING clinics for the underserved. Yosh was instrumental in creating the Priority Care Clinic, has served on the Admissions Committee and the Strategic Planning Committee, and currently represents the college on the State Board of Dentistry. Yosh spent many years as secretary and treasurer of the College of Dentistry's Alumni Association Board, and currently serves as an ex-officio member. He is also past-president of the Alpha Alpha chapter of Omicron Kappa Upsilon.

Personally, I have relied on Yosh for many years in running the Omaha Denture Outreach program together. Each July, we travel to the Omaha Reservation in Macy, Neb., to screen and treat Omaha tribal elders at the Carl T. Curtis Health Center, providing them with complete or partial dentures free of charge. The program draws support from dentists around the country, and offers much-needed dental care to those who truly need it.

No story about Yosh is complete without mentioning the game of golf. He plays regularly and breaking 80 is a routine occurrence. His skill has shone through at every annual College of Dentistry Steinacher Cup since its inception in 1993. Yosh has captained the faculty team for the past 13 years, and they remain unbeaten.

Yosh and his wife, Deb, have two sons, Jake and Kurt, who both live in Lincoln. Both Yosh and Deb will tell you how lucky they are to have found the other. Seeing them together is seeing both love and gratitude personified.

It's not often that one gets to write about one's heroes and I am truly honored to be able to pen a few words about Yosh Ameku. I firmly believe that whether you are a family member, a student, a colleague, a staff member, a friend or an acquaintance, when you need Yosh, he is always there for you.

#### 2017 ALUMNI REUNION

The UNMC College of Dentistry's 2017 Alumni Reunion will be held Sept. 15-16 at the Embassy Suites Hotel.

The Dental Museum will be open beginning Sept. 6 – 9 and continuing Sept. 11 – 16.

#### Other events include:

#### Sept. 14 | Embassy Suites Hotel, 1040 P St.

The Dean's Club Banquet will begin at 6:15 p.m.

#### Sept. 15 | Embassy Suites Hotel, 1040 P St.

Join us for continuing education and a luncheon featuring our honor classes. Our luncheon speaker is Dan Duncan, executive director of Nebraska Innovation Campus. This year's continuing education speakers are:

- Dr. Al Burns, a 2007 UNMC dental graduate and current director of dental services at Alligator Dental in Seguin, Texas, and San Marcos, Texas, will present: "You No Longer Need to Fear the Little People."
- Dr. John Rutledge received his dental degree in 2006, certificate in periodontics in 2009, and Masters of Science degree in oral biology in 2009, all from UNMC. He has a private practice in Lincoln. He will present: "Race to the Top: How Digital Wax-ups, 3D-Printing, and CAD/CAM Abutments and Restorations Will Take Your Implant Practice to the Next Level."

#### Sept. 16 | Memorial Stadium

Northern Illinois vs. Nebraska, 11 a.m. kickoff

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. 15:

2017 Honorary Life Membership Alumni Award:

Jillian Wallen, B.D.S., M.S.

2017 Alumni Achievement Award:

Scott Morrison, D.D.S., M.S.

2017 Distinguished Service Award:

Roger Jurgens, D.D.S., M.S.

2017 College of Dentistry Alumni Association Outstanding Educator Award:

Larry Crouch, Ph.D.

### 2017 Annual Opportunities Fair

The University of Nebraska Medical Center College of Dentistry would like to invite you to attend the 2017 annual Dental Opportunities Fair on Friday, Oct. 13.

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, Oct. 13, 2017

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. 29.

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

Clip and Mail Registration

Clip and Iviali negistration.			
Corporation \$100 (for two) (\$10 for each additional person for corporations)			
# in your party (p	provide names of attendees)		
Name			
Street			
City St			
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 & 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.

To make a charitable gift or pledge benefitting the UNMC College of Dentistry, please contact:

#### **Brook Jobes**

University of Nebraska Foundation 402-458-1183 | 800-432-3216 brook.jobes@nufoundation.org





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