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College of Health Sciences Newsletter, December 2013/January 2014

College of Health Sciences, ODU

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Dean's Message

Greetings in 2014! There has been a lot happening since our last newsletter. We welcomed two newborns into our ODU family, two new staff to our Center for Global Health and a new Chair for the School of Dental Hygiene. Many faculty members were recognized for their work through awards and national appointments with some of them noted in this newsletter. It was announced that Dr. Carolyn Rutledge, one of 9 nominees from ODU, was selected for 2014 Virginia Outstanding Faculty Award from the State Council of Higher Education for Virginia (SCHEV)! I submitted the College of Health Sciences Budget Request for FY 2015 with input from the Chairs Council on behalf of the college and its schools. We received one of the largest gifts ever to our College when an anonymous donor gave \$250,000 to support scholarships for dental hygiene or nursing students. The faculty, dean and provost have approved documents for four of our schools, describing 'Scholarship in the Discipline'. And, the Task Force for Interprofessional Education Collaborative (IPEC) provided their report with several recommendations for going forward, which are under consideration. We also dealt with two major snowstorms with the campus closing each time for several days. All of this and so much more have brought an exciting beginning to the New Year.

Though the winter wonderland was beautiful to look at, it was difficult or even treacherous to drive the roads in our area. This gave many of us the chance to be at home and have some fun with our kids, family, pets and/or neighbors either close to the fireplace or out in the snow. Is it just me or does the snowy weather make you want a mug of hot cocoa and homemade cookies? Thanks to the abilities to meet by conference call, access files through VPN, approve electronic documents and use Blackboard for online learning, much of our college business was conducted even when the campus was closed. Still, I suspect we will be playing catch-up for the rest of this Spring Semester, which feels like anything but springtime.

In the announcement section we have pictures of baby girl, Shay Amelia Carson and baby boy, Sebastiano Brixen DeLeo. We congratulate the proud parents and celebrate their growing family with the birth of these beautiful children. We welcome Dr. Kathy Simms as research associate and Jamie Edmonds as the administrative assistant for our Center for Global Health. Dr. Susan Daniel started with on January 26 as our new Chair of the School of Dental Hygiene with a nice announcement about her in the ODU News and this newsletter. I look forward to hearing more of your stories and accomplishments so please keep sending us your information. I wish each of you a wonderful new year with much success during the semester.

Best regards,

Shelley C. Mishoe

Dean Shelley Mishoe

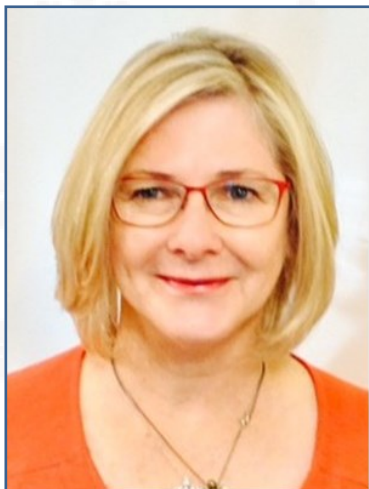
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Manisha Harrell, Development Officer, Shelley Mishoe, Dean and Linda Rohrer, member of the College Advisory Board at the College of Health Sciences annual holiday luncheon.



Susan Daniel Hired as Chair of ODU Gene W. Hirschfeld School of Dental Hygiene



Susan J. Daniel, of the University of Tennessee Health Science Center in Memphis, has accepted the position of chair of Old Dominion University's Gene W. Hirschfeld School of Dental Hygiene, effective Jan. 25. Shelley Mishoe, dean of the ODU College of Health Sciences, announced the appointment this week.

"Dr. Daniel is an expert dental hygienist, accomplished educator and skillful administrator with over 36 years of academic experience," Mishoe said, in the announcement. Daniel said she has long respected and appreciated the academic leadership position held by the ODU Gene W. Hirschfeld School of Dental Hygiene.

"I am thrilled to have the opportunity to engage the faculty, staff, students and alumni in forward-thinking activities and initiatives to meet the college and university's mission and vision," she said. "The possibilities at ODU are boundless for improving the local area, state, nation and world."

Daniel earned a doctoral degree in clinical health sciences from the University of Mississippi Medical Center, a master's in education from the University of Kentucky and a bachelor's in dental auxiliary teacher education from the University of North Carolina at Chapel Hill.

She has held appointments at several distinguished universities, including the University of Pennsylvania, where she started her academic career as a teaching intern; Georgia Regents University, where she served as an instructor of dental hygiene; Guilford Technical Community College, where she was the dental hygiene department head; UNC Chapel Hill, where she was a member of the graduate faculty; and the University of Mississippi Medical Center, in Jackson, where she was chair of the dental hygiene department.

Daniel also holds board certification from Tennessee in dental hygiene local anesthesia and is a licensed dental hygienist. She has given numerous invited presentations throughout her career and currently serves on the editorial boards for the Journal of Dental Hygiene and Dimensions of Dental Hygiene. Daniel has numerous publications to her credit on a variety of dental, dental hygiene, education and health topic areas, including peer-reviewed journal articles, books and book chapters. Her current research focuses on teledentistry as a key component of access to health care and clinical outcomes.

"I am delighted that Dr. Daniel will be joining our team and assuming a leadership role in our College of Health Sciences as the Chair of the Gene W. Hirschfeld School of Dental Hygiene," Mishoe said. "I give special thanks to the Search Committee, chaired by Debbie Bauman, with Marge Green, Karen Karlowicz, Irene Connolly and Mohammad Najand serving as members. The inter-professional search committee did an excellent job marketing this wonderful opportunity and identifying candidates with the credentials and experience needed for leading this outstanding school into a promising future."

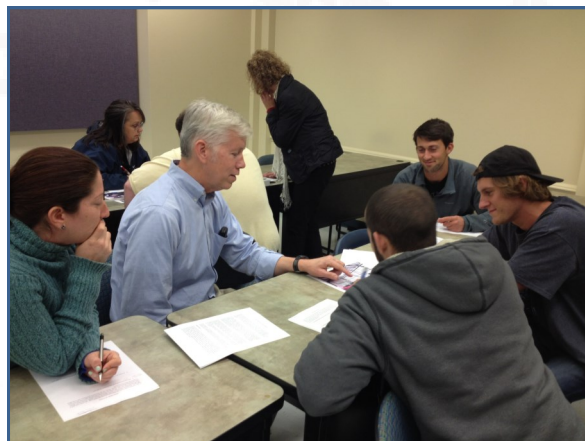
In the announcement, Mishoe also thanked Green for serving as the interim chair of the school.

"We are fortunate that Ms. Green has agreed to serve out the remainder of her contract to help with transition and complete several initiatives she began under her leadership," she said. "Additionally, Marge Green serves a vital role as an active member of the College of Health Sciences Advisory Board, working with me and the board on the strategic direction and development for the entire college."

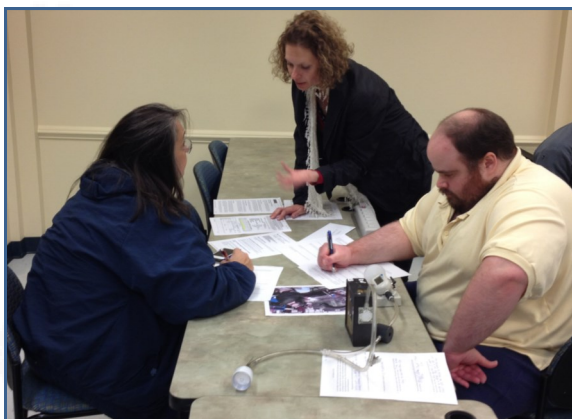
For more information about the Hirschfeld School of Dental Hygiene, visit the ODU College of Health Sciences website.

Navy Industrial Hygiene Directorate Presentation

On November 12, 2013 the Navy Industrial Hygiene (IH) Directorate gave a presentation and demonstration to students in ENVH 445 Air Pollution and It's Control course on campus. Mr. Chris Jones, Mrs. Jena Brunson, and Mrs. Revonna Bieber joined ODU faculty from the School of Community and Environmental Health to provide this class session with a hands on demonstration of air sampling equipment and real life scenarios. The real life scenarios included an auto repair shop, welding shop, and a spray painting shop.



Chris Jones, Chief IH Navy Medical Center Portsmouth and students.



Revonna Bieber, Navy IH directorate and students Eric Spiegel and Mellody Liplis.



Ms. Jena Brunson, Navy IH directorate and students.

Student Nurses' Association Promotes Professional Development Through Community Involvement

Old Dominion University's Student Nurses' Association seeks to promote professional development through community involvement, both on and off campus. Through various functions, such as health and wellness fairs, fundraisers, and volunteer opportunities, SNA touches upon fundamental nursing skills: interpersonal relationships, networking, resource awareness, education through

health promotion, and selfless devotion, in service to others. Members are encouraged to remain proactive and take initiative, so that they may also practice leadership skills. The Student Nurses' Association is a place for students to collaborate with peers and colleagues, strengthening the concepts of teamwork and professional growth.



SNA members provided dinner for families, staying at the Ronald McDonald house in Norfolk. The Ronald McDonald house provides a home away from home for families of children.



Taiquita Ardan, Delenthia Smith, and Elisa Hendrix help prepare spaghetti for families residing at the Norfolk Ronald McDonald house.



Elisa Hendrix and Meredith Soriano, student nurses teach the importance of hand hygiene at the New Life Providence Health and Wellness Fair in Chesapeake, VA.



Student nurse Marissa Cobbs inspects for germs, in an educational piece on hand hygiene at the New Life Providence Health and Wellness Fair in Chesapeake, VA.



Student nurses work alongside Emergency Medical Technicians and firemen to discuss blood pressure and hypertension, at the New Life Providence Health and Wellness Fair in Chesapeake, VA.



Ashley Atkinson and Robert Dortman serve those residing at the Norfolk Ronald McDonald house.

Dental Hygiene Professors Visit Nicaragua

November 13-18, 2013, the School of Dental Hygiene professors Gayle McCombs and Lynn Tolle visited Nicaragua on a consulting trip sponsored by Physicians for Peace to the University of Managua at León. The highlights of the trip for them was working with children, conducting dental screenings and education at a rural school in León.



School children in Leon Nicaragua at their outdoor classroom practicing oral hygiene self care after instruction by University Professors Lynn Tolle and Gayle McCombs



University Professors Lynn Tolle and Gayle McCombs from the School of Dental Hygiene are surrounded by many happy children following their visit to a rural school in Leon, Nicaragua as a part of a training and education mission trip with Physicians for Peace. Children were provided with oral hygiene aids, oral screenings and education. Working with children at this school was one of the highlights of their Nov. mission trip where they also provided consultation and training to dentists as well as dental, dental assisting, and dental hygiene students and faculty at the dental school at the University of Managua León.



University Professor Lynn Tolle provides hands on oral health instruction, screenings and oral hygiene aids to children at a rural school in León Nicaragua as a part of a recent mission trip with Physicians for Peace. McCombs and Tolle are part of a team working to establish the first dental hygiene program in Central America at the University of Managua at León.



University Professor Gayle McCombs provides oral hygiene instructions and screening during a visit to a local rural school in León, Nicaragua as a part of a November educational and training mission with Physicians for Peace in León.



Steven Becker
(Photo: K. Sardari)

Steven Becker Appointed to National Academy of Sciences Nuclear Panel

Old Dominion professor Steven M. Becker was recently appointed by the National Academy of Sciences to serve on a new scientific panel examining cancer risks in populations living near nuclear facilities.

According to the National Academy of Sciences (NAS), the panel's work will involve determining the feasibility of a pilot study that would delve into cancer risks in populations living within 30 miles of seven U.S. nuclear facilities: Dresden Nuclear Power Station, Morris, Ill.; Millstone Power Station, Waterford, Conn.; Oyster Creek Nuclear Generating Station, Forked River, N.J.; Haddam Neck, Haddam Neck, Conn.; Big Rock Point Nuclear Power Plant, Charlevoix, Mich.; San Onofre Nuclear Generating Station, San Clemente, Calif; and Nuclear Fuel Services, Erwin, Tenn.

The nine-member panel includes U.S.-based experts and an expert from the Nuclear Safety Authority of France.

Becker is professor of community and environmental health in the ODU College of Health Sciences and an internationally known authority on radiation risk communication. He brings to the panel extensive research and field experience, including carrying out major studies of radiation risk communication and information issues for the Centers for Disease Control and Prevention and other federal agencies.

"The College of Health Sciences congratulates Dr. Becker for being named to this prestigious National Academy of Sciences panel," said Shelley Mishoe, dean of the college. "He will provide invaluable expertise on a topic of considerable interest to the public health community, policymakers and the public."

The NAS study will provide a current look at the topic, taking into account how populations have changed, demographics have shifted and the numbers and characteristics of nuclear facilities have changed over the past two decades. The new NAS study was requested by the U.S. Nuclear Regulatory Commission. One part of the NAS study will look at cancers in people of all ages, while a second part will focus on cancers in children.

"The new NAS project has been undertaken because this issue was last studied some time ago, in the late 1980s," Becker said. "At that time, a National Cancer Institute study found no differences in cancer mortality or incidence rates between counties with nuclear facilities and control counties.

Becker has had wide-ranging experience with radiological and nuclear science issues. In 2012, he was appointed by President Barack Obama to the U.S. Nuclear Waste Technical Review Board. A year prior to that, Becker served as a member of a three-person radiological emergency assistance team that was invited to Japan in response to the earthquake-tsunami disaster and the accident at the Fukushima Dai-ichi nuclear plant. Since 2005, he has been an elected member of the National Council on Radiation Protection and Measurements. He has also been a Kreitman Scholar at Ben-Gurion University in Israel and a Visiting Fellow at the Japan Emergency Medicine Foundation and National Hospital Tokyo Disaster Medical Center.

Dental Hygiene and Nursing Students in the Community!

On December 15, ODU dental hygiene students and nursing students met at the Churchland Baptist Church, located in Chesapeake VA, and volunteered service to the homeless. While nursing students performed vital signs on clients, dental hygiene



students performed dental exams. Through this collaborative effort, health disparities were noted in various modalities. Hypertension was addressed through blood pressure screenings, so nursing students expanded upon complications and corrective measures, such as active lifestyles and dietary modifications. Dental care was meticulously assessed and discussed, and clients were offered follow up appointments and supplies to assist in dental maintenance. This event was not only a great success in building partnerships, among novice healthcare professionals, but also a great success in meeting multiple needs of such a vulnerable population.

Navy Marine Corps Public Health Center Presentation

On October 25, 2013 the Navy Marine Corps Public Health Center participated in a joint presentation to students in the ENVH 566 Risk Assessment and Decision Analysis course on campus to provide ODU students with training in sampling and dermal risk assessment. Mr. John Bishop, Mrs. Jena Brunson, and Mrs. Revonna Bieber from the Naval Medical Center Portsmouth provided the training. Students received an up-to-date hands on experience on the latest Naval guidance on dermal risk assessment and learned how to sample for surface



(l-r) Kereen Hart (ODU MS Student in Environmental Health and Mr. John Bishop (Navy Marine Corps Public Health Center

contamination. This is a particularly important subject to the Navy.

RN-BSN student **Elisa Hendrix** will be presenting her research titled "The Creation of the Nuremberg Code and its Impact on Medical Ethics" as part of the "Deadly Medicine and World War II" presentation. During the presentation, Elisa will discuss the importance of the Nuremberg Code and why is such an important document on medical ethics. This is a great opportunity to gain insight on the evolution of medical ethics and the impact that medical professionals, such as nurses and doctors, had in the Nazi Genocide.

5th Annual Undergraduate Research Symposium
Saturday, February 8, 2014
Learning Commons,
Perry Library
Old Dominion University

Publications:

JENG HA, Yordt D, Davis S, Swanson J. **2013**. Assessment of alteration of reproductive system *in vivo* Induced by subchronic exposure to benzo(a)pyrene via oral administration. *Environmental Toxicology* Jul 27. doi: 10.1002/tox.21889.

JENG HA, Chen LY, Kantaria K. **2013**. Effects of cigarette smoking on reproductive hormone levels in healthy adults. *Journal of Environmental Health and Sciences, Part A* 48(2):152-8

JENG HA, Chen LY. **2013**. Orally subchronic exposure to benzo(a)pyrene via oral admission alter reproductive estrogen and steroid hormones. *Polycyclic aromatic hydrocarbons*. (accepted in September, 2013)

Blando, J. D.; O'Hagan, E.; Casteel, C.; Nocera, M.; Peek-Asa, C. (2013) Impact of Hospital Security Programs and Workplace Aggression on Nurse Perceptions of Safety. *Journal of Nursing Management*, 21: 491-498.

Grants Awarded:

JENG, HA, Principal Investigator: Community Action for a Renewed Environment Project. The Greater Southeast Development Corporation (No. 714821), 10/1/2012-9/30/2013, \$20,000



Students from the College of Health Sciences gather in a second floor lounge Monday to relax and get a last look at the material before taking a final exam.



Scott Sechrist, Medical Diagnostics and Translational Sciences and Lynn Wiles, Nursing, show off the prizes at the College of Health Sciences annual holiday luncheon.



Janice Hawkins, Nursing, at the College of Health Sciences annual holiday luncheon.



Community and Environmental Health Interim Chair, Deanne Shuman at the College of Health Sciences annual holiday luncheon.



Janice Hawkins



(l-r) Lisa Koperna, Michael Tamburello, Beth Jamali and Gail Grisetti, School of Physical Therapy and Athletic Training attend the College of Health Sciences annual holiday luncheon.



Dr. Kathryn Simms

Accomplishments

☛ **Janice Hawkins** has been selected as the 2013 Old Dominion University Faculty Advisor of the Year! As this year's recipient, the University will support Janice's attendance at the Region 2 National Academic Advising Association (NACADA) Annual Conference. She will also be nominated for the faculty advisor award at the Mid-Atlantic Region 2 NACADA level, representing ODU.

As we all know, the role of Chief Academic Advisor for the Undergraduate Nursing Program is critically important to the success of our program. Janice's attention to detail, as well as her dedication and support of prospective and current students is greatly appreciated.

☛ **Greg Scott**, doctoral student, passed his dissertation proposal defense "Modeling Solutions for Prevention of Medicare Insolvency for the Baby Boomer Generation," on November 21, 2013, was presented to a full room of faculty and students. Greg's proposal also was approved by the Dissertation Committee. This is a milestone in the doctoral education journey and we are pleased for him and his success.

☛ MS students **Mellody Liples** and **Meghan Card** received scholarships to attend the National Environmental Health Association Annual conference, her story was published in the EHAP News, entitled: National Environmental Health Association Provides Student with Travel Scholarships to Attend its Annual Conference." <http://aehap.org/wp-content/uploads/2013/08/Summer-Newsletter-2013-FINAL-YS.pdf>

☛ The Office of Research announced the awardees of 2014 Multidisciplinary Seed Funding (MSF) grants. The MSF program is open to tenure-track and tenured faculty, as well as research professors who form new collaborations with innovative ideas that have an excellent chance of external funding. There were 25 submissions in this year's competition, and proposals were reviewed by a group of anonymous senior faculty. In addition to the individuals listed below, six graduate research assistants and two undergraduates will be working with the teams throughout the year.

Two assistant professors from the School of Molecular Diagnostics and Translational Sciences (PIs) **Robert Bruno** and **Patrick Sachs** were this years awardees for the Development of a Three-Dimensional Human Breast Model for the Advancement of the in vitro Study of Breast Cancer , \$50,000.

Consultants: Christian Zemlin, Computer & Electrical Engineering; Vincent Njar, Medicinal Chemistry, University of Maryland Center for Biomolecular Therapeutics; Lynn Elmore, Department of Pathology, Medical College of Virginia; Gilbert Smith, Center for Cancer Research, National Cancer Institute.

☛ The College of Health Sciences would like to welcome the new research associate of the Center for Global Health, **Dr. Kathryn Simms**. Most recently, Kathy has served as the Office of Research's liaison to the College of Health Sciences (CoHS) at Old Dominion University (ODU). In this role, she has enjoyed assisting CoHS faculty develop their grant proposals. Previously, she was the Research Methodologist for Norfolk State's Center for Social Science Research, where she assisted faculty and students with grant submissions, conferences proposals, and peer-reviewed submissions. She was also the chief administrator for a local healthcare corporation for 5 years as well as a CPA in public and private practice. Dr. Simms has published peer reviewed literature in the areas of business, education, psychology, and health sciences. She earned a PhD in Education from Old Dominion University in 2010 and a PhD in Finance from the University of Georgia in 1996.

Announcements



Jamie began her career here at ODU on November 11, 2013 as an Administrative Assistant in the Center for Global Health. She comes to us with over 30 years of administrative experience. Jamie prior to coming to ODU, she has held administrative positions in the D.C. Department of Corrections in Lorton, VA, Sentara Healthcare and The Southeastern Cooperative Educational Programs (SECEP). She is a Washington, D.C. native and has resided in Norfolk, VA since 1993.

Sheila (Health Sciences' Technical Support Person) and Taylor Carson are happy to announce the birth of Shay Amelia Carson. Born on December 11, 2013 at 4:17 pm and weighing 6 lbs., 11 oz.



Trinity and Gianluca De Leo are happy to announce the birth of their first child. Sebastiano Brixen De Leo was born on December 7, 2013 at 2:39 am. He weighted 6 pounds and 6 ounces and he was 19 inches long.

Upcoming Events

February

- 11 Program Directors Luncheon
- 12 Dean's Student Advisory Committee Luncheon
12-1pm, HS 2114
- 26 Advisory Board Meeting
- 21-23 Dental Hygiene Winter Continuing Education Weekend, Sheraton Oceanfront Hotel, Virginia Beach, VA

March

- 10-15 Spring Break



Dean Mishoe and Connie Davis, assistant to the dean, playing trivia at the College of Health Sciences annual holiday luncheon.



Jamie Edmonds, administrative assistant, Center for Global Health at the College of Health Sciences annual holiday luncheon.