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College of Health Sciences Newsletter, August 2012

College of Health Sciences

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August 2012

Dean's Message

I am optimistic about an engaging 2012-2013 academic year. We have several exciting announcements about new faculty recruitments. Pending approval by the Board of Visitors, we will have at least three new full professors. Growing the number of full professors has been one of my highest priorities for our college and its growth.

It gives me great pleasure to announce that Dr. Roy Ogle has accepted the position of Chairman, School of Medical Laboratory and Radiation Sciences, effective August 25th. I would like to thank Sophie Thompson for serving as Chair of SMLRS for the past five years and for agreeing to stay in the role longer than she intended, until we could recruit a new chair. I would also like to announce that Scott Sechrist has accepted the role of Associate Chair of the School, working with Dr. Ogle on the many administrative duties and responsibilities in this leadership role.

It gives me great pleasure to announce that Dr. Barbara Greenberg has accepted our offer to be the Director of the new Center for Global Health at Old Dominion University and Professor of Community and Environmental Health, College of Health Sciences effective September 25, 2012.

Dr. Steven Becker also joins us a full professor as well as the as Associate Director of the Joint EVMS/ODU Master of Public Health Degree and Track Director for Environmental Health.

Please watch for these new faculty bios and photos in the September issue of the newsletter.

At the same time, we must value and retain our current full time faculty and staff. The summer research activities of several faculty members are highlighted in this newsletter. We tremendously need and appreciate our adjunct faculty who directly contribute to the quality and reputation of our programs. I continue to be impressed with the quantity and quality of our work.

I am truly looking forward to another exciting academic year working with our faculty, staff, students, alumni, Advisory Board, partners and communities. I thank each and every one of you for your many contributions to help fulfill our vision to advance health care education and research through interdisciplinary and global collaborations. We are committed to promoting health and quality of life in Hampton Roads and the world while emulating our values of integrity, inclusiveness, excellence and collaboration.

I wish you an enjoyable and successful new academic year. And, I would like to close with one of my favorite quotes:

"Far and away the best prize that life offers is the chance to work hard at work worth doing."

Theodore Roosevelt, *Speech in New York, September 7, 1903*

Shelley C. Miske

Dr. Kimberly Adams-Tufts Selected 2012-2015 Faculty Diversity Leader

Dr. Kimberly Adams-Tufts was selected as the College of Health Sciences representative as one of ODU's 2012-2015 Faculty Diversity Leaders. Dr. Adams-Tufts was nominated by faculty peers within the college and selected by our faculty based on working effectively across the University, demonstrating commitment to proactively promotion diversity among faculty, using empirical data to support best practices as recognized scholar, being recognized and respected as a peer-educator/trainer among colleagues and demonstrating a spirit of collaboration among colleagues, especially when dealing with sensitive subject matter and sensitive accountability measures.

Dr. Adams-Tufts will work collaboratively with other colleges' Faculty Diversity Leaders to establish a college-level task force.



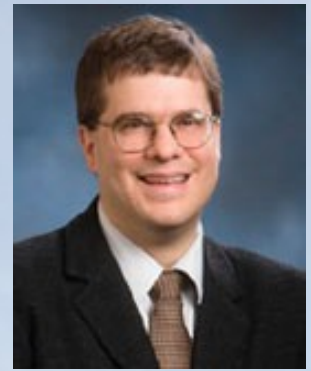
Summer Research

Dr. James Blando has been keeping busy over the summer with projects:

Violence Prevention in Healthcare Settings, he completed 14 site visits to determine compliance with regulations related to effective security practices in hospitals. He will continue site visits over the next year with the hope of recruiting 50 hospitals into the study. This study also involves a survey of nursing staff and home health care aides.

Longitudinal Analysis of Repeated Blood Measures, he completed statistical modeling and analysis of longitudinal dataset of repeated blood lead measures among workers exposed to lead at their place of employment. The focus of this study is to determine the trajectories of blood lead values among the workers and determine the most optimum blood sampling frequency for accurate characterization of exposure.

Hot Yoga Among Pregnant Women in Hampton Roads, he began to analyze survey data about female knowledge, attitudes, and beliefs regarding the hazards and benefits of hot yoga while pregnant. In addition, he is preparing to conduct fieldwork with physicians at EVMS to measure physiologic coping mechanisms and heat stress among women practicing hot yoga while pregnant.



A global increase in dental caries signals a pending public health crisis resulting in negative consequences, despite being highly preventable. Public health efforts to prevent this disease are well understood; however, lack the ability to improve individual behavior. Effective dental hygiene skills and healthy nutritional choices require education and motivation at an early age to maintain oral and systemic health throughout life. With the support of a phase I, R43 NIDCR grant (NIH R43DE021334-01A1), **Brush Off** takes aim at improving children's oral health behaviors by uniting GamesThatWork Corporation with collaborative expertise from Emory University, Morehouse

School of Medicine, and Old Dominion University.

School of Dental Hygiene's Assistant Professor, Joyce Downs joined the research team last September to aid in the development and evaluation of an innovative, interactive nutritional and oral hygiene game. Creation of a customized interface coupler attachment was necessary to integrate an input device similar to the notable WiiMote® with a toothbrush vertex. This unity enabled free-range real-world motion monitoring of mechanical toothbrushing. Games of the popular guitar 'rhythm-match' genre score the player's performance of specific physical movements with precise timing. By replacing the guitar with a toothbrush, the developed game employed these same mechanisms. To further promote mastery of manual toothbrushing skills, the game introduced closely monitored player performance activity and adaptively provided instruction, correction and reinforcement. An age appropriate character and toothbrushing song were created for memory retention. Together research support from Georgia Institute of Technology, this past summer Downs directed the clinical trial for **Brush Off** at the Atlanta studio of GamesThatWork©. Preliminary clinical data yield an overall increase in toothbrushing skills from a single, one-week, and two-week game play experience. A Phase II proposal is planned for December and will include the application of this 3D oral health game in various languages and among special needs populations.



OralBPlusPowerAWiimote

Holley Holzen Awarded Grant from the Robert Wood Johnson/Pew Charitable Trust



Holly Holzen (formerly Holly Beard), 2007 graduate of the Health Services Research PhD program, was recently awarded a grant from the Robert Wood Johnson/Pew Charitable Trust collaborative Health Impact Assessment Program. Dr. Holzen is currently Strategic Research Coordinator at the Ohio Housing Finance Agency. The grant is one of 15 new funded to conduct health impact assessments (HIAs), a type of study that looks at potential health impacts of policies and projects in other sectors. The focus of the Ohio project is to examine the potential positive and negative consequences of a proposed federal policy trying to align multi-agency physical inspections of low-income rental housing units, which will most likely reduce the frequency of inspections. Dr. Holzen's PhD supervisor was Dr. Jim Neff, professor, School of Community and Environmental Health. Further information regarding Dr. Holzen's project can be found at: <http://blog.rwjf.org/publichealth/2012/04/10/health-impact-assessments-low-income-rental-housing-inspections/>

Professors McCombs and Laroussi Present at Plasma Science Conference in Scotland

The 39th Institute of Electrical and Electronics Engineers International Conference on Plasma Science (ICOPS) attracted over 600 participants worldwide to Edinburgh from 8-12 July, 2012. ICOPS offered a forum on of the greatest advances in plasma science and technology, with a special 2-day program dedicated to plasma healthcare. Professor Gayle McCombs from of Dental Hygiene presented on *Plasma Dentistry*; Dr. Mounir Laroussi, Professor Department of Electrical and Computer Engineering and Director of the Applied Plasma Technology Laboratory at Old Dominion University presented on *Industrial, Commercial and Medical Plasma Applications* and served on the conference organizing committee. Dialogue among colleagues during the conference fostered new academic and industry collaborations, interest and ideas.

Highlights



- Dr. Tom Somma taught the largest class in phlebotomy this summer with an enrollment of 24. Students from nursing, exercise physiology, and medical technology learning the new skill for entry into a hospital positions.
- Tori Wood, adjunct assistant professor and program director, reports that Ophthalmic Technology had three graduates in 2012 all of whom passed the National Board Exam on the first try. The program will expand with six students (two from Saudi Arabia) continuing into the second year of the program and seven students starting on August 27th. Training lab is in place which will be used to give students more hands on practice and learning prior to entering clinics and working with real patients.
- Tabettha Sundin, PhD, laboratory and research specialist, medical laboratory and radiation sciences, received a \$1000 research award from the International Golden Key Honor Society in June.
- Patricia Hentosh, professor, Tabettha Sundin laboratory and research specialist, Dennis Peffley, adjunct professor, and David Gauthier authored the manuscript "The Iso-prenoid Perillyl Alcohol Inhibits Telomerase Activity in Prostate Cancer Cells" which was accepted in publication in the journal *Biochimie*.
- George Maihafer was appointed Graduate Program Director of the Doctor of Physical Therapy program.
- Dr. Elizabeth Locke (Giles), Physical Therapy, was commencement speaker for Kaplan College graduation in May.
- Dr. Karen Karlowicz, Chair of the School of Nursing, was accepted to the American Association of Colleges of Nursing (AACN)/Wharton School of Business/Nurse Leadership Executive Program.

Dean's List Spring 2012

Community and Environmental Health

Ahmad A. Abudayeh
Breana L. Bates
Courtney C. Belfield
Wendy M. Belgrave
Joy A. Boyles
Jessica K. Carter
Kristi M. Donnell
Leondra N. Ewing
Casey L. Fehrle
Bethany M. Franklin
Natalie R. Gish
William H. Gowen
Ciara E. Joyner
Fatima Khelwati
Brittany A. Koch
Cynthia a. Millican
Lindsay D. Minga
Cole F. Moore
Luis A. Munz
Jennifer M. Newton
Lauren A. Nickson
Holly E. Onks
Chelsea K. Peters
Shannon M. Robert
Meagan N. Ring
Stephanie A. Sakyi
Dale Scanlan
Megan A. Schick
Chanmoly Seng
Andrea C. Shaffer
Rebecca E. Shelar
Jeffrey R. Torre
Morgan S. Tyler
Jessica N. Yarborough

Henry David P. Allen
Stacy R. Amburn
Sahar Asif
Ke'Annah M. Austin
Tommie J. Barnes
Ginger L. Barrow
Haley C. Bobadilla
Emily R. Bodsford
Robyn E. Brandon
Brianna L. Budavich
Leigh A. Canaday
Megan L. Cassara
Jennifer L. Clauss
Amanda E. Coleman
Emily N. Cox
Candace L. Crace
Ashley S. Cutler
Nicole V. Dixon
Elizabeth A. Dorval
Angela M. Eddy
Jessica L. Elmore
Heather R. Evans
Hannah M. Farrish
Allison C. Forman
Kacy L. Gamache
Lauren D. Glass
Amanda N. Gonzales
Mia E. Goode
Jacqueline M. Harrison
Jennifer M. Hart
Katelyn J. Henry
Anh N. Ho
Saranya E. Hopkins
Jacqueline T. John

Dental Hygiene

Angela D. Johnson
Amanda K. Keatley
Jong Hoon Lee
Ashley R. London
Helena J. Lucca
Hailey L. March
Olivia L. Marsden
Sarah K. McMullin
Kristy N. Miller
Amy H. Moody
Dominic T. Nguyen
Nicole K. Northam
Ashley P. Ownley
Ellen T. Polakowski
Ashley L. Roe
Emily A. Saunders
Meghan M. Sheerin
Heather D. Smith
Karen G. Snow
Lauren B. Sutherland
Shuma Talukdar
Alicia K. Tobin
Ashley B. Turner
Megan A. Vann
Christiana N. Vastardis
Maria C. Villanueva
Amber N. Walters
Samira L. Wilson
Elizabeth A. Wright

Medical Laboratory and Radiation Sciences

Fardus A. Aljunibi
Adrian C. Barnes
Aerin M. Beecher
Jennifer M. Bitzer
Jennifer A. Blanchard
Christopher Brunelle
Courtney Bruno
Lesley X. Cabrera
Jarrett S. Center
Elbert B. Clarin
Staci L. Cline
Abigail I. Cunanan
Brenton L. Dawson
Amy R. Day
Tchotochovi Ekoue
Sara R. Elza

Patrick J. Fedorko
Kareesha R. Fitzgerald
Sarah J. Foster
Danielle N. Fussell
Erin A. Gray
Deiana N. Gregg
Tiffany L. Griffin
Devon L. Harlow
Kelly M. Harris
Mary K. Hughes
Alayna M. Johnson
Lindsey M. Knowles
Sara H. McLaren
David M. Mecka
Janel T. Moravek
Hiral R. Patel

Zachary A. More
Tiffany L. Radican
Denise V. Ramos
Angelina L. Richey
Christina F. Rodriguez
Joseph D. Rothfuss
Michael L. Ruis
Frances E. Sandy
Christian P. Schomburg
Robert M. Schonk
Jaclyn L. Sharpe
Stephanie M. Skinner
Grace A. Wagner
Brittany A. West
Kaitlin N. White
Meghan J. Woosley
Casey A. Worley

Health Sciences

Allsion E. Garnett
Nicole L. Sicurella

Health Sciences Undecided

Tristan J. Warner

Nursing

Virginia L. Adelsen
Ashley C. Allen
Princess J. Alviar
Katherine L. Ames
Eleanor C. Armstrong
Ashlee M. Arnold
Jessica B. Bacheller
Cheryl Barberan
Chasity K. Barnes
Chriselle C. Bautista
Tatiana A. Becker
Rashelly Benitez
Amy Z. Bermudez
Stacy A. Bierbauer
Rebecca A. Black
Heather L. Blackburn
Tiyana M. Blanton
Katherine L. Bowyer
Kassandra R. Bradley
Mylene C. Brinson
Lindsey A. Brookmire
Dakota L. Bryant
Rebecca J. Buechler
Stephanie A. Burnham
Laura A. Cagle
Christopher W. Carter
Kaci S. Carter
MacKenzie M. Cary
Jessica B. Caviness
Jessica M. Chamberlin
Amanda C. Chitwood-Gould
Sahara K. Chowyuk
Maureen R. Clifford
Holly L. Connors
Paul Jason M. Conty
Jordan R. Copeland
Kristel T. Cornejo
Brittany E. Courtney
Shannon I. Cragin
Kimberly I. Craig
Kathleen M. Crizaldo

Fauzia Dabre
Bree Davis
Danielle D. Davis
Christopher C. Del Rosario
Angela M. Diaz
Justyna Dlugolecka
Robert D. Dortman
Elisa L. Dubose
Amy E. Early
Danielle L. Easter
Michelle N. Estep
Sindy Eugene
Brianna M. Eyer
Natalie S. Eyer
Michael Ezell
John M. Fassoth
Theveline J, Felix
Annette Fernandez
Janelle C. Fittro
Rebecca L. Foley
Brittany N. Frame
Meghan R. Franklin
Wendy N. Frantz
Amanda L. Frederick
David C. Frey
Rachel A. Fuller
Samantha P. Galloway
John J. Garner
Aaron J. Gaskins
Kasey R. Gear
Keri B. Gearheart
Danielle M. Gemender
Sara K. Genteline
Arlene M. Gonzales
Lindsey M. Grazier
Jessica J. Green
Kristy A. Gregorich
Rebecca M. Hall
Brittany T. Hallberg
Haley L. Hampton
Shannon M. Harris

Hannah K. Harrison
Jessica A. Harvey
Catherine M. Hayes
Soonja P. Heber
Janet B. Herndon
Niki J. Hester
Kaitlyn M. Higbie
Christie M. Hoban
Maggie Hollon
Tisah N. Holloway
Sarah L. Howells
Kyaw Htet
Nina H. Jackson
Kelly N. Jansen
Dana M. Jenkins
Amber M. Johnson
Melissa K. Johnston
Denise R. Jones
Jeremy Jordan
Ariana K. Jumper
Elizabeth A. Kangas
Alexis J. Karageorge
Marcella R. Kennedy
Christopher M. King
Amanda K. Knight
Shanita L. Knight
Michelle C. Kosco
Kristine A. Krukar
Keisha N. Lang
Shelbie N. Langless
Ashley R. Lindenmuth
Ebony A. Lindsay
Rasolina M. Lintag
Amanda K. Lipe
Kaitlyn E. Long
Steven T. Lucynski
Robyn S. Lutzkanin
Kim C. Lyko
Christopher D. MacDonald
Anna Maksimovich
Allison C. Maliniak

Nursing (continued)

Sarah M. Manik
Marc C. Manucal
Meredith K. Marlowe
Charley E. Martin
Jamie L. Martin
Matthew G. Martin
Danielle M. Mason
Kelly J. Matteson
Lauren C. May
Corinne E. Mayer
Haley A. McGee
Tamara K. McKenzie
Andrea S. Mercereau
Chelsea J. Miller
Jena M. Miller
Rhandy J. Mills
Aubrey L. Minaritzis
Rebekah L. Molina
Amanda D. Mosley
Miranda L. Murphy
Sharon N. Myrick
Andrea K. Ness
Jasmine J. Nicholson
Erica H. Nicoletti
Lauren A. O'Connor
Brian J. Oldenburg
Jean L. Oman
Erica Osei-Asibey
James Partch
Susan B. Paschal
Sheenali A. Patel
Jorge A. Paulino
Ashley N. Payne
Karen E. Pearce
Teadra L. Pennycooke
Ericka N. Peterson
Kelsey P. Peterson
Rebecca L. Petrella
Brittany M. Phelan
Acara B. Phipps
Roberto D. Piedra
Melody A. Piranian

Victoria F. Pittman
Emily M. Plemmons
Lacey N. Pollak
Corazon Delamor D. Quejada
Lauren B. Quinn
Sabina N. Rabinovich
Rebecca Rector
Rica O. Reuyan
Katherine A. Riccardi
Cameron M. Rice
Karen M. Richendollar
Rashawnda M. Rives
Daneya R. Roberts
Jalyssa D. Robles
Craig Rogers
Shannon L. Rogowski
Christina Marie M. Roma
Rita E. Rombaoa
Allison Ross
Sarah E. Salmon
Christopher S. Samsel
Mara Santiago
Rachelle Ann P. Santo Domingo
Laily Sarwari
Rene J. Sauzeede
Romtin Sharolli
Sonija Shrestha
Brittanie L. Smith
Delenthia S. Smith
Erica D. Smitman
Jamie M. Squibbs
Jennifer L. Stephens
Arielle L. Stromberg
Laura R. Sweeney
Jennifer M. Tapley
Jessica E. Taylor
Eric Templeton
Keya M. Thomas
Courtney R. Thomson
Emily G. Thrasher
Jenna N. Todd
Amanda J. Turissini

Alexis C. Tynes
Melissa C. Uribe
Uwayemen P. Uwadiale
Kayla M. Vadney
Bailey D. Van Liew
Lotte A. Vanderbijl
Danielle M. Vandorst
Ann M. Vanegas
Simone R. Verela
Maria A. Villalon
Talisha K. Walker
Annette S. Wanki
Brittany M. Warren
Rachel E. Wehmeyer
Jocelyn L. Weidner
Jasmine N. Wells
Ariel M. Whitmire
Lauren A. Williams
Leigha J. Wilson
Chanda H. Wingate
Donna G. Winters
Brittney L. Wittmer
Heather A. Woodard
Lauren C. Wynder
Yuliya Yartseva
Audrey L. Yeiter
Wintana B. Yosief
Stephanie N. Zeiber

ODU Nursing Student Volunteers Conduct Obesity and Injury Prevention Education Sessions

The Old Dominion University School of Nursing Obesity and Injury Prevention Community Health Groups for the 2011-2012 academic year received an Innovative Injury and Violence Prevention Award from the Virginia Department of Health!

The award reflects the interventions completed in collaboration with ForKids. The obesity prevention group presented five sessions from the federally based "Bodyworks" program to both ForKids emergency and transitional house residents, showing ways to create a healthier lifestyle for the parents and children. Pictured to the right are some of the nursing students making healthy meals to share.

The injury prevention group presented sessions on poison safety, immunizations for adults and children, motor vehicle safety, and appropriate use of the emergency room for health care.



COHS Administrative Staff Retreat

The College of Health Sciences held its first Administrative Staff Retreat on August 1. Cheryl Foreman, Training Manager, Human Resource conducted a training session.



DEAN FROM NICARAGUA OBSERVES ODU'S DENTAL HYGIENE RESEARCH CENTER

The dean of a dental school in León, Nicaragua, was in Virginia recently for an international exchange centered on curriculum development and best practices in dental care. During his visit, Dr. Humberto Altamirano, of the Autonomous University of Nicaragua (UNAN), drew on the experience of Physicians for Peace and Old Dominion's College of Health Sciences, as the groups work together to improve dental care in Nicaragua.

"We are excited that Dr. Altamirano came to ODU to observe and immerse himself in our dental hygiene educational system," said Gayle McCombs, the director of ODU's Dental Hygiene Research Center and a Physicians for Peace volunteer educator. "We will continue to work with Dr. Altamirano to support his efforts to expand dental care in Nicaragua with the establishment of the first dental hygiene program in Central America."

From May 13-23, Altamirano shadowed ODU faculty members, visited the school's dental hygiene care facility, sat in on classes and observed the local dental practices of Physicians for Peace volunteers in the area. McCombs worked with Physicians for Peace staff members and fellow ODU volunteers Tara Newcomb, assistant professor, and Carmelo Padrino Barrios, graduate student, to coordinate Altamirano's visit.

The need for better dental care in Nicaragua, and in underserved regions around the world, is significant. Dental hygienists and assistants are new roles within the health care systems in Nicaragua. The development of educational tracks to support both professions will lead to enhanced patient care and a stronger overall health system with improved career opportunities for young professionals.

"In many of the regions we serve, dental care becomes a lesser priority, behind more immediate health needs," said retired U.S. Air Force Brig. Gen. Ron Sconyers, president and CEO of Physicians for Peace. "We know that oral health has a dramatic effect on overall health, and we're very committed to working with Dr. Altamirano and ODU to create programs in Nicaragua that will elevate and improve the dental care in-country for generations to come."

A partnership between Physicians for Peace and the UNAN in León led to the opening of a first-of-its-kind dental assistant program in March 2011. Since that time, Physicians for Peace has continued working with UNAN officials and ODU to exchange information and ideas, develop curriculum and assess Nicaragua's ongoing oral care needs, including dental hygiene. Altamirano's visit was designed to build directly on these efforts.



Dean Humberto Altamirano visits with ODU's Tara Newcomb (center), assistant professor of dental hygiene, and Gayle McCombs, professor of dental hygiene

Anna Jeng Appointed as an Editorial Board Member of the Journal of Environmental Science and Health, Part B

Anna Jeng has been appointed as an editorial board member of the *Journal of Environmental Science and Health, Part B*, Pesticides, food contaminants and agricultural wastes. The Journal is well established in the international scientific community and has a worldwide circulation on subjects related to toxic and hazardous substances. The editor-in-chief recognized her extensive publications in related areas and personally invited Dr. Jeng to serve on the Board.



Dr. Jeng was also appointed to serve on the Advisory Committee of the Institute of Professional Environmental Practice (IPEP). IPEP's mission is to improve the practice and educational standards of environmental professionals around the globe through administration of multi-disciplinary certification programs. The Committee advises the IPEP about the professional development needs of graduates and curriculum related matters on emerging environmental professional and environmental health and sciences programs. Additionally, this committee is responsible for developing a knowledge base that defines an environmental professional, and oversees the ongoing maintenance requirements of the written exam for the Qualified Environmental Professional certification.

College of Health Sciences Facts

Alumni-10,575 alumni

Faculty and staff -67 full time, 100 adjunct, 20 staff

Enrollment-1161 students, 461(40%) graduate level

Graduates-443

Accreditation-18 accredited programs

Proposals Submitted: \$ 11,998,643

Awards received: \$ 2,467,261

Upcoming Events

August

25 Class Begins

September

3 Labor Day Holiday-University Closed

11 Welcome Back Picnic & Grand Opening of the Health Sciences Annex with Tours, 11:30 am-1:30 pm
Location: Water Pond Lawn across from HS Bldg.

12 & 15 CE Course: Dental Radiation Safety Certification

21 Fall Faculty Retreat, 10:00 am-12:30 pm
Location: Webb Center, Hampton, Newport News Rooms

21 Physical Therapy White Coat Ceremony, 4:00 pm
Location: TBD