

WCOHP

The College of Health Professions
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In This Issue...

3

**A Message from the Dean
Hovland named 2014
Outstanding Dietitian**

7

**Marshall and WVU to host first
Stuttering U. Summer Camp
July 17-19**

4

**Public Health Department
takes part in national child
obesity campaign**

8

**Speech and Hearing Center
partners with INTO to hold
dialect coaching sessions**

5

**4th annual Lose the Training
Wheels summer camp helps
special needs children ride
bicycles**

9

**2014 Research and Practice
Day Winners Announced**

6

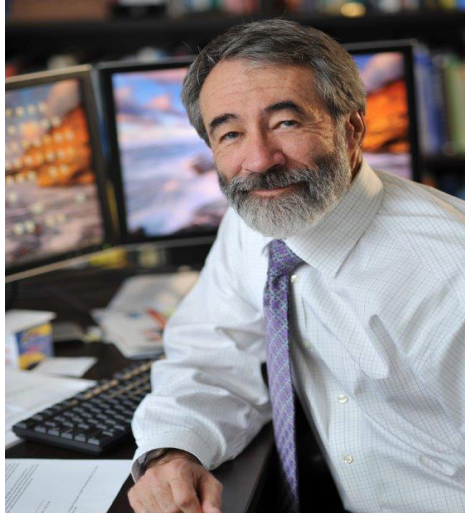
**Sawhney's global research on
child and maternal mortality
published in The Lancet**

10

**SON hosts 2nd annual EBP
Conference and 2014
Nursing Recognition
Ceremony**

A Message FROM DEAN PREWITT

Another spring semester has come and gone and as we enter the summer months, it is evident the College of Health Professions is thriving like never before, thanks to our exceptional students, faculty and staff. Earlier this month, our college awarded degrees to 256 undergraduates and 63 graduate students during the May commencement. What a great way to wrap up the school year. This will be the last newsletter before the start of the Fall 2014 semester so let me take this time to thank each and every one



of my faculty and staff for their continued hard work and dedication to our college. With the new PEIA partnership, the upcoming opening of our Prevention Center and the collaborative research projects happening within each department, it is clear we have several new and exciting things in the works. I look forward to further advancements within the COHP and I hope you'll continue to be a part of them. If you have any ideas to maintain and advance our initiatives, my door is always open. Have a great summer!

Michael Prewitt

Hovland named 2014 Outstanding Young Dietitian



Jana Hovland, an assistant professor within the Department of Dietetics, received the 2014 Outstanding Young Dietitian Award and Tonya Davis, a recent graduate of the program, was chosen for the 2014 Outstanding Dietetic Student Award.

Hovland, a West Virginia delegate to the Academy of Nutrition and Dietetics House of Delegates, said she feels honored to be recognized as the Outstanding Young Dietitian of the Year.

"Being involved at the state and national level allows me to provide our students with leadership and networking opportunities," Hovland said. "I am excited to see what our students accomplish and ways our department and WVAND will continue to impact the health of West Virginias."

The WVAND state conference was held May 13-14th at Fairmont State University. For more information on the meeting and those who received awards, visit <http://www.wvda.org/> online.

Public Health Department takes part in national AAPI- Child Obesity Awareness Campaign



Dr. Monika Sawhney smiles with a group of children at Guyandotte Elementary during the 2nd phase of the AAPI - Child Obesity Awareness Campaign held May 23rd.

Childhood obesity is on the rise in West Virginia and according to the Centers for Disease Control and Prevention, over 14% of all adolescents under 18 years of age in the state were considered to be obese in 2012.

If this isn't alarming enough, an article released last month by USA Today shows how over a lifetime, the medical costs associated with childhood obesity total about \$19,000 per child compared with those for a child of normal weight.

Dr. Vikas Khurana, national treasurer for The American Association of Physicians of Indian Origin (AAPI), said the organization wants to bring about awareness of childhood obesity through a program called Adopt a School – Childhood Obesity Awareness Campaign. Khurana said this is the first time the national AAPI has worked directly with communities and schools for health promotion and disease prevention.

“Our main goal for this project is to adopt at least 100 schools across the U.S. within the next year,” Khurana said. “We wanted to focus on Huntington, West Virginia because it is the capital of obesity in our country.”

Khurana said 43 schools across the nation have committed to participating in the campaign in the states of Alabama, California, Colorado, Florida, Georgia, Illinois, Kansas, New York, Oklahoma, Pennsylvania, Texas and now, West Virginia.

Dr. Monika Sawhney, director of the undergraduate program of public health at Marshall, said due to West Virginia's high rate of obesity, the Child Obesity Awareness Campaign was developed to fight this national and global epidemic at the ground level.

“The Child Obesity campaign will be a collaborative effort amongst AAPI, the public health students at Marshall University, the School of Medicine and local physicians,” Sawhney said. “We want to teach our youth the importance of nutrition and daily activity to help them avoid long-term health issues related to obesity.”

Sawhney said three local elementary schools have committed to the project: Highlawn Elementary School, Guyandotte Elementary School and Altizer Elementary School. She said an estimated 400 children would be reached throughout the campaign.

The first phase of the Child Obesity Awareness Campaign kicked off at 12:15 p.m. at Highlawn Elementary School, located at 2549 1st Avenue in Huntington. The second phase took place at 12:45 p.m., May 23rd at Guyandotte Elementary School, located at 605 5th Avenue in Huntington. The third phase took place 1 p.m., May 27th at Altizer Elementary School, located at 250 3rd Street in Huntington. Media are welcome and encouraged to cover these events.

For more information on the Child Obesity Awareness Campaign, please visit <http://aapiusa.org/education/childhood-obesity-awareness-program.aspx> online or on Facebook at <https://www.facebook.com/AAPIChildhoodObesity?ref=hl>. For more information on child obesity rates in West Virginia, visit www.cdc.gov online. To read the USA Today article, visit <http://www.usatoday.com/story/news/nation/2014/04/07/childhood-obesity-costs/7298461/online>. To learn more about the Marshall University College of Health Professions and its involvement with the campaign, contact Sawhney at 304-696-2602, sawhney@marshall.edu or visiting www.marshall.edu/cohp online.

LINK TO VIDEO: <http://youtu.be/DbRDRbN4Ezk>

4th Annual Lose the Training Wheels Summer Camp

teaches special needs children to ride bicycles



COHP Staffer Megan Archer stands alongside camp volunteers with 10-year old Sarah Brown who was diagnosed with severe PDD-NOS. Brown learned to ride her two-wheel bicycle independently during the 2013 LTTW Summer Camp.

For the fourth consecutive year, Marshall University's School of Kinesiology is hosting the Lose the Training Wheels Camp July 14-18 at Huntington High School. The program, offered in concert with the non-profit charity iCanShine, teaches participants with disabilities how to independently ride a two-wheel bicycle.

iCanShine is a national organization that works with local organizations to host camps in individual communities. Staff members travel the country conducting the camps, and have an average success rate of more than eighty percent. Participants attend one 75-minute session each day for five consecutive days.

Dr. Gregg Twietmeyer, associate professor of kinesiology at Marshall, said the benefit is two-fold: one, participants can learn the joys of riding a bike, which can lead to increased self-esteem and confidence; and two, Marshall students who volunteer as spotters for the riders get to see firsthand the important role of physical activity in human well-being and culture.

"The School of Kinesiology is honored to again host the Lose the Training Wheels Camp. We're

hoping to have the maximum 35 riders this year. The more riders enrolled the more people we can help discover the joys of riding a bike," Twietmeyer said.

To be eligible to register for the camp, participants must be at least 8 years old and have a diagnosed disability. They must have a minimum inseam of 20 inches, weigh less than 220 pounds and be able to walk without assistive devices. Teens and adults may participate as well.

The registration fee is \$100 and some scholarships are available. For more information on registration or volunteering, visit www.marshall.edu/lttw. For more information on Marshall's School of Kinesiology, visit www.marshall.edu/cohp online.

For more information on the camp or to inquire about scholarships, call Twietmeyer at 304-696-2938 or Dr. Jarrod Schenewark, associate professor of kinesiology, at 304-696-2937.

Individuals interested in helping to defray the costs of the camp through financial donations may contact Rick Robinson, Director of Development with the Marshall University College of Health Professions, at 304-696-7081.



Sawhney's global research on child and maternal mortality rates published in *The Lancet*

Dr. Monika Sawhney of the Marshall University College of Health Professions served as co-author for two articles published last month in *The Lancet* on research related to child health and maternal health. *The Lancet* is the world's leading general medical journal and specialty journals in oncology, neurology and infectious diseases.

Sawhney, director of the undergraduate public health program within the college, said her research began last summer after traveling to Greece for the "Global Burden of Disease" workshop held May 7-17.

"This has been an international effort through the Institute for Health Metrics and Evaluation (IHME) to address maternal and child mortality throughout our global world," Sawhney said. "The United Nations established MDGs (millennium development goals) to decrease maternal and child deaths by 2015. If we continue on this path, child deaths will fall from more than 6 million in 2013 to fewer than 4 million in 2030."

Sawhney was one of over 40 authors who worked on this study with her major emphasis and contribution for countries such as India, Kenya, Tanzania, Ethiopia, Sri Lanka and Nepal. The results of each article were featured in the *Science Daily Journal* on May 2.

According to the journal, the first installment in IHME's new updates to the Global Burden of Disease study shows that child death rates dropped by 48% globally between 1990 and 2013. Maternal deaths also decreased over the same period, though 293,000 women still died in 2013 from pregnancy-related causes. The majority of countries have seen faster declines in maternal and child deaths -- with child deaths reduced by 3.5% per year since 2000 and maternal deaths by 2.7% per year since 2003.

"Working on an international project such as this demonstrates the importance of an organization like IHME and the impact it has on our global world," Sawhney said. "My collaboration with IHME has placed Marshall University on the international front and future work will increase partnerships with people all across the world who are working toward improvements in children's health and wellness."

The study states, "45 countries, including 27 in the developing world, are on track to meet the millenni-

um development goals of reducing child death rates by two-thirds of 1990 levels by 2015, while only 16 countries -- most in Central and Eastern Europe -- are likely to achieve the MDG target of a 75% reduction in their 1990 maternal death rate by 2015."

To read more about IHME's initiatives toward improving the Global Burden of Disease, view *The Lancet* articles online at <http://www.sciencedirect.com/science/article/pii/S0140673614604979>

and <http://www.sciencedirect.com/science/article/pii/S0140673614606966>. For more information on Marshall University's department of public health and its work toward improving maternal and child health, contact Sawhney at sawhney@marshall.edu or visit www.marshall.edu/cohp online.



Marshall and WVU to hold first Stuttering U.

Summer Camp at Marshall Speech and Hearing Center July 17-19

One out of every hundred people stutter, according to Marshall communication disorders professor and stuttering specialist, Craig Coleman.

“Many people think of stuttering as a disruption in the flow of speech, but that’s disfluency - not stuttering. It’s much more than that,” Coleman said. “It is the physical tension, the eye blinking, the hand tapping, the head nodding, it’s the negative feelings and emotions people experience, the negative reactions of those around them in their environment and the overall impact stuttering has on their communication.”

Coleman said stuttering may not be eliminated in most older children and teenagers, but it can be effectively managed through treatment. He said this is why the Marshall University Speech and Hearing Center has joined with West

Virginia University to hold the Stuttering U. summer camp to help children 7-18 years of age become better communicators.

“Through this collaboration, we wanted to offer diverse experiences that will empower these individuals to succeed socially, academically and one day, professionally,” Coleman said.

Mary Weidner, a speech-language pathologist and a current doctoral student in the West Virginia University Department of Communication Sciences and Disorders, said working with rural populations allowed her to see the need for this partnership.

“In a rural state like West Virginia, many kids who stutter have never met another child who stutters,” Weidner said. “This is a unique opportunity for those in rural settings to meet somebody else who has gone through this shared experience and the value of this is immeasurable. Our overall goal is to empower kids with knowledge about stuttering and allow them to connect with others kids who stutter so they can really start to develop and uncover the skills that are necessary to be confident communicators.”

Weidner said speech-language pathologists who attend the camp will be provided a 12-hour continuing education workshop on July 15th and July 16th. The cost of the 3-day camp is \$175 and will provide children and parents community-centered stuttering intervention through education, consultation, treatment and support.

For more information on the Stuttering U. summer camp and how to register, contact Coleman at craig.coleman@marshall.edu or visit <http://www.marshall.edu/cohp/index.php/health-services/mu-speech-and-hearing-center/stuttering-clinic/resources2/> online.

Dates To Remember

- **June 5th:** Pullman Concert Series Booth Demo, COHP Reserved Table, Downtown Huntington, 7-10 p.m.
- **June 11th:** Department Chair Meeting, Dean’s Suite, PH 224, 9:30 a.m. (Every two weeks until semester begins)
- **June 18th:** PEIA Men’s Health Month Fair, MSC, 10 a.m. - 1 p.m.
- **July 3rd:** Pullman Plaza 4th of July Demo, COHP Reserved Table, Downtown Huntington, 5-9 p.m.
(All Faculty/Staff welcome to attend)
- **July 4th:** Independence Day Holiday, University Closed
- **August 15th:** Summer classes end
- **August 25th:** Fall 2014 semester begins, 8 a.m.

Marshall Speech and Hearing Center

partnered with INTO to hold dialect coaching classes

The Marshall University Speech and Hearing Center (MUSHC) has joined with INTO to provide dialect coaching sessions for international students on campus who want to improve their English skills.

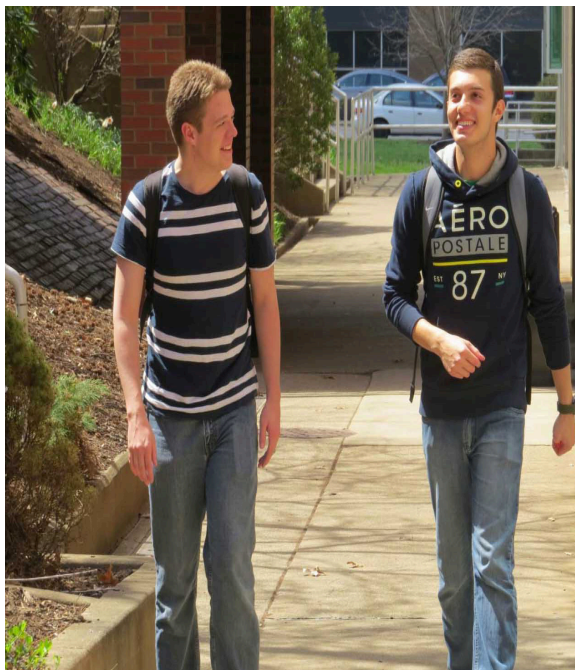
Loukia Dixon, assistant professor in the Marshall Department of Communication Disorders, said since August 2013, the MUSHC has offered an elective course in dialect modification coaching to INTO students from countries around the world including Brazil, Iraq, Jordan, South Korea, Vietnam, China, Taiwan, Russia and Kazakhstan.

“Before this partnership with INTO, most of us lived in a bubble with no idea of the conversational opportunities available to us here on Marshall’s campus,” Dixon said. “Giving our students a chance to interact with individuals from different countries provides invaluable cultural experience and encourages them to learn about our global world.”

As supervisor of the elective course, Dixon said the dialect modification sessions consist of four clinical groups of INTO Marshall students, which meet with graduate clinicians for 50 minutes once a week for the entire semester.

Sara Henson, a 23 year old graduate student within the department of communication disorders, said the MUSHC and INTO collaborate weekly to plan and implement large and small group activities to address conventional pronunciation of English sounds as well as the rate of speech, stress, rhythm and idiomatic expressions used every day in the U.S.

“Over the past two semesters, I’ve had the opportunity to provide services to clients from five different countries and it’s rewarding to listen to them talk about their native countries, cultures and traditions,” Henson said.



“The partnership between the INTO program and MUSHC is so important because it not only gives the graduate students a unique clinical experience, but it also helps the INTO students communicate more successfully with their professors, classmates and new friends they’ve made here on Marshall’s campus.”

Mollie McOwen, coordinator for the Learning Resource Center at INTO Marshall, said students enrolled in the dialect coaching elective are provided personal instruction which provide them with the clarity of speech necessary to be understood by native and non-native English speakers.

“INTO Marshall students are given the opportunity to engage in social interaction with local residents on meaningful levels,” McOwen said. “INTO students learn more about the cultures of Marshall and Huntington and gain understanding of the perspectives of those native to the American culture.”

McOwen said the dialect coaching elective is a popular one with INTO Marshall students and always seems to be full.

“The cultural opportunities to learn from one another are great and often differ from semester to semester, based on the inclinations, experiences and personalities of those participants,” McOwen said. “This partnership is one that INTO Marshall values greatly, and we do hope to continue offering the elective to students each fall and spring semester.”

To find out more about INTO Marshall, visit <http://www.intohigher.com/us/en-us/the-universities/into-marshall-university.aspx> online. To learn more about the Marshall University Speech and Hearing Center, visit www.marshall.edu/cohp online.

2014 Research and Practice Day

Winners Announced; Awards Presented to 11 Students

The first Research and Practice Day sponsored by the Marshall University College of Health Professions took place Friday, April 25, with awards presented to 11 students. The event showcased the work of undergraduate and graduate students in both oral and poster presentations. Entries included such topics as communication disorders in Appalachia, smartphone applications in medicine and innovations in nursing practice.

The winners for Outstanding Research Presentation were as follows:

Graduate

Having a Disability in Appalachia: Social, Cultural, and Political Considerations
Sara Henson, Megan Foster, Hilliary Johnson, Jordan Lewis, Katie Wilson
Communication Disorders
Adviser: Dr. Karen McComas

Undergraduate

Utilization of Unilateral Heat to Increase Extremity Bone Length in Mice
Jenna Vance
School of Kinesiology
Adviser: Dr. Kumika Toma



(Left to right): Dr. Kumika Toma, Dr. Sandra Prunty, Dr. Michael W. Prewitt, Dr. Girmay Berhie and Dr. William Pewen served as members of the planning committee for the 2014 Research and Practice Day.

The winners for Outstanding Practice Presentation were as follows:

Graduate

Pre-Service Teachers' Knowledge and Perceptions of Stuttering
Emily Barney
Communication Disorders
Adviser: Craig Coleman

Undergraduate

Prevention of Ventilator Associated Pneumonia in Critical Care Patients
Megan Evans, Chelsea Cottrell, Kristen Deise, Elizabeth Sites
School of Nursing
Adviser: Dr. Anita Swartzwelder

Dr. William Pewen, associate dean of research for the college, applauded all the participants, noting, "As an inaugural event for our college, this forum provided a sample of the remarkable breadth of our students' endeavors. We hope this event helps provide a springboard for our graduates to continue their work in advancing our knowledge and improving practices to promote health."

For more information about the 2015 Research and Practice Day, contact Pewen at pewen@marshall.edu or 304-696-3743.

SON host 2nd annual EBP Nursing Conference and 2014 Nursing Recognition Ceremony

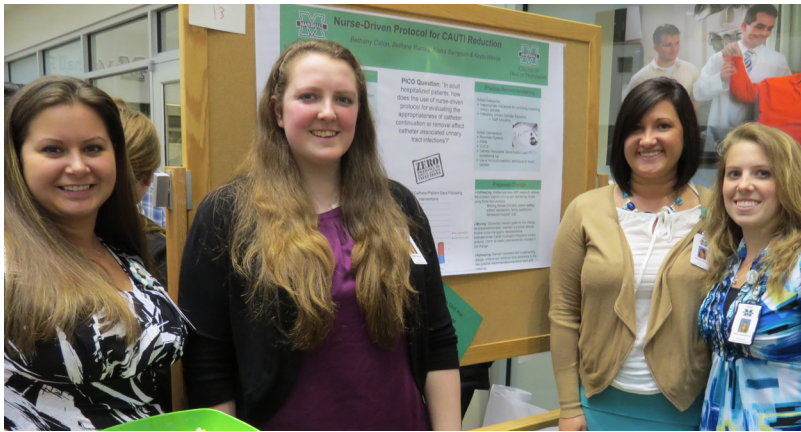


Marshall University faculty and students from the School of Nursing presented research at the 2nd annual Evidence-Based Nursing Conference at Cabell Huntington Hospital, Friday, April 25.

The conference was sponsored by the Marshall University College of Health Professions, the Nu Alpha Chapter of Sigma Theta Tau International Honor Society of Nursing and Cabell Huntington Hospital. Currently, Cabell Huntington Hospital is the largest clinical site for students within the Marshall School of Nursing.

The 2014 Nursing Recognition Ceremony was held 7 p.m. at Christ Temple Church in Huntington.

Seventy seven graduates received their bachelor of science nursing degree; 36 received their master of science in nursing with a family nurse practitioner area of emphasis; six received their master of science in nursing with nursing administration area of emphasis; four received their master of science in nursing with education area of emphasis; six with post masters certificates; five will become family nurse practitioners and one graduate received their degree in nursing administration. To view the full gallery of photos, visit the Marshall COHP Facebook page at the link shown below.



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