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WE ARE... MARSHALL®

The Newsletter for Marshall University

January 9, 2019

Marshall heads to Capitol for annual legislative event



MARSHALL UNIVERSITY DAY AT THE CAPITOL January 14, 2019

GREEN DAY – Alumni, friends and legislators are encouraged to wear kelly green to show their support!

JOHN MARSHALL FIFE AND DRUM CORPS will perform!

BOOTH DISPLAYS, located in the Upper Rotunda of the Capitol, will feature exhibits promoting Marshall University colleges and programs.

RESOLUTIONS will be read in the House of Delegates and Senate declaring January 14, 2019, as Marshall University Day.

MARSHALL UNIVERSITY STUDENTS will be recognized by the House of Delegates and the Senate.

For more information contact the Marshall University Alumni Association
alumni@marshall.edu



Dozens of Marshall University faculty, staff, coaches and students are set to visit the West Virginia State Capitol Monday, Jan. 14, as the university celebrates the annual Marshall Day at the Capitol.

Representatives from Marshall, including Marco the Bison, will be at the

Capitol from 9 a.m. to 1:30 p.m., greeting visitors and interacting with legislators. Dozens of displays promoting a variety of programs will be set up during the event, which is being organized by Marshall's office of alumni relations.

“Marshall Day at the Capitol is one of our favorite events of the year,” said Matt Hayes, executive director of alumni relations. “Having the opportunity to interact with our state lawmakers and Capitol staff, many of whom are alumni of Marshall University, is always a great experience. Dozens of university programs are exhibited while administrators, including University President Dr. Jerry Gilbert, students and coaches are recognized via special proclamation in both the house and senate chambers. So many exciting things are happening at Marshall and we take great pride in showcasing our university at our state Capitol.”

Hayes said representatives from Marshall will be hosting exhibits, greeting visitors and interacting with legislators, while emphasizing that every Marshall degree earned is an investment in the future of West Virginia. Marshall University alumni in and around Charleston will also be on hand to partake in the festivities, including members of the brand-new Capitol Chapter, which is composed of government employees working at the Capitol.

Participating departments are encouraged to use the Twitter hashtag #MarshallUday for tweets that day.

City to hold public meeting Thursday regarding Fairfield



The public is invited to a community meeting from 6 to 8 p.m. Thursday, Jan. 10, at the A.D. Lewis Community Center, 1650 A.D. Lewis Ave., to give feedback on planning for better housing and neighborhood improvements in Fairfield.

The City of Huntington and the Huntington Housing Authority recently received a planning grant from the U.S. Department of Housing and Urban Development. The Choice Neighborhoods Initiative focuses on planning for better housing and neighborhood improvements. It focuses on

enhanced services, security, improved schools and youth programs, additional educational opportunities, better transportation and access to jobs.

The goal of the initiative is to develop an innovation plan that establishes a vision for the former Northcott Court property along Hal Greer Boulevard and for the surrounding community as a whole. The meeting will also feature an update on the Hal Greer Boulevard Corridor Plan.

For more information, contact City of Huntington Development and Planning Director Scott Lemley by phone at 304-696-4486 or by e-mail at lemleys@cityofhuntington.com, or visit www.cityofhuntington.com/residents/americas-best-communities.

There will also be a drop-in design workshop at St. Peter Claver Catholic Church, 828 15th St., from 8 a.m. to 5 p.m. today (Wednesday, Jan. 9) so the public can stop by and provide their input on the corridor plan. A summary of that input and an overview of the corridor plan will be part of the community opportunities meeting at the A.D. Lewis Community Center on Thursday.

More information about the Hal Greer Boulevard Corridor Plan can be found at www.completehalgreer.com.



MU Choral Union issues invitation to sing

The Marshall University Choral Union invites singers to join its ensemble for a new semester of choral music making.

Under the direction of Deborah Bradley, the Choral Union rehearses from 7 to 9 p.m. Mondays in Room 150 of Smith Music Hall. There are no audition requirements, and there is no cost to participate. The first rehearsal is Jan. 14, and there will be no rehearsal on Jan. 21 for Martin Luther King Jr. Day.

This semester, the MU Choral Union is collaborating with the local Jewish community to present a program in remembrance of the Holocaust. The concert will take place Sunday, April 28, at B'nai Sholom Congregation, 949 10th Ave., Huntington, in conjunction with the annual Day of Remembrance.

Contact Bradley by e-mail at bradley34@marshall.edu for more information.

Marshall receives \$81,398 for further development of Clio history app

The Marshall University Research Corporation has received \$81,398 from the National Endowment for the Humanities to use for further development of Clio, an educational website and mobile application that connects people to nearby historical and cultural landmarks. The funds will help create a more robust walking tour function, with help from local software developers.

Named in honor of the ancient muse of history, Clio can be found online at www.theclio.com. Over the past five years, Clio has grown to include over 30,000 landmarks and 450 walking tours throughout the United States as hundreds of universities, historical societies, museums, and libraries have created individual entries and walking tours in their communities. For example, Harvard University and Boston University have created entries and walking tours in Boston while New York University students, faculty, and librarians are using Clio to connect residents and visitors to the history of New York.

The grant will allow Clio to incorporate new location-aware technologies that weren't available when Dr. David Trowbridge, an associate professor of history at Marshall, created the app in 2013. He will lead a team of humanities scholars and museum professionals, including Lori Thompson of Marshall University Libraries, as well as four graduate students, in establishing the new audio narration feature of the program, with help from software engineers at Strictly Business Computer Services in Huntington.

With additional funds provided by donors and a recent matching grant from the West Virginia Humanities Council, the new platform will allow humanities and cultural organizations in West Virginia and throughout the United States to create free walking tours that include narration and augmented reality features. For example, the team at Marshall will work to build a prototype design that will make it even easier to discover nearby historical and cultural landmarks. Users will also have the option to use Clio's current system of turn-by-turn navigation, or they can be guided by an arrow on their mobile device. Users will even be able to listen to local historians and residents as the system guides them through their city. These new features will augment Clio's existing features which include text, images, media, and links to related articles and books.

"This project began as a single-semester experiment," explained Trowbridge, "but it grew into something more as students, and their families started using Clio and sharing it with others. The people of our community share a unique sense of place and identity, and I am so proud to see how something that began in my classroom inspiring people around the country to engage with local history and their cultural heritage."

Trowbridge believes that, in addition to building a better platform, the grants and donations that are building Clio will serve as a catalyst that will support economic growth. He hopes that the project will continue to bring resources to Marshall and the Huntington community in addition to supporting education and tourism.

In addition to this outright grant, Marshall has received a matching grant that will support paid internships for students to study West Virginia history and create new walking tours and heritage trails. That grant still requires matching funds, and all donations will be matched 1-1 to provide numerous opportunities for students and improvements to Clio. All donations are tax-deductible, and anyone wishing to support the project can contact Trowbridge or the Marshall University Foundation.

Cosco joins RCBI as Communications Specialist



Marketing and public relations veteran Kathy Cosco has joined the Robert C. Byrd Institute (RCBI) as communications specialist. As part of the public information team, Cosco will boost efforts to increase awareness of the innovative solutions and leading-edge technology RCBI provides to entrepreneurs, businesses and advanced manufacturers.

“Kathy brings a wealth of knowledge and experience to this position,” said Charlotte Weber, RCBI director and CEO. “Her understanding of communications and media strategies will enable us to better market our services as West Virginia’s Advanced Manufacturing Technology Center.”

Cosco returns to Huntington, where she spent nearly 20 years with Cabell Huntington Hospital in a variety of positions in its marketing and public relations department, ultimately serving as its media and community relations manager.

“I am excited to be a part of such a talented team of people who are committed to growing West Virginia’s economy,” Cosco said.

Over the course of her career, Cosco also served as the manager for external affairs for West Virginia at Frontier Communications, director of communications for the West Virginia Department of Environmental Protection and, most recently, senior consultant for Ann Green Communications, specializing in community engagement and crisis communications, primarily for industrial clients.

Cosco, a native of Hurricane, is a 1988 graduate of the W. Page Pitt School of Journalism and Mass Communications at Marshall. She can be reached by e-mail at kcusco@rcbi.org.

Given family helps future Marshall medical students by establishing scholarship



A rural physician and alumnus, W. Douglas Given, M.D., and his wife, Mary, have established an endowed scholarship with the [Joan C. Edwards School of Medicine](#) to assist aspiring physicians from central West Virginia.

A lifelong West Virginian and native of Strange Creek in Braxton County, Douglas Given graduated from the Marshall School of Medicine in 1983, where he also completed his family medicine residency. He practiced as a family medicine physician in Braxton County from 1986 until 2015,

when he joined Braxton County Memorial Hospital. The couple's daughter, Laura M. Given, M.D., also earned her medical degree from the Marshall School of Medicine in 2017 and is now completing her family medicine residency at Marshall.

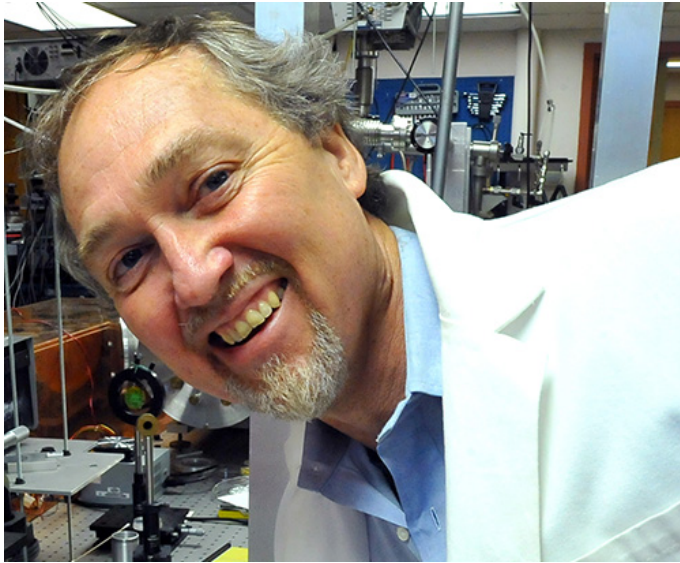
The scholarship, known as the *Given Family Scholarship*, was established as part of the school's Adopt a Medical Student scholarship program in memory of Doug Given's parents, William Henry and Marjorie A. Given.

"My parents supported me continuously and sacrificed so much so I could become a physician," Doug Given said. "Because of them I get to do something I love every day in the same community I grew up in. Mary and I feel honored to help someone else fulfill a similar purpose."

The *Given Family Scholarship* is designated for first-year medical students, with first preference given to a student from Braxton County. Second preference will be given to a student from Calhoun, Clay, Lewis, Gilmer, Nicolas or Webster counties and third preference is for any West Virginia resident. The award is renewable for three additional years pending normal academic progress.

For more information or to make a gift to the Marshall University Joan C. Edwards School of Medicine, please contact [Linda Holmes](#), director of development and alumni affairs, by phone at 304-691-1711, by e-mail at holmes@marshall.edu or by visiting jcesom.marshall.edu/alumni.

Marshall physics professor to publish groundbreaking acoustic laser research



Marshall Physics Professor Dr. Thomas E. Wilson's research on high-frequency acoustics has resulted in the discovery of the acoustic equivalent of a laser, and will be reported as a *Rapid Communication* in *Physical Review B*, a leading scientific publication.

Compared to optical lasers, the development of acoustic lasers is in its infancy. Wilson's approach stems from a so-called "non-linear" light/sound interaction that can occur in a custom atomic-layered "superlattice." To Wilson's knowledge,

there are only two other instances of acoustic lasers that have been developed.

Wilson's approach is advantageous because there are no electronic transitions involved, which would create waste heat. Also, the fabrication of Wilson's acoustic parametric oscillator is simpler because it does not use conventional mirrors, as most lasers require.

The research describes his approach to creating a source of coherent acoustic waves, equivalent to an acoustic laser, and one that operates at record-high frequencies in which the acoustic wave quanta are called "phonons." This equivalent to an acoustic laser is a "self-starting mirrorless acoustic parametric oscillator based upon a nonlinear acousto-optic degenerate four-wave mixing" that he developed. Researchers have been pursuing an acoustic laser for decades.

"Wave phenomena are ubiquitous in musical acoustics and hospital ultrasounds, and the same effect occurs in my device, except at much higher frequencies," Wilson said. "In this process, there is an effective, acoustic mirror that appears spontaneously, a 'phase-conjugate' mirror, during the four-wave mixing. That means I don't have to fabricate mirrors, which is a complicated process."

Light lasers have been used in everything from retail scanners to CD players to surgery, so the potential for the acoustic laser could be broad as well. Such lasers could be used in ultrasounds to safely increase beam quality. Using a parametric oscillator to extend ultrasonic imaging into the nanoscale is one exciting prospect, he said.

“This research has been a long, fascinating journey. Phonon physics has been my life’s work,” Wilson said, adding that his first funding came during President Reagan’s administration and resulted in his invention of a “cavity-dumped” far-infrared laser. “This recent and totally unexpected discovery of the acoustic parametric oscillator is icing on the cake.”

He has been invited to present his research at the Fourth International Conference on Metamaterials and Nanophotonics in July 2019 in St. Petersburg, Russia. Wilson will speak during a special session on phonons. He is also organizing the *16th International Conference on Phonon Scattering in Condensed Matter – PHONONS 2021*, to be held at Marshall University in 2021.

“Thomas has emerged as a leader in the field of acoustic lasers, which is a wonderful thing for the College of Science, and for our students,” said Dr. Chuck Somerville, dean of the Marshall University College of Science. “He has clearly demonstrated the importance of determination and persistence, and it is great to know that his work is now gathering international interest.”

Faculty Achievement: Dr. Penny Koontz



Dr. Penny Koontz, associate professor of psychology and director of the MU Psychology Clinic, has been elected to serve as president of the West Virginia Psychological Association (WVPA), state affiliate of the American Psychological Association. She began her term Jan. 1 and will serve as WVPA president for one year.

Faculty Achievement: Dr. Brian Kinghorn

Dr. Brian Kinghorn, assistant professor of curriculum, instruction and foundations in the College of Education and Professional Development, has had an article published online in [The Conversation](#), a national daily online news publication.

The article, titled [“Why shaming your children on social media may make things worse,”](#) appeared on the front page of the site Dec. 13 and has been republished by media such as the Houston Chronicle, SFGate, Seattle Post-Intelligencer, Idaho Press-Tribune, Bozeman Daily Chronicle, and The Raw Story.

“I’m very interested in the intersections of human development and psychology,” Kinghorn said. “The impetus for the article came as a result of many parents posting videos of them punishing their kids on social media. The overwhelming response to these videos has been positive, but the public discourse surrounding these videos was missing a very important element: the potential negative outcomes of publicly shaming kids on social media, which is essentially parental cyberbullying. Especially with social media, people let their emotions get in the way of critical thinking and I felt that it was important to add to the conversation.”

Kinghorn teaches child development and educational psychology in the COEPD, as well as “Psychology of Social Media” in the Honors College and for WVROCKS, the West Virginia Remote Online Collaborative Knowledge System, which makes courses from institutions that offer the Regents Bachelor of Arts Degree available to online students.

WMUL-FM wins 23 international MarCom creative awards

Students and faculty from Marshall’s public radio station, WMUL-FM, received 23 awards in the international MarCom Creative Awards 2018 Competition, which recognizes achievement by marketing and communication practitioners. They were recognized from among more than 6,000 entries in the competition from radio stations, advertising and public relations agencies, educational institutions and other organizations.

“This is an outstanding accomplishment to be recognized as having produced a stellar live, remote broadcast of the 47th Annual Marshall Memorial Fountain Ceremony, having written and produced another long line of insightful sports packages, broadcast a compelling weekly wrap-up program of professional wrestling and for exciting play-by-play announcing of both Marshall football and men’s basketball games,” said Dr. Chuck

G. Bailey, professor of radio, television production and management in the W. Page Pitt School of Journalism and Mass Communications and faculty manager of WMUL-FM. “These MarCom Awards are a tribute to the continual quality and commitment of the radio station’s student volunteer staff to news and sports coverage, promotional creativity/production and maintaining a mobile and online presence by our overall radio station and FM 88 sports staffs.”

The Platinum Award-winning entries by WMUL-FM are in the following categories:

Audio/Radio Special Broadcast

“47th Annual Marshall Memorial Fountain Ceremony,” a live remote with Adam Rogers, a graduate from Milton, and Kyra Biscarner, a senior from Marysville, Michigan, broadcast Tuesday, Nov. 14, 2017. The remote broadcast was produced by Brian Leonard, a graduate from Huntington.

Audio/Radio Sports Package Podcast

“Tyre Brady’s Record Day,” written and produced by Adam Rogers, broadcast in September 2017, and available online.

“Marshall Football Open Space Tackling,” written and produced by Adam Rogers, broadcast in October 2017 and available online.

Audio/Radio Magazine Program

“Marking Out,” with hosts Alexis Stewart, a senior from Huntington, and Matthew Belville, a community volunteer from Huntington, broadcast in October 2017.

Audio/Radio Sports Play-by-Play Programming

WMUL-FM’s broadcast of Marshall football versus North Carolina State University broadcast in September 2017, featuring work from play-by-play announcer Adam Rogers; color commentator Luke Creasy, a recent graduate from Huntington; analyst/on-site producer Dr. Chuck G. Bailey; and engineer Spencer DuPuis, a junior from Leesburg, Virginia.

WMUL-FM’s broadcast of Marshall men’s basketball versus University of Tennessee-Martin broadcast in November 2017, featuring work from play-by-play announcer Adam Rogers; color commentator Luke Creasy; and engineer Marquez Davila, a senior from Sterling, Virginia.

The Gold Award-winning entries are in the following categories:

Audio/Radio Newscast

The “5:00 p.m. Edition of Newscenter 88” broadcast in April 2018, with producer Spencer DuPuis; anchor Adam Rogers; anchor Makaylah Wheeler, a sophomore from Huntington; Tristan Poston, a junior from Huntington, reporting the weather; and sports anchor Nick Verzoloni, a sophomore from Stewartstown, Pennsylvania.

Audio/Radio News Package/Podcast

“Marshall University President Jerome Gilbert Responds to West Virginia State of the State Address,” written and produced by Adam Stephens, a junior from Nitro, broadcast in February 2017.

Best Audio/Radio Podcast

“47th Annual Marshall Memorial Fountain Ceremony,” broadcast in November 2017.

Regularly Scheduled Audio/Radio Program

WMUL-FM’s Classroom Concert Series, featuring the band “Colly.” Interviews conducted by host Austin Creel, a senior from Parkersburg. Producers of the live band playing recording session were Sam Adkins, senior from Huntington, and Michael Stanley, WMUL-FM operations manager from West Hamlin. Broadcast over WMUL-FM and posted online in April 2018.

Audio/Radio Promotional Announcement

“Out of this World,” an in-house promotional announcement first broadcast in August 2017, written and produced by Brian Leonard, and featuring the voice talents of Luke Creasy, Adam Rogers, Dylan Stone, and Savannah Matney, a junior from South Point, Ohio.

Social Media Site/Instagram Overall

The radio station’s Instagram account was overseen in 2017-2018 by Adam Rogers, WMUL-FM student manager, and Austin Creel, music director. Found at <http://www.instagram.com/wmul>.

Radio/Sports Program

The March 16, 2018, edition of a collaborative high school sports radio program between WMUL-FM and WFGH-FM in Fort Gay, West Virginia, “*Basketball Friday Night in West Virginia*,” broadcast to a statewide audience. Volunteer guest hosts provide fans with continual score updates, interviews and analysis of the evening’s games.

Audio Sports Play-by-Play Programming

Football matchup of Marshall versus Cincinnati broadcast in September 2017, featuring work from play-by-play announcer Luke Creasy; color commentator Dylan Stone; executive producer Adam Rogers; spotter Gabi Warwick, a recent graduate from Martinsburg; and engineers Nick Arguelles, a sophomore from Great Cacapon, and Austin Creel.

Audio/Radio Ad Campaign

“Marshall’s W. Page School of Journalism and Mass Communications sports journalism program promotional announcements,” an advertising campaign written and produced by Dr. Chuck G. Bailey, WMUL-FM’s faculty manager, and featuring voice talents of local professionals and broadcast in September and December 2017.

The Honorable Mention Award-winning entries are in the following categories:

Audio/Radio News Package/Podcast

“Young Lego Builders,” written and produced by Olivia Zarilla, a senior from Ona, broadcast in February 2018.

Regularly Scheduled Audio/Radio Program

WMUL-FM’s Classroom Concert Series, featuring the solo artist “Brad Goodall” of a local band and a live interview by Austin Creel. Producers were Sam Adkins and Michael Stanley. The program was broadcast over WMUL-FM and posted online in May 2018.

Audio/Radio Sports Package/Podcast

“Kent State Head Coach Paul Haynes Returns to the Sidelines,” written and produced by Luke Creasy, broadcast in September 2017.

Audio/Radio Sports Magazine Program

“High Speed Sports with DSL,” with hosts Luke Creasy, Adam Rogers and Dylan Stone. Produced by Landon Mitchell, a senior from Ottawa, and broadcast in October 2017.

Social Media Site: Twitter Overall

WMUL’s Station Twitter account, at @WMUL_Radio, was overseen in 2017-2018 by Adam Rogers and Austin Creel. WMUL’s FM 88 Sports Twitter, at @WMUL_Sports, is overseen by all members of the FM 88 Sports staff.

Social Media Site: Instagram

WMUL's FM 88 Sports Instagram, overseen by Adam Rogers and Luke Creasy. Found at http://www.instagram.com/wmul_sports/.

Audio/Radio Single Spot

"Student Powered Media," a promotional advertisement written and produced by Dr. Chuck G. Bailey, first aired in September 2017.

The next regular issue of *We Are...Marshall* will be distributed Jan. 16, 2019. Please send items for consideration to WAMnewsletter@marshall.edu by 5 p.m. Monday, Jan. 14, 2019.

To read the content of this newsletter online, please click on the following link: www.marshall.edu/wamnewsletter/January-9-2019.
