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Homecoming Brings Out Superheroes, Stars

A fall week of festivities is planned Oct. 19-24 as Cal U celebrates Homecoming 2015 with a talent showcase and a float-filled parade with a "Superheroes" theme.

Weekend events begin at 7:30 p.m. Oct. 23, when interim University President Geraldine M. Jones invites alumni, employees and friends of Cal U to attend "Our Showcase of Stars" in Steele Hall Mainstage Theater. Some of Cal U's most talented alumni, students and faculty will appear onstage to benefit the Student Scholarship Fund for Academics, Arts and Athletics.

Ticket price is \$10; students with valid CalCards are admitted free. All Cal U alumni are invited, and the public is welcome to attend. Tickets will be available at the door, or by calling the Steele Hall Box Office at 724-938-5943.

Homecoming Parade

After "Our Showcase of Stars," President Jones will visit the various fraternities, sororities and other organizations preparing floats for the Homecoming Parade, a traditional highlight of the weekend celebration.

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One of many Homecoming highlights is the annual parade, which begins at noon on Oct. 24.

Homecoming Parking and Transportation

Free visitor parking is available Oct. 24 in Lot 4 (the River Lot) and from 8 a.m.-11 p.m. in the Vulcan Garage, off Third Street near the campus entrance. Flat-rate parking is available from 3 p.m. Oct. 23 to 11:30 p.m. Oct. 25 in the pay-by-license metered lots behind the Natali Student Center (Lot 17) and Gallagher Hall (Lot 11). On Oct. 24, Homecoming

Day, Lot 21 will be closed so family activities can be held. Lot 11 will be used for Homecoming Court and parade vehicles. Lot 2 will be open to permit holders and those attending the President's Circle brunch.

Beginning at 7 a.m. Oct. 24, Third Street will be closed on campus, and Hickory Street will be closed from Sixth to Third streets to accommodate the parade. Campus road closures continue throughout the day. Motorists can access Lot 4 (the River Lot) via Green Street and Second Street.

In California Borough, no parking is permitted from 9 a.m.-2 p.m. Oct. 24 on Second Street (200 to

500 blocks), Third Street (200 and 400 blocks) and Union Street (200 block).

Borough police will ticket vehicles parked along the parade route beginning at 9 a.m. After 10 a.m., vehicles parked along the route will be towed.

Vulcan Flyer shuttles will operate as usual until 11:30 a.m. Oct. 24. Service will resume immediately after the Homecoming Parade, when the shuttle stops at Booker Towers to take football fans to Adamson Stadium.

Shuttle service between Roadman Park and the main campus continues until 11 p.m. Oct. 24.



Reaccredited

Dr. Joseph Schickel (right), chair of the Department of Applied Engineering and Technology, accepts a plaque from Dr. Thomas P. Bell, president of the Accrediting Council for Collegiate Graphic Communications Inc. The ACCCG recently awarded a four-year reaccreditation to Cal U's Graphic and Multimedia Technology program. Cal U's program is just one of 13 in the nation to be accredited by the ACCCG, an independent body of education and industry professionals promoting excellence in graphics communication. Bell led the site-visit team that evaluated Cal U's program. Other faculty involved in the reaccreditation effort were Susan Urbino, Aleksandra Prokic and Dr. Mark Bronkowski.

Speakers Mark LGBT History Month

Cal U continues its celebration of LGBT History Month with presentations by two guest speakers.

The Lambda Bridges LGBTQA Programs Office will sponsor the talks on Oct. 20 and Oct. 26 at 11 a.m. (common hour) in the Vulcan Theatre.

Ted Martin, of Equality Pennsylvania, will speak on Oct. 20. The executive director of the state's lesbian, gay, bisexual and transgender (LGBT) political advocacy organization will discuss the impact of Supreme Court rulings on the LGBTQA community.

Jewelle Gomez, who speaks on Oct. 26, is a writer and artist whose books have twice won the Lambda Literary Award.

For the past several years Lambda Bridges and the Rainbow Alliance have sponsored several smaller events in recognition of LGBT History Month, said Sheleta Webb, director of LGBTQA Initiatives and Commuter and Non-Traditional Student Services.

"But with the monumental Supreme



Ted Martin



Jewelle Gomez

Court decisions of 2013 and 2015, I wanted to invite some prominent LGBTQA people to campus to share their stories, experiences, knowledge and talents with our campus community."

"The Office of Student Affairs has supported the events," said Webb, who also thanked Cal U alumna and benefactor Janis Zivic '64 for her guidance and generosity.

"Recognizing LGBT History month is important for our University," she added.

Profiles of the speakers are online at www.calu.edu. The campus community is encouraged to attend the free programs.



Cal U's Dr. David Argent discusses what fish can tell biologists about the effects of industrial pollution and climate change on the region's rivers and streams during the Sept. 25 Northern Appalachian Network Conference.

NAN Conference Looks at Water

A conference presented by the Northern Appalachian Network took an in-depth look at the region's water, in particular the Monongahela River's past, present and future impact on the region.

More than 200 students, faculty and community members attended "Just Around the River's Bend," held Sept. 25 in the Convocation Center. Conference speakers and representatives of community organizations explored water's role in industrialization, the region's environment, recreation and tourism, and the area's boatbuilding history.

Dr. David Argent, of the Department of Biological and Environmental Sciences, and emeritus professor Dr. William Kimmel presented the keynote address, "What Fish Have to Tell Us About Appalachia."

For more than a decade the two have collaborated on research examining southwestern Pennsylvania waters. Their presentation looked at the effects of industrial pollution and climate change on the region's rivers and streams.

"The transportation of good and services, such as timber, along with coal and other mining, changes the way the river flows ... and fish react to these changes," Argent said. "The fish tell researchers what's happening in the water."

Kimmel presented case studies of 10 Mile Creek, Dunkard Creek and Laurel Hill Creek. Both biologists touched on how the Clean Water Act of 1972 and Clean Air Act Amendments of 1990 improved water quality.

However, Kimmel cautioned, "With the long history of untreated discharges from abandoned mining shafts, along

with the region's burgeoning oil and natural gas industries, we could lose this nice recovery."

The Northern Appalachian Network is a multidisciplinary network of scholars, artists and residents that turns a spotlight on this often neglected part of Appalachia. The region includes communities across Pennsylvania, southern New York, northern West Virginia, northwestern Maryland and northeastern Ohio.

Dr. Pamela Twiss, a professor in the Department of Social Work, organized the conference, which included displays by a number of conservation organizations.

"For a couple of years we've wanted to come up with a conference that focused on the water," she said. "This issue is so important to people who care about our region."



Senior Sean Wineland is seeing a variety of career options result from his undergraduate studies in the Upper Peninsula of Michigan.

Grasshopper Research Published

Sean Wineland, a senior environmental studies major, had his undergraduate research published in the July 2015 *Journal of Orthoptera Research*.

His work, conducted in the Upper Peninsula of Michigan in 2014, focused on food-web interactions between spiders and grasshoppers, which are just one species within the Orthoptera order of insects.

"My results supported my question," Wineland said. "They were statistically significant, and my question — Can spiders depress the grasshopper population and have a positive effect on the plant community? — got answered."

In summer 2015, Wineland spent time at the National Bison Range in Montana, researching the relationship between the size and habitat of forests and the types of birds found in them.

The results may be useful to the U.S. Fish and Wildlife Service, which manages the range, Wineland said.

Dr. David Argent, a professor in the Department of Biological and Environmental Sciences, said there are many benefits to these kinds of undergraduate research experiences.

"It allows students to apply what they have learned. They are able to work through the process of designing an experiment, collecting data, analyzing results and sharing with the scientific community through peer review."

"We offer training that prepares students to compete well with applicants from larger schools."

Added Wineland: "These opportunities exposed me to a variety of career options. I think I am definitely interested in going into some type of research."

"It also provided me with networking opportunities, and it was good to get different perspectives from researchers at other schools."

Merit Awards Nods Sought

Nominations close Oct. 21 for the 2016 Presidential Distinguished Merit Awards.

Any member of the Cal U community — students, faculty, staff and alumni — may nominate a tenured faculty member who has demonstrated excellence in teaching, research or service. Self-nominations are permitted.

Recipients of the awards (formerly known as the Presidential Faculty Gala Awards) will be recognized at the 2016 Honors Convocation. Each recipient will be presented with a medallion, a check for \$1,000 and a \$1,000 scholarship for a student within the recipient's department.

Nominations will be accepted by e-mail only. Each nomination must include the name of the nominee, the category of nomination (teaching, research or service) and the name of the person making the nomination. Support materials from nominees are due by 4 p.m. Nov. 4.

Send nominations to the Presidential Distinguished Merit Awards Committee chair, Dr. Cassandra Kuba, at kuba@calu.edu.



Hazard Plan in Place

Cal U's plan for responding to natural or manmade disasters has been approved by state and federal emergency management agencies and officially adopted by the University.

The updated Cal U Hazard Mitigation Plan will be the blueprint for reducing or eliminating long-term property damage and saving lives should a natural or manmade disaster affect the University community.

The plan was developed in consultation with Michael Baker International. It prepares Cal U to respond more effectively to events such as severe weather, flooding or an infectious disease outbreak on campus.

For more information, visit the Cal U website, www.calu.edu, or www.caluhmp.com.

Intern Puts Technology Skills into Practice

Senior Matt Thoreson can't discuss all the details of his internship at the Manitowoc company's operation in Shady Grove, Pa.

His project there is ongoing, and although he's taking a full slate of on-campus classes this semester, he continues to work part time as an electrical and controls engineer for Manitowoc, which manufactures industrial cranes.

But Thoreson is happy to talk about the way the company treated him, and how much he gained from his summer experience.

"Students and professors often talk about companies that make interns sign all these nondisclosure agreements and then give them the boring 'go-fer' work," Thoreson said.

"That was not the case at all with Manitowoc. We went through the orientation, and I was immediately put on a project. I had the same cubicle and tools as a regular employee, and within the first week I was put in charge of the project."

Thoreson expects to graduate in December with degrees in robotics engineering technology and electrical engineering technology. He transferred to Cal U's 2+2 program at the suggestion of alumnus Raymond A. Setaro '04, his STEM applications teacher at Chambersburg Career Magnet School.

"After getting my gen ed courses (at Shippensburg University), I needed the hands-on experience, so I came to Cal U," Thoreson said.

Compared to engineering programs that are heavily weighted toward math, the University's engineering technology programs provide plenty of real-world learning.

As Thoreson puts it, "We go into the lab and build the circuits ... so we get to see and practice everything."

"Several faculty members have been commenting about Matt and his strengths in engineering and



Senior Matt Thoreson's summer internship has blossomed into continued employment as an electrical and controls engineer for Manitowoc, which manufactures industrial cranes.

technology," said Dr. Joseph Schickel, chair of the Applied Engineering and Technology Department.

That combination of academic skills and hands-on experience, coupled with his self-described "freight-train personality," positioned the intern well.

"The project I managed ended up being implemented on million-dollar machines that I personally operated and tested," Thoreson said. "You think taking a test is stressful? Try driving something worth \$1.2 million that's the size of two tractor-trailers."

The president of Manitowoc Cranes flew in from

corporate headquarters to see the intern's project presentation. During the last week of his internship, Thoreson held conferences with the company's entire executive staff.

Now in his final semester at Cal U, Thoreson is serving as a mechanics lab assistant and contemplating a possible return to Manitowoc.

"Hopefully some sort of internship relationship can be created there so other Cal U students can get this great experience," he said. "I am just thankful that my internship has led to such prosperity and success."



Cal U's School of Graduate Studies and Research will highlight the career opportunities and financing options for students at an open house Oct. 21 at the Kara Alumni House.

Grad School Holds Open House Oct. 21

A graduate degree may be the ticket to a better job, a bigger paycheck or a leadership position in your chosen field — and earning a degree can be affordable in terms of both time and money.

That's the message Cal U is delivering when the School of Graduate Studies and Research holds an open house from 6-8 p.m. Oct. 21 at the Kara Alumni House.

The program will highlight the University's traditional master's degree programs and degree and certificate programs offered through

Cal U Global Online, which gives students the flexibility to complete their studies 100 percent online.

Visitors also will learn how graduate assistantships, scholarships and financial aid can reduce the cost of earning an advanced degree.

Counselors will be available to discuss career and financing options.

Visit www.calu.edu/grad to find links to online registration, directions, and a complete list of academic programs and accreditations, or register by contacting Nikki Popielarcheck at 724-938-5490 or popielarcheck@calu.edu.

Stars, Superheroes Here for Homecoming

— Continued from page 1

Pre-parade activities begin at 10 a.m. Oct. 24 on the main campus, where inflatables with a superheroes theme will add to the family-friendly fun. Balloon art and a petting zoo are planned, along with tables organized by various University clubs and organizations.

At 11 a.m., the Alumni Relations Office holds a "Picnic on the Patio" at the Kara Alumni House. Graduates and their guests are invited to enjoy picnic fare and socialize with friends and former classmates.

The annual Homecoming Parade begins at noon. The lineup of bands, floats and marchers will step off from the Convocation Center courtyard and travel down Third Street. Marchers will turn right at Union Street and return to campus on Second Street.

The march will include the Vulcan

women's basketball team, winners of the 2015 NCAA National Championship.

A Vulcan Huddle tailgate party begins at 1:30 p.m. at Roadman Park, near the pavilions outside Adamson Stadium.

At 3 p.m. the Cal U football team hosts Clarion University in Adamson Stadium. The Cal U Marching Band will perform at halftime, when winners of the Homecoming Parade float competition will be announced and the Homecoming King and Queen will be crowned.

Other events

A variety of student-focused events are scheduled during Homecoming week, including a cash bingo, Cal U Hockey Night at Rostraver Ice Garden and a special Underground Cafe.

For a complete schedule, visit the Cal U homepage, www.calu.edu.

Charity Appeal Continues

Through Oct. 30, members of the campus community can show they care by participating in the annual SECA/United Way campaign.

This year's theme, "Dream Big," encourages employees to make a big difference for those who are less fortunate. For example, \$1 per pay would provide seven days' worth of groceries for a family experiencing food insecurity.

SECA, the State Employees Combined Appeal, supports a number of local, regional, national and international charities. Contributions help families and individuals in need of shelter, medical care, food, job training and other services.

This year's goal for Cal U's campaign is \$22,453, with at least 60 donors participating. Overall, the 14 PASSHE universities hope to raise nearly \$350,000. For more information, contact SECA on-campus co-chairs Doug Hoover and Dana Turcic at hoover@calu.edu or turcic@calu.edu.

Carter Awardee 'Making a Difference'

During the Sept. 19 Family Day festivities, alumna Shanita Carmichael '08 received the 2015 Jennie Carter Leadership Award during a ceremony in the Convocation Center courtyard.

The award is named for Elizabeth "Jennie" Adams Carter, Class of 1881, the University's first African-American graduate.

Participating in the award presentation were interim University President Geraldine M. Jones; William Carter, the great-grandson of Jennie Carter; and Shelela Webb, director of Multicultural Affairs, University LGBTQA Initiatives, and Commuter and Non-Traditional Student Services.

Carmichael is a production engineer at FPG Industries and an online instructor for Southern New Hampshire University. With her mother and siblings, she is the co-founder of Our Youth Our Future, a nonprofit organization for children in Philadelphia.

"I'm at a loss for words," said Carmichael, who has earned a certificate in nanotechnology and a master's degree in engineering management since graduating from Cal U.

"By her character and actions, Jennie Carter's life was the definition of a superhero. I know I am not there yet, but this award confirms for me that I'm on the right path. I'm extremely honored."

Carter said the University's



commitment to diversity goes back 135 years, and he described his great-grandmother as a "role model of giving back."

"When you look back at things, you will always find one or two people that make it happen. Shanita Carmichael is that type of person," he said. "Like my

great-grandmother, she is making a difference through responsive leadership and service to her community."

President Jones reflected on Jennie Carter's legacy in remarks at a luncheon following the ceremony.

"Strong and courageous, Jennie was a true example of our University's core

values of integrity, civility and responsibility – and she exemplified those timeless values in a life devoted to teaching, guiding and inspiring others," she said.

"This year's award recipient certainly strives to make this world a better place and lives the example Jennie set."

Family Day Visitors Come from Near, Far

Family members traveled hundreds of miles — or just took a short trip down the road — to spend Family Day on campus.

Nearly 750 parents, grandparents, siblings and other family members registered to attend the annual event, which featured a jam-packed slate of activities.

Carla Morrow, who lives in McClellandtown, Pa., listened to an outdoor performance by the University Choir with her son Charles, a sophomore commuter student.

"We came down just to do fun stuff," said Morrow, who brought Charles' younger siblings, Carl and Sarah, along for the ride.

"It's a gorgeous day, and we like the campus."

The Morrows also visited the Family Field Day at Frick Hall.

Presented by Cal U's students chapter of The Wildlife Society, this interactive event included a live reptile

and amphibian show, an archery demonstration, a display of animal tracks, and information about bluebird box construction.

Elwood Taliaferro came from Shackelford, Va., to visit his grandson, Dylan, a freshman mechatronics major who lives in Guesman Hall.

"The choir is great, the people are nice, and the place is beautiful," Taliaferro said. "We are happy with how things have worked out here for Dylan."

The Taliaferros then visited Roadman Park, where the Vulcan football team opened its home season with a 34-26 win over PSAC-East rival Shippensburg at Adamson Stadium.

For alumni who graduated 50 years ago, Family Day concluded with the Pioneer Dinner in the Kara Alumni House.

Nearly 60 people attended the event, including more than 30 members of the Class of 1965.



Elwood Taliaferro and his grandson, Cal U freshman Dylan Taliaferro, enjoy the Family Day festivities.

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Geraldine M. Jones
Interim University President

Dr. Bruce Barnhart
Acting Provost/Vice President for Academic Affairs

Office of Communications and Public Relations

Robert Thorn
Vice President for Administration and Finance

Dr. Nancy Pinardi
Interim Vice President for Student Affairs

250 University Avenue

Christine Kindl
Editor

Bruce Wald, Wendy Mackall, Jeff Bender
Writers

724-938-4195 wald@cuh.edu

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