Faculty input urged on sr. VC for research

Some Pitt staffers spend their days surrounded by lakes and forests. See pages 3 & 4.

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Senate President Frank Wilson urged faculty to ask questions and offer their input as the University searches for a senior vice chancellor for research.

“The newly created position would return some research-related functions that recently moved to the Provost’s area to the Chancellor’s area,” Wilson told Faculty Assembly this week.

“There was a lot of discussion between the Senate officers and the administration over the summer” about the new position, Wilson said.

He urged faculty to attend one of a series of open meetings in which senior administrators are to explain the new position and answer questions about its implications.

“it will be explained as a hybrid kind of position, not exactly an academic position but absolutely connected,” he said.

Dates have not been announced but Wilson said sessions are to be scheduled on the upper and lower campuses in Pittsburgh; he said one session is to be simultaneous to the regional campuses.

No additional details were available from the University administration prior to the University Times’ Wednesday publication deadline.

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N. John Cooper, dean of the Dietrich School of Arts and Sciences, has been named to head the search committee.

Senate past president Michael Wilson said Assembly members agreed to the Staff Association recommendation at last month’s meeting.

To begin soliciting feedback on the draft policy, Woodward said she planned to invite a representative of the Staff Association, diversity and inclusion, will attend, Wilson said.

When that is complete, the draft policy will move to the provost and chancellor. “If they have no major issues, then it’s ready for the faculty review process,” she said.

She acknowledged that the policy review is “a kind of grind” but that the draft policy could be on the Senate research committee’s Oct. 7 agenda.

A provost’s committee headed by Vice Provost for Research Mark Redfern (www.policyreview. times) has been working for more than a year to revise University policy, she said.

Woodward invited the research committee to review changes to the University’s policy for academic and research visitors. A draft policy contains information for non-student visitors to campus as well as for faculty and staff.

It includes FAQs for faculty and staff and contains draft agreements and procedures for academic and research visitors to the University.

Woodward said she planned to begin soliciting feedback on the new processes this week in order to incorporate input into a final version. She said the visitor agreement committee expects to allow about 10 days for comments then will revise the draft based on the feedback that’s received.

Revisions to the visitors’ agreements have been in the works in an attempt to streamline and simplify visitor processes. While the agreements will be paper-based initially, the long goal is to move to an electronic workflow, Woodward added.

A project is in the works to streamline and reduce administrative burdens for faculty who do research, Woodward said. An electronic system that will allow the Office of Research to go paperless is in process. The multi-phase project is expected to take 18-24 months, Woodward said.

The goal is to allow principal investigators to focus on their research, science rather than paperwork, she said, adding that input from users is being solicited.

Kelly K. Barlow

Revised IP/copyright policy being readied

The University has honored 13 faculty members with distinguished professorships.

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Thomas E. Starzl was appointed Distinguished University Professor of Surgery in the School of Medicine.

The designation recognizes eminence in several fields of study, transcending accomplishments in contributions to a single discipline. National and, where appropriate, international recognition in at least one field is required.

Prior to the appointment, Starzl held the rank of Distinctive Service Professor.

Robert M. Arnold, chair of patient care in the Department of Medicine; Gerald Holder, dean of the Swanson School of Engineering; and Steven Reis, associate vice chancellor for clinical research, Health Sciences, director of the University of Pittsburgh Clinical and Translational Institute and professor of medicine and emergency medicine, all were appointed Distinguished Service Professor.

The designation recognizes distinctive contributions and outstanding service to the University community in support of its multifaceted teaching/research/service mission, as well as performance excellence in the faculty member’s department or school and national stature in his or her discipline or field.

Nine faculty members were appointed Distinguished Professor: Tia-Lynn Ashman, Department of Biological Sciences in the Dietrich School of Arts and Sciences; Jane Casley, Department of Epidemiology in the Graduate School of Public Health; Vivian Garran, School of Law; John Jakicic, Department of Health and Physical Activity; and Charles F. Reynolds, Department of Psychiatry in the medical school; Daniel Shaw, Department of Psychology in the dietrick school; and Jennifer Whiting, Department of Philosophy in the Dietrich school.

The Distinguished Professor designation honors extraordinary internationally recognized scholarship attainable in an individual discipline or field. By nature of their appointment, distinguished professors are expected to make special contributions to the intellectual advancement of their home departments and schools as well as to the institution as a whole.

The newly created position is expected to be in place by spring of next year.

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In other business at its Sept. 9 meeting:

• The research committee approved the Staff Association Council’s request to appoint an additional non-voting staff representative to the research committee. Currently, one SAC representative sits on each Senate committee.

• The committee agreed to invite a representative of the Office of the Provost to discuss the administration’s desire to establish the position of senior vice chancellor for research, and the anticipated search process.

—Kimberly K. Barlow
Pitt's changing times

We should remember that change is a constant, but its type, speed and strength are all variable. Before Chancellor Gallagher’s arrival, organizational change had been occurring at Pitt; key people left and new people filled those roles. Established programs were ended or significantly modified; new programs were initiated. That change process was not overly dramatic, nor did it take place at lightning speed. It was, rather, deliberate and steady, only producing dramatic results over time.

During the last few years the nature and pace of change at Pitt have deepened and accelerated. We grew from being a long-established American institution of higher learning to be recognized as a world-class university. Chancellor Gallagher has been challenging us to demonstrate why we can and how we can serve as an example of an organization not willing to rest on its laurels. He is also making it clear that we continue moving forward at a faster pace than to which we have accustomed.

Many of us have welcomed this approach, believing that it opens the doors of opportunity and innovation. Others are unconvinced that this change of leadership and wonder why things that seemed to work well before need to be modified. New key leadership positions have been, and are, created. Many of the people filling those positions, whether moving up from Pitt’s ranks or coming in from the outside, have felt empowered as change agents. As they quickly move through their learning curves, they recognize that the primary context of their initiatives and actions is the implementation phase of the Plan for Pitt, the product of a thoughtful and substantive strategic planning process.

This emergent process of change has not been without its tensions, setbacks and roadblocks. A seamless transition in a complex organization undergirding significant cultural change like Pitt, situated as we are in uncertain national and global environments, would more likely be the exception than the rule. We should only be worried if this discomfort does not lessen as we carry out our work, or if that discomfort begins to slip into individual and collective demoralization.

I believe that the University Senate can, and should, play important roles in both enabling the positive aspects of our current change process and as a mitigating force at the points of friction. It is an official structure of shared governance, and I think the record is clear that the Senate leadership increasingly has sought to expand that responsibility, however advisory-only its role is explicitly defined. Prior to my taking office last year, the Senate already had acted as an important catalyst in Pitt’s strategic planning process, strengthening the collegial work between faculty, staff and student members of our communities and our stakeholders. We faced our differences and controversies professionally and in good faith.

Our efforts over the past year have continued along those lines, with some success. The current year of Diversity, Equity and Inclusion, came about in large part as a call to action by Chancellor Gallagher, followed by the work and recommendations of a special Senate Council diversity and inclusion group. Another example: At one of its longest and most substantive meetings, Faculty Assembly debated and approved important University policy and procedures changes with respect to sexual misconduct. I believe our efforts have elevated the level of trust and cooperation between Pitt’s permanent governance groups and elsewhere.

Some of the items on our agenda for this year are:
- Continuing to establish new understandings and organizational policies and practices concerning research. We have awaited recommendations from the Office of Research, examining questions of intellectual property rights such as copyrights, patents and conflict of interest soon will be announced. Simultaneously, the role of community members and potential concerns about advice from the committee and the community relations committee will focus on how such work should be appropriately supported, evaluated and rewarded.
- Discussing and voting on new policy recommendations regarding consensual sexual, romantic and intimate relationships with students and between employees.
- Considering all aspects of faculty evaluation. Both an ad hoc Senate committee focusing on evaluation and a new standing committee on tenure and academic freedom have confronted the issue of salary reductions and are working with the Provost’s office to establish University-wide policy guidelines for implementing and appealing those kinds of decisions. Our educational policies committee previously addressed questions about student evaluations of teaching, and a working group including members of that committee and the Senate computer usage committee has expanded that investigation. A new initiative, addressing the University’s current and possible future use of various metrics for evaluating faculty productivity, also will begin.
- Acting on the final report of the ad hoc committee on non-tenure-stream faculty issues, currently focused on part-time faculty.
- Discussing an institutional statement regarding diversity, inclusion and core values, as it is developed by a special Senate committee.
- Convening a special committee to investigate the question of fossil fuel divestment by Pitt.

I should mention that this column is appearing in the first University Times that will be available in a digital-only format. The Senate officers are aware that there will be some sadness, and maybe opposition, resulting from the decision to go paperless. We think that this “Faculty and Staff Newspaper” serves a purpose and that by preserving it, we also preserve Pitt’s history and traditions. I should have added, however, that we are excited to see how our digital-only format will work and are committed to a strong, continuing Senate presence in University Times.

My hope, however, is that Vice Chancellor of Communications Susan Rogers, Times editor Nancy Brown and Senate Vice President Robin Kear, working together, will succeed in expanding both the substance of the paper and increasing the size of the audience.

Frank Wilson is president of the University Senate and a faculty member at Pitt-Greensburg.

Telling the story of your research

Welcome to the inaugural “Library Insider” column. Here, experts from Pitt’s librarians will discuss issues impacting the research endeavors of Pitt faculty and staff, highlighting ways we can partner with you to support your efforts, maximize your impact and save you time.

As a researcher, you’re probably familiar with the h-index, which is a measure of the impact of your research. It is calculated on the number of times your papers have been cited. While the h-index continues to be a very important metric, it tells only part of the story of the impact of your research, and it’s a lagging index, since amassing citations to your papers can take years. This index exists in a context where activities aimed at promoting your research are increasingly important. In addition, institutional research and data offices are more and more interested in being able to tell stories around the research happening in their labs and on their campuses, stories that go beyond the publication and research metrics, often called altmetrics.

Altmetrics let us measure and track various aspects of scholarship and research through online interactions. Altmetrics aren’t meant to replace traditional metrics like h-index, but rather are meant to complement them to help paint a fuller picture.

Altmetrics can answer questions such as:
- How many times was my article (or presentation) downloaded?
- Who is reading my work (on Facebook, Twitter, etc.)?
- How many of my followers are researchers and other people involved in your field?
- Who is linking to your work (via links on blog posts, websites, etc.)?
- How many people are talking about your work (via comments, tweets, etc.)?
- What are the most popular words and phrases associated with your work?

What can altmetrics do for you? They can help you tell the impact of your work beyond traditional journal-level metrics. You can see how your work is being picked up by the research base, followed by researchers, policymakers or high school students, are engaging with your work.

• Show your department, university, funders and others the reach of your research.
• Manage your reputation by showing what’s been said online about your work.
• Compare your work to the work of others at your institution or field.

How do altmetrics work? Altmetric tools aggregate and analyze “data exhaust” around a particular piece of research. The particular artifact involved can be a scholarly output, like a paper, blog post, podcast, presentation, etc., or any online content or citations. What belongs in each of these categories? Phone books, downloads, views, library holdings, videos, plays, books, blog posts, social media, etc. There are many more.

Altmetrics are meant to complement traditional metrics, not replace them. These tools are meant to tell a more compelling story of your impact. In the end, they help you communicate the unique contributions you make to the world, the impact of your research, and the value of your contributions.

Pitt’s librarians have expertise in both traditional metrics and altmetrics. Using these tools, we can work with you to:
- Create guidelines for your publications and other research outputs.
- Perform article citation analysis.
- Identify appropriate base lines for your research.
- Learn your h-index.
- Find the impact of journals, conferences, collaborators for your next project.
- Follow the newest research trends in your field.
- Track the social impact of your research.
- There are many tools, free and subscription, that measure both traditional and alternative metrics around research.

To learn more, check out the altmetrics guides by the University Library System (http://pitt.libguides.com/altmetrics/index) and the Health Sciences Library System (http://hsllibguides.bc.edu/altmetrics)

As altmetrics become ready, willing and able to help you tell the story of the impact of your research.

*jeff winarick is web services and communications librarian for the University Library System.*
Pitt's sprawling PLE facility in tiny Linesville, a two-hour drive north of the Pittsburgh campus, is “bursting at the seams,” he said, with 160 college students in its dorms each summer for a dozen classes; K-12 students attending PLE environmental programs from surrounding school districts the rest of the year; and faculty researchers from across the country spending decades conducting seasonal environmental studies from its cabins.

But Davis still understands the importance of taking pictures of PLE in action to let prospective students know what this Pitt facility is all about. He often will accompany classes to photograph students setting turtle traps in the swamp, doing bag counts and other work of fellow limnologists — people who study inland waterways.

PLE was founded as a Pitt biological field station at Presque Isle on Lake Erie in 1926, and is administered by the Department of Biological Sciences in the Dietrich School of Arts and Sciences. In 1949, PLE was moved to Pymatuning State Park. Today the central PLE site, called Sanctuary Lake for its state-protected waters, houses the main lab buildings, as well as classrooms and administrative and maintenance offices.

Across this end of the lake, on more state land, is PLE’s housing site, begun in the 1960s, with dorms for 60 students and a half-dozen cabins for the PLE director and visiting university researchers.

Further down the road that crosses the lake’s spillway — where tourists famously throw bread to the carp and ducks, a practice Davis deplores as ruinous to the lake’s biology in that area — is PLES Donald S. Wood Field Lab. Its 134 acres, where much of the facility’s aquatic research is done, were added in 2000. There are other multi-acre parcels at PLE with woods and wetlands used as additional study sites.

Keeping PLE running means that Davis’ job ranges across the entire PLE grounds. On one day late this summer, for instance, he stood outside the administrative building making sure a half-dozen local university students successfully dropped their chest waders for their Field Techniques in Ecology and Conservation class. This class was being taught by an Indiana University of Pennsylvania professor, Pitt has an agreement that invites many local universities to conduct classes at PLE, in effect creating new class offerings for Pitt students at the same time.

These Field Techniques students had used that morning to pitch their research proposals; now they were headed to PLE beaver ponds, noting dissolved oxygen meters, pH meters and nets to collect organisms, hoping to see what habitat the beavers were creating. Other classes this summer covered field entomology, the ecology of fungi, wild-life management and behavioral ecology.

Davis’ office is an extension of the PLE stock room, where shelves full of class equipment: everything from pipettes and beakers to trail cameras that can take photos remotely from the trees, and audio recorders for a frog-call project Davis is helping to develop for PLE’s school-year programs.

Davis, who joined PLE in 2013, handles everything from using the University’s purchasing system to getting researchers' tools. He also can help them locate the best wetland or forest spot for their purpose, since he is an aquatic ecologist by trade.

Another key staff member making the many facets of PLE function is facilities manager Nick Mihailoff III, who has held this post since 1999. Mihailoff handles all PLE repairs and refurbishments with his two-man facilities and maintenance crew. Earlier this summer he and his team managed, just before the start of classes, to renovate the two 30-person dorms: They reconfigured the shower to create changing spaces in front, and modified eight-person rooms into cozier four-person spaces.

Mihailoff also is kept busy maintaining the Woods Lab site, mowing its fields every three or so years so they are maintained in an early stage of growth. In one of those fields is a greenhouse-like metal frame, used recently to house a butterfly study. Mihailoff and Davis recalled ordering mesh to put over the structure, at the researcher’s behest, then finding every insect had folded its wings and made it through the tiny holes the morning after they were placed inside.

“Things like that happen at field stations everywhere,” Davis said.

Here and throughout the PLE site, Mihailoff is responsible for rototilling the land for plantings, plowing snow to maintain access to the site and delivering equipment to experiment locations, including loads of lumber.

PLE has its own well and small-
flow sewer treatment plant, which has forced Mihailoff to get state licensures as a sewer operator. Soon he will be a licensed pesticide applicator as well, as part of his grounds maintenance duties.

Mihailoff recalled the state of PLE when he interviewed for his job. Laboratory 13, for instance, is today a small but modern lab clad in wood siding that recently housed a wasp experiment by a Pitt graduate student. This experiment, now moved outdoors, is testing the influence of insect personalities — aggression or cooperation, for instance — on the health and evolution of their colonies.

When Mihailoff first saw Lab 13, it was scheduled to be remodeled. Considering its condition on first sight, he said, “I thought the best thing to do with this building would be to bulldoze it down.” Instead, his first job was to renovate it “on a shoestring.” To control costs, PLE often uses surplus equipment from Pitt campuses, he said.

Even Laboratory 12 next door, completed two years ago with a National Science Foundation (NSF) grant, was built with castoff lab tables from the Titusville campus and cabinetry from Oakland. This molecular/microbial lab is much larger than Lab 13, at 3,600 square feet. Joined to two older labs, it houses machinery used by PLE director Cori Richards-Zawacki to detect fungal pathogens in frogs, plus other ultra-modern research equipment. The older laboratories down the hall have isolation chambers and other equipment to conduct studies with birds and smaller invertebrates.

PLE’s original lab, built for botany in 1954, also has been renovated by Mihailoff and his crew. Called the Lakeside Lab, it sits at Pymatuning Lake and has been refitted as the classroom for initial class sessions during each four-week summer class. Specimen jars, once relegated to the basement, now sit on shelves at the front of the class, filled with fish, snakes and frogs. In one, dated Aug. 26, 1955, float small striped fish identified only by their scientific name in an almost readable scrawl; another dates back to 1948.

In the basement are three new large growth chambers for creating controlled environments to evaluate how plants react to specific atmospheric changes such as light, temperature, CO₂ levels or humidity.

In 2012, Mihailoff oversaw the remodeling of PLE’s kitchen, which now shines with silver cookware, and its dining hall, which hosts seminars when not in use by summer students and visiting professors.

Davis oversees and Mihailoff helps maintain such large-scale PLE projects as a five-university national experiment on the effect of climate change on frogs, as harbinger species signaling potentially wider impacts of global warming.

At the Woods Lab site, 20 or so cattle tanks filled with pond water sit beside a barn-like lab building. Inside the tanks swim about 400 leopard frog tadpoles, their environments being made to dry at varying levels to simulate the effects of climate change on habitats. Inside the lab, the mature frogs are tested by a Pitt PhD student and a postdoc, as well as students from other universities who work with PLE faculty, to determine the frogs’ amino acid levels. These researchers hope to gauge the frogs’ immunity to disease after living in various conditions.

When another set of students returned from their class expedition carrying turtle nets, Davis noticed that one student was soaked, despite his size 13 chest waders — it must have developed a hole.

“Guess what, Nick, we’re down to zero 13s,” Davis called, tossing the damaged equipment aside. Time to reorder.

Recent student surveys, Davis said, show that PLE’s efforts at publicizing its capabilities and recent renovations have paid off in heightened student satisfaction rates and increased interest in PLE programs. The pair hopes PLE soon will be able to build a third dormitory.

“The first, biggest complaint from the students is that the Internet stinks here, because we are out in the sticks,” Davis said. PLE is applying for an NSF grant to rectify that condition as well.

“What are the next things people want to have improved and we’ll work on it.”

“We like to call ourselves Team PLE,” Mihailoff said, “and it’s a pretty good team, I think.”

— Marty Levine
“Race is probably one of the most difficult things to talk about,” sociology department faculty member Marty Levine told the forum, “Black, White & Blue: Addressing Race and Police Shootings in the Classroom, sponsored last month by the Center for Urban Education (CUE).”

There is “trauma and emotional labor with witnessing personal trauma, racial and gender violence,” said Levine, “they told the capacity crowd of 100 in Posvar Hall that people with police shootings of black people drawing social media attention.

Today, I had a hard time, and I hate to say this, at this institution to have this conversation,” Duck added. “For four members of color, I think there is this expectation that you will have these conversations, you will teach these courses. I don’t mind … but how do you have these conversations?”

The forum focused on how instructors in higher education can have these conversations about tough issues such as race, class, and their interaction with law enforcement. “I want them, more broadly with how you need to understand the history of race and class in America and the history of policing in poor, majority-black neighborhoods.”

The panel members were:
- Linda DeAngelo, CUE faculty fellow and higher education faculty member in the School of Education’s Department of Administrative and Policy Studies;
- Eric Holmes, police officer and Community College of Allegheny County’s social studies faculty member in the School of Education’s Department of Social Science, Justice, and Learning; and
- Gerald Dickson, who is in his first semester as a faculty member in Pitt’s School of Law and formerly was a law clerk in the U.S. Court of Appeals for the Third Circuit.

Moderator Ashley Woodson, social studies faculty member in the School of Education’s Department of Social Science, Justice, and Learning and a CUE member, said the need to say “Black lives matter” and the #MeToo movement has been a recurring theme since the founding of America. Woodson said the Penguin newspaper and pamphlet campaigns against Lynchings begin with the Scottsboro Boys and Billie Holiday’s recording of “Strange Fruit” in 1939.

- DeAngelo, the only white panelist, arrived here in 2012 from Los Angeles. Although that city did not seem as diverse as it appears from the outside, she said, “I can’t imagine what it’s like to not be white.”

Looking at what is in a young person’s white space was until I moved to Pittsburgh,” encountered Pitt classmates and faculty members and tried to communicate about topics in her research, which, as her website details, “focus on the differential effect of institutions on students … outcomes for first-generation, low-income and underrepresented students and learning and change in diverse environments.”

“How do I engage in this work? I am committed to expanding social justice,” she said, especially when teaching students who intend to have careers in higher education. “I found that students in particular have no experience at all” with imagining others’ lives in depth, particularly those of other races.

She added: “I had to reinvent myself a little. I really had to deal with whiteness in a new way … What is whiteness? What does it mean to be white?”

When black people die at the hands of law enforcement — on the street, in police vehicles, in jail — she recommends a straightforward approach to class discussions: “I just come right out here and say, ‘These things are happening, let’s talk about it.’”

She has “learned to work with and use my colleagues, to know that I’m not out there alone,” DeAngelo added.

She cautioned, however, that faculty seeking tenure may be reluctant to bring up subjects that are deemed controversial. They may feel that “the best way to get a good evaluation is to keep your mouth shut,” she said.

Rich Milner, CUE director, spoke from the audience when the panel was asked how teachers at all levels of schooling could inject such discussions into their classrooms. Ignoring the issues is not wise, he said, noting the “null curriculum,” idea of a Stanford faculty member Elliot Eisner, who posited that failing to speak in class about conspicuous events in society teaches young people anything: "This is the most powerful part of the curriculum, from my perspective: the null curriculum … from what we don’t teach them” about race, Milner said.

His father, Milner noted, is one of those men who communicates with his kids through his wife, whom he called one day recently. “He said, ‘If you get pulled over by the police, you just do what you are told … Because you’re going to bury me; I’m not going to bury you.’”

If a college professor over

the age of 40 hears such things from a parent, Milner added. “You can imagine the types of conversations kids are having in their homes.”

- Historically, in the past, when an issue occurred, when there were types of violence, we took a suspension approach — no tolerance,” said city police commander Eric Holmes, a 19-year veteran of the Pittsburgh Bureau of Police who started his law enforcement career as a Pitt police officer before an approach was counterproductive, he acknowledged. “We didn’t do what we intended to do. We left a bad taste with young people. It wasn’t good policy.

- I got into policing, believe it or not, because of a negative interaction I had with police,” Holmes reported. After growing up in Penn Hills, he and a friend were working as security officers at Three Rivers Stadium when they were pulled over on Route 28 by suburban police. Holmes and his companion, both African American and still in their security uniforms, found the cop confrontational. It happened during a saturation approach — no tolerance, Holmes explained.

- Afterward, Holmes and his friend debated filing a complaint. “We both decided, don’t ask me why, maybe we could change it by getting into law enforcement.”

Both are police officers today. “In Pittsburgh we recognize that we’re probably one incident away from protests happening here,” Holmes said. Chief Cam- eron McLay is leading the force in piloting a federally-run reformation program to change police practices, Holmes reported.

- Gerald Dickson noted his own journey to understanding race relations, which will culmi- nate with him teaching his first Pitt class this spring: Land, Race and Property Rights. He was a foster child in Allegheny County, with both black siblings and white sib- lings. After law school worked as an attorney first in New York City and then in Johannesburg, South Africa, representing squatters in its shums. He then started a hous- ing-rights legal-representation project at the Pittsburgh-based law firm Reed Smith, mostly for African Americans.

- As a property law scholar, he will focus his course on federal, state and local laws and policies that have created segregated communities in America since the 1920s, from the building of low-income housing projects to urban renewal efforts that created segregated communities with a lack of jobs and consequently burgeoning crime.

Dickson noted that “broken windows policing” — the idea that eliminating all outward signs of blight, including petty street law violations and making targets neighborhoods mostly occupied by low-income blacks. The idea was that it’s of course continuous aggressive policing in those neighborhoods will inevitably create tension between residents and the police.

When black people die following encounters with police, he said, “it is important to take a step back here and assess the facts of the case before jumping into it and taking a side” by reacting on social media, for instance. Then people can respond “in a more civilized manner.”

Given such tensions between city residents and police, it is very hard to step back and take a facts-only approach, one audience member said.”Some of the first facts are that my emotions are so damaged.” It’s hard to just react to the facts when a person is not yet healed from past injustices, she added.

One of the primary responsi- bilities of faculty in such circum- stances is to provide space to discuss how schools and other institutions may not understand what’s around them,” Duck added — even faculty that are part of a recent incident “is not true.” While individuals may not understand historical events, they may have a clear sense of what is going on around them. “Value of the course is that we can see how it is being shaped,” he counseled.

In these communities, every- one is under pressure,” from parents and kids to social workers, an attorney, such as police officer, he added, “there are good actors and bad actors, but local police need most all to build trust and use discretion when acting in poor black neighborhoods.”

Residents, too, need to understand how pervasive are the causes of their suffering. “Perhaps beyond heavy policing, he said: “Law enforcement officers are not social workers, but maybe think of this situation holistically,” and community leaders or other major institutions are contributing to the problems, and the solutions.

Another attendee noted that, in black communities, killings of black people by law enforcement cause great pain, but there also is historical pain: “There hasn’t been an African American com- munity … There has never been a reconciliation or a recognition of history.” Instead, she said, the sentiment she hears outside is “Let’s get past it. We’re in a new century.”

What do we do to create the space here at the University to heal the past and the present? she asked.

Forum moderator Woodson noted that talking about white- ness and race is tough for everyone, is hard: “What does it mean to perform whiteness?” she asked. “We’ve got to stop thinking of whiteness as the norm.”

“Our kids are watching,” said another attendee, who was leading the forum: “They are not waiting for us to have that conversation. They are asking us to do it.”

She encouraged the audience to create moments and circum- stances to allow for frank discus- sions in race of classrooms.

How can Pitt and other institu- tions of higher learning create a faculty who are brave enough to challenge the system?”

Duck asked. He suggested facile use, historical and current government reports on the state of race rela- tions in Pennsylvania, including the Department of Justice report on Ferguson, Missouri, “as a start for discussing police department practices following the killing of Michael Brown.”

He added that faculty ought to “use actual documentation, using tools that explore, when you have a series of similar investigations, what are the problems you have in reducing these problems?”

“You can’t stand on the shoulders of giants,” Dickinson concluded. “I’d like to see all of you and us as faculty and others who can stand on the shoulders of, as they proceed with their careers.”

—Marty Levine
Pitt innovators get free investor help

Faculty input urged on sr. VC for research

Pitt named in Princeton Review's 'best' colleges compilation

CONTINUED FROM PAGE 1

posed policy contains significant changes and potential points of controversy.

Fossil fuels divestment

Wilson said he is securing commitments from the University to serve on a Senate ad hoc committee that will examine the issue of divesting from the fossil fuel industry in the fall. He said the initiative will be led by the Pitt Coalition student group. (See May 12 University Times.)

Wilson said he expected the committee would present a report to the Assembly in early spring.

Research metrics and faculty evaluation

The University Senate’s spring plenary will focus on best practices in research metrics and faculty evaluation, Robin Kear, Senate vice president, announced to the Assembly Tuesday.

“I think it’s a big understatement to say there have been real advances in how we measure the university in the way data and metrics are used in faculty evaluation and tenure. It can only improve moving forward, but we’ve been uneven using different tools and standards — sometimes under- standing what academic units, schools, departments and deans,” she said.

She cited the Leiden Manifesto — a set of 10 principles to guide research evaluation and the use of metrics for funded research, which was published in Nature on April 22, 2015, and a May 2016 faculty council in Bloomington, Indiana, that adopted a policy on responsible use of metrics, based loosely on those principles.

“This is a good chance to get ahead of potential issues related to this topic and work toward best discipline-specific approaches and other potential outcomes involving research metrics,” Kear said.

Tweeting

The Senate now has a Twitter account, @ Pitt Senate, said Kear, who will be monitoring the account.

Global operations support

Ian McLaughlin, global operations support manager at the University Center for International Studies (UCIS), outlined his role as a new central point of contact to aid faculty in working internationally.

Whether faculty are working overseas, participating in international work from here, or are bringing international guests to campus, he said he is working in connecting them with campus resources.

• Travel readiness, including trip registration, emergency services and insurance coverage for faculty and staff traveling overseas on business.

• Computing Services and Systems Development’s technology loaner program.

• International payments, including honoraria to foreign visitors, payments for services abroad and international tax issues.

• Legal issues including export control, shipments of hazardous or restricted materials and permanent establishment issues.

• International research, including cooperative agreements and memorandums of understanding.

McLaughlin said additional services are on the horizon.

“An international agreement data- and documentation system; and an international research and development program course on international processes and protocol, planned for next spring,” he said.

University Times digital transition

Kear, who is representing the Senate officers in meetings with University Times editor Nancy Brown and Vice Chancellor for Communications Susan Rogers as the University Times transitions to a digital-only publication, provided an update to the Assembly.

“We as the officers feel the community and Governmental Relations have not taken the schools in hierarchi- cal order, and I think the Senate is a major reason why this is happening,” she said.

The University’s Innovation Institute is partnering with venture capital firm Draper Triangle Ventures to help get Pitt innovators their innovations may be for venture capital investment.

Thirty-minute consultations are scheduled from 8 a.m. to 4 p.m. on the first scheduled for tomorrow, Sept. 16. Other investor office hours this academic year are set for 1-5 p.m. Oct. 28, Dec. 16, Jan. 27, Feb. 24, March 31, April 28, May 19 and June 19.

Participants will register in advance. For more information or to make an appointment, please visit www.pitt.edu/events — competitions/investor-office-hours.

Pitt innovators were awarded a record-high 80 patents and 13 patent applications based on technologies developed at the University in fiscal year 2016.

License revenue has risen 19 percent to $77.3 million, up from $61.7 million in FY11, and invention disclosures have risen 22 percent, up from 257 in that same timeframe.

Mainstream Ventures, the Innovation Institute’s director, said: “As these results clearly demonstrate, the University’s innovation and entrepreneurship is accelerating at Pitt. The establishment in fiscal year 2016 of the Chancellor’s Innovation Commercialization Funds, which will provide $1 million per year in gap funding for promising startup opportunities, has fueled this increase in both innovation and investment.”

Pitt innovations over two fiscal years, provides a significant boost to our commercialization efforts and will help us carry the positive momentum through the new fiscal year.”

Several Pittsburgh-based universities are adopting the Innovation Institute formed in FY16. They include Oregon, which has an exclusive agreement with Mainstream Ventures to treat glaucoma and macular degeneration; Interface Materi- alsciences, which has licensed its bio- forming compounds licensed from Pitt for preventing the collection of calcium and magnesium in the urine; and SkinJect, which has licensed its technology for treating skin cancer with microneedle patches.

—From staff reports

Lifesaving smartphone app

David Salcido, faculty in emergency medicine and co-director of the University of Pittsburgh Resuscitation Logistics and Infor- matics Venture (PittRELIB), called attention to the PulsePoint smartphone app, which notifies those who know how to do CPR when a cardiac arrest victim nearby.

“The app is integrated with Allegheny County 911 dispatch and automatically sends a signal to nearby users when a cardiac arrest call is received, enabling volunteers to help before EMS arrives,” he said.

The free app is available for download via Google Play and the Apple App Store. More information is available at www.pittrelive.org.

Expanded executive committee to meet

The Senate officers and chairs of the 14 academic councils will meet Oct. 17 in an expanded executive committee session. Wilson said he hopes invitee leaders will make connections regarding issues that are of interest to multiple Senate committees.

“It’s the perfect opportunity to form special working groups,” he said, adding that such collabora- tions will make the Senate’s work more efficient and effective.

—Kimberly K. Barlow

Voter registration event set

Pennsylvania Secretary of State Pedro A. Cortes is coming to the Pittsburgh campus next week to promote the Every- one votes PA toolkit.

Participants can register online at www.1vpa.org/pitt or network with public and elected officials at an event at 5:30 p.m. Sept. 27 in the Alumni Hall lobby.

Vice Chancellor for Com- munity and Governmental Relations Paul Supowitz will be among the speakers.

E v e r y o n e v o t e s P A . c o m includes general information about voter registration in Pennsyl- vania as well as links to find your local registration office, check for an absentee ballot, and to register to vote online.

The voter registration dead- line for the Nov. 8 general election is Oct. 11.
Swanson partners with Oberg on 3-D printing

To solve some of industry’s most difficult additive manufacturing challenges, the Swanson School of Engineering has partnered with Pitt to improve the performance of its manufacturing programs. The partnership is the latest in a series of collaborations between Pitt and Oberg’s company, America Makes, the National Additive Manufacturing Innovation Institute.

Pitt and Oberg will work together to identify ideal materials, improve design tools, and develop new software to support additive manufacturing. Faculty and students will work closely with Oberg and America Makes to develop novel research projects.

The partnership with America Makes is one of many collaborative projects with Oberg and other industry partners. Pitt and Oberg will work closely with the National Additive Manufacturing Network to improve design tools and software, and to develop a new software program to support education and research in additive manufacturing.

The agreement was signed by Pitt President Greg J. DiAllesandro and Oberg in early September. It is a continuation of an earlier agreement that Pitt and Oberg entered into in 2012. Oberg has served as the Pitt campus affiliate for America Makes since that time.

In the past, partnerships have been focused on research projects. The new agreement will support faculty and students in exploring new research projects and developing new software to support additive manufacturing.

The agreement will provide a significant boost to Pitt’s efforts to improve the performance of its manufacturing programs. The partnership will provide Pitt with access to new research funding, new equipment, and access to a new software program to support education and research in additive manufacturing.

The partnership will also support faculty and students in exploring new research projects and developing new software to support additive manufacturing. Pitt and Oberg will work closely to identify ideal materials, improve design tools, and develop new software to support additive manufacturing.

The partnership will also support the development of new software, which will be used to support education and research in additive manufacturing. The software will be developed by Pitt and Oberg, and will be used by Pitt faculty and students to support their research projects.

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Potential for "materials that compute" advances

The potential to develop "materials that compute" has advanced significantly in recent years, where researchers have demonstrated that a material can be designed to perform a specific task, such as self-assemble into a particular pattern. This responsive hybrid material, powered by its own chemistry, can be designed to self-assemble into a variety of shapes.

The technology is powered by "squishy" robots.

Published in Science Advances, this work continues the research of Anna C. Balazs, Distinguishe...
**Genes control much of facial variation**

While you might roll your eyes at the idea of having genes controlling your facial features (or your relatives cooing over a newborn baby), there are other sectors that are indirectly dependent on insect-pollinated crops. They might even help prevent injuries from car accidents.

The role of one of these genetic features are controlled in part by genetics. However, few studies have examined the specific genetic factors behind facial shape and size. In a study published in PLoS Genetics, John Shaffer, human genetics faculty member at the University of Pittsburgh School of Medicine, and colleagues performed a genome-wide association study (GWAS) to identify new variants associated with facial shape and size. In total, they identified 20 facial characteristics that were significantly associated with facial shape and size. These 20 facial characteristics included eye shape, face shape, and the size of the nose, mouth, and chin.

**Economic impact of decline in pollinating insects**

NSF has awarded Vikas Khanna, a computer engineering faculty member at the Swanson school, a $2,559,582 grant to investigate the impact of declining insect-mediated pollination on the United States economy.

**Making movement of large datasets more efficient**

A project to make movement of large datasets more efficient has tested for the first time networking hardware components specifically designed for networking large data. The project, led by the Pittsburgh Supercomputing Center (PSC) and involving researchers from the University of Pittsburgh, has developed a new network architecture for large networks, which will streamline the process for the approximately 400 research projects that are already using Bridges. The NSF-funded PSC Bridges system is a flexible resource for high-performance computing and data analysis, and offers a rich software environment, interactivity and large memory. The Bridges system also introduces important new applications. These factors contribute to its interactivity and large memory.

The team surveyed network hardware components that are scheduled and managed. Unfortunately for those moving large data between PSC and NICS, there are other sectors that are indirectly dependent on insect-pollinated crops. They might even help prevent injuries from car accidents.

The XSEDE 2.0 project is led by the National Center for Supercomputing Applications (NCSA), with support from the National Science Foundation (NSF). The project is intended to integrate with other Extreme Science and Engineering Defined Networking (XSEDE) research environments to create a national cyberinfrastructure. The team was able to access Bridges and developed a new network architecture for large data.

**NSF fund preclinical cancer drug development**

University of Pittsburgh Cancer Institute (UPCI), part of UPMC, has secured a contract from the National Cancer Institute (NCI) to perform preclinical research toward the development of new cancer drugs. This commitment could bring up to $10 million in research projects to UPCI over the next five years.

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Regenerative medicine aids severe muscle injuries

A study, conducted by researchers at the School of Medicine and the McGowan Institute for Regenerative Medicine showed that severely injured arm muscles can regain strength and range of motion, as well as evidence of skeletal muscle regeneration, in 13 patients who were surgically implanted with biofibers derived from pig bladder. The patients had failed to respond to conventional treatment before use of the tissue to treat muscle injuries. The research team included principal investigator Jörg M.K. Wiezorek, mechanical engineering faculty member. It will enable researchers to use a one-of-a-kind tissue engineering technique (DTEM) developed at Lawrence Livermore National Laboratory to grow novel artificial muscle microstructures in metals and alloys as they solidify after laser beam forming. They then used rapid solidification processes in alloys that are associated with laser or electron beam processing technologies used in welding, joining and additive manufacturing.

The research team included lead investigator Jenna DeZel and others from Pitt and McGowan.

Grant funds study of aluminum alloy microstructures

A three-year, $503,435 grant from the NSF Division of Materials Research was awarded to principal investigator Jörg M.K. Wiezorek, mechanical engineering faculty member. It will enable researchers to use a one-of-a-kind tissue engineering technique (DTEM) developed at Lawrence Livermore National Laboratory to grow novel artificial muscle microstructures in metals and alloys as they solidify after laser beam forming. They then used rapid solidification processes in alloys that are associated with laser or electron beam processing technologies used in welding, joining and additive manufacturing.

The research team included lead investigator Jenna DeZel and others from Pitt and McGowan.

Study targets way of custom designing nanoparticles

Building upon their previous research, Engineering faculty at the Swanson school and Carnegie Mellon University were awarded NSF grants to develop a computational framework that can custom design nanoparticles.

In particular, the group is investigating bimetallic nanoparticles to more effectively control their potential to capture carbon dioxide from the atmosphere.

The three-year grant is led by Giannis Mpourmpakis, chemical and petroleum engineering faculty member, and co-investigator on the project, Co-investigator on the project, Martin Veser, chemical and petroleum engineering faculty member and co-director of the NSF Energy: A Carnegie Mellon college also is participating.

The NSF Division of Mechanical and Manufacturing Innovation awarded $350,395 to Pitt and 199,605 to CMU to support computational research and targeted experiments.

The researchers are investigating bimetallic nanoparticles to understand how metals behave differently than single metal nanoparticles.

The researchers will use the Center for Simulation and Modeling to control the shape and size of gold nanoparticles within the MOF, where they can interact with the environment of being able to adsorb C02 and potentially convert it to a useful chemical product.

New voice therapy program expanded

A voice therapy program that was refined by experts at the UPMC Voice Center and successfully piloted on a small group of patients with voice disorders will be reaching more patients due to a $300,000 NIH grant awarded to the School of Medicine.

The new voice therapy approach, Conversation Training Therapy (CCT), concentrates on voice training in spontaneous, conversational speech for patients with voice impairment.

said lead researcher Amanda Gillespie, faculty member in the School of Medicine’s Department of Otolaryngology and director of clinical research at the UPMC Voice Center “With this approach, we focus on patients experiencing voice issues. Although voice therapy is effective at treating voice disorders, substantial limitations exist with traditional treatment models. These limitations cause a protracted length of time in treatment, as well as dropout and voice problem relapse rates approaching 70 percent, which contribute to the high-costs associated with treating voice disorders.

CCT was developed by a team of expert voice-specialized speech-language pathologists at voice centers around the US. The goal of this study is to determine the effectiveness of CCT in the real-world setting. In our initial trial, we evaluated voice disorders that are among the most common voice disorders benign vocal fold lesions and muscle tension dysphonia. Once that is determined, the long-term goal of the research is to compare CCT to traditional voice therapy programs in real-world applications.

This study is the first to look at a voice therapy program based in Pittsburgh that examines voice, speech, and neuroplasticity, developed with input from patients with voice disorders and experts in clinical speech-language pathologists.

said Jackie L. Gardner- Schmedes, a speech-language pathologist at the study, co-director of the UPMC Voice Center and director of the Speech Therapy - Voice division in the School of Medicine. “Results of the current research will help us to dramatically change how voice therapy is delivered, including the necessary time spent in therapy, resulting in a potential savings of health care funds and improved quality of life for people with voice disorders.”

Researchers will recruit 60 patients with voice disorders for up to eight weeks of treatment with a CCT-trained voice therapist. Each will receive three to four sessions before each treatment session and at one-week and three-month follow-up evaluations of their voice.

Outcome measurements will include participant-perceived improvements in pitch, loudness and audio-perceptual voice analyses, and will be compared between past patients who previously underwent traditional voice therapy and participants in the current study.

The study is supported by the National Institute on Deafness and other Communication Disorders.

Other Pitt co-investigators are Clark Rosen and Jonathan Labedz.

Study will better ID hazardous chemicals

from the Swanson school, the Dietrich school’s Department of Chemistry and Temple University’s Department of Chemistry and Burnett-Bowie School of Diagnostics will collaborate on a study funded by the Defense Threat Reduction Agency’s Office of Science and Technology Office in the Department of Defense, Research and Development, to detect and destroy chemical warfare agents and toxic industrial chemicals.

DTRA funds academic research concentrating on combating weapons of mass destruction.

The researchers will receive $1.5 million over three years with the potential to be increased to $2.5 million over five years.

Principal investigator J. Karl Johnson, chemical and petroleum engineering faculty member, will lead the study by modeling multifunctional MOFs with the potential to detect and destroy chemical warfare agents and toxic industrial chemicals.

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Research will enable visualization of atomic structure

Tevis Jacobs, mechanical engineering and material science faculty member at the Swanson school, received an NSF grant to observe and measure nanoscale contact inside an electron microscope, enabling for the first time visualization of the atomic structure of the nanoparticle material, while they are in contact.

Jacobs will serve as principal investigator on a collaborative Understanding the Formation and Separation of Nanomaterials (USNSF) program, which was awarded $243,834 over three years.

He and his team will collaborate with the University of California-Merced.

As the electron microscopy examines the materials, the experiments using molecular dynamics computer simulations will be performed on a large scale to understand the phenomena occurring inside the nanomaterials.

LDRC grantees to study language, aid, memory

Diane Borman, LRDC researcher and computer science faculty member; Richard Correnti, LRDC scientist and School of Education faculty member; and Lindsay Hirschorn, LRDC scientist and interim dean and associate dean of faculty at the Swanson school, have been awarded an Institute for Education Sciences (IES) grant for their project, “Response-to-Text Tasks to Assess Students’ Use of Evidence and Organization in Writing: Using Natural Language Processing for Scoring and Providing Feedback at Scale.”

IES is the independent, non-partisan evaluation arm of the Department of Education.

Borman, a cognitive scientist and Education faculty member Lindsay Page and her collaborators at the University of Vermont, plan to study for their project, “Financial Aid Nudges: A National Experiment to Increase Participation in Financial Aid and College Persistence.”

LRDC researchers and faculty members for Project NNIGandin, a postdoctoral fellow in the Department of Psychology, brought in a $500,209 grant through NSF. The researchers will work to design MOFs with specific properties using computational chemistry. This work will help researchers at the Swanson school aid paraplegics in walking while wearing a mechanical exoskeleton.

Another key component of the research will be the right combination of metals to make up the plasmonic core. Gold and silver traditionally are used because they exhibit high plasmonic activity at high light intensity. Silver is more expensive, however, so the researchers will work to find new materials that can replace gold and silver.

With NSF’s support, the team’s goal is to develop new materials from cheaper, earth-abundant metals and metal combinations.

Mechanical exoskeletons tested

Two new NSF grants totaling $550,209 have been awarded at the Swanson school aid paraplegics in walking while wearing a mechanical exoskeleton.

Nitin Sharma, mechanical engineering and material science faculty member, and his team have been working to develop a research on exoskeletons—walking machines that use new materials to replace parts of the human body.

The first grant comes from the general and age-related disabilities engineering division of NSF. The project, titled “UNS-Optimal Adaptive Control Methods for a Hybrid Exoskeleton” will investigate a new class of control algorithms that adapt to allow optimization of control inputs to functional electrical stimulation (FES) and electric motors during single-joint movements.

The civil, mechanical and manufacturing innovation division awarded Sharma another grant to fund “Coordinating Electrolytic Stimulation and Motor Assist in a Hybrid Neuroprosthesis by Evaluating the Benefits and Limitations of an Active Neuroprosthesis.”

New way to deliver therapeutic cells proposed

Nanotechnology could be used to deliver therapeutic cells to the diseased cells in order to restore elation levels and regenerate the area.

Funded through NIH’s common excitation/development/research grant award program, the research is being led by David A. Vorp, associate professor for research at the Swanson school and William Kepler Whiteford Professor of Engineering.

The proposal, “Outside-in Regenerative Therapy for Degenerative Multijoint and Polyarthritic Ankle,” will receive $439,220 through April 2017, and is a collaborative effort with Vanderbilt University.

How do we recognize the printed word?

Reading is a relatively modern activity. Before the days of the phonograph, visual word recognition had been a puzzle for neuroscientists because the neural systems responsible for reading could not have evolved for this purpose.

Noted Avinash Ghaman, faculty member in the School of Medicine’s Department of Neurological Surgery and one author of a new study on the role of the visual word form area: “The existence of brain regions dedicated to reading has been fiercely debated for almost 200 years. Wernicke, Dejerine and Charcot, among others, showed that people had lost their ability to name objects or faces of objects if the area was damaged while the patients could still read words. Using techniques from machine learning to analyze the brain activity that evolved over a few hundred milliseconds from this region, the researchers could tell what word a patient was reading by looking at a particular moment. This suggests that neural activity in the area codes knowledge about the visual word forms that can be used to discriminate even words that are only one letter different from one another (for example, “hint” and “ limitless”).

Said Hirschorn: “This study shows that the visual word form area is exquisite tuned to the fine details of written and printed words and allows us to read words without perceiving them as characters, optimizing our understanding for reading.”

The disrupted word and letter perception seen with stimulation provides direct evidence that the visual word form area plays a critical role in skilled reading. These results also have important implications for understanding and treating reading disorders. The activity in the visual word form area codes the local interactions with other brain areas involved in language processing, could be used to treat reading disorders. Having a better understanding of this neural system could be critical in designing more effective treatments and developing targeted therapies.

Compiled by Marty Levine
Carroll Grimes

A memorial is set for 4 p.m. Sept. 22 in Pitt-Johnstown’s Whal- ky Chapel for Carroll Grimes, former chair of Pitt-Johnstown’s humanities division and professor emerita of English.


Grimes joined the UPJ faculty in 1969 as an assistant professor of English. She was promoted to associate professor and became humanities division chair in 1972.

She was promoted to full pro- fessor in 1975 and remained as division chair until her retirement as professor emerita in 2002. She continued to teach on the Pitt- Johnstown campus until 2003.

She held a bachelor’s degree from St. Joseph’s College, a mas- ter’s degree in English literature from New York University and a PhD in English from Ohio State.

Fellow faculty members remembered Grimes as an influ- ential figure in UPJ’s transition to a four-year institution.

“She was indefatigable in her willingness to work on things that were being developed,” said former associate dean Johnny Lavine, along with his wife, Mary Lavine, faculty emerita in geography, arrived at UPJ shortly after Grimes. “I can’t think of a single major committee, convoca- tion or conclusion that she wasn’t part of,” Lavine said. “She was will- ing to work and her opinion was valued and sought after.”

Grimes set a unifying tone for division and beyond, col- leagues said.

Catherine Kloss, emeritus faculty member in English, said Grimes “gave us an identity as a faculty, an identity in an admin- istrative way, but in a personal manner.

Kloss remembered Grimes’ carefully prepared words at the division’s annual year-end ban- quet, during which she would thank the faculty and summarize the year’s ups and downs. “She made it clear that we were not alone—that she saw our struggles and disappointments as well as our successes.”

Grimes also would enumerate each faculty member’s significant achievements, further advancing their respect, admiration and com- mitment to one another. “We’re all very close,” said Grimes.

As an administrator, Grimes supported both faculty and stu- dents. “She was always concerned about mental health always,” said Kloss. “She fought for us behind the scenes in ways we will never know.”

Grimes reached beyond the humanities division in support of the entire institution, said Lavine. “She truly wanted what was best for the campus—ultimately that which was best for students; sec- ondarily what helped the faculty do their job.”

Welcoming and personable, she related across the campus community. She was known to be kind and considerate at the individual level, yet swift to speak out against injustices.

“She had a strong sense of fair- ness,” Lavine said. “She was not a crusader for any particular group but held a strong expectation that people would treat one another fairly, and was one to speak out if she saw that wasn’t being done.”

Said Kloss, “She was never mean, never angry or impatient except when she saw unfairness or delays.”

In a letter to the editor of the Johnstown Tribune-Democrat, UPJ professor emeritus Charles Clifton wrote: “Grimes stacked up for everybody who worked along- side her—secretaries, professors, students and grounds crew.”

Lavine said: “Carroll was a very important person to a lot of people on campus. She gave of herself generously and instrumental in the creation of the campus community.”

She supported the campus not only through her influence as an administrator but also with her presence. She was a regular attendee at basketball games and homecoming events, fought for the student newspaper and sup- ported UPJ’s closed and theatre programs, colleagues said. “If there were six performances, she was there six nights,” Lavine said.

She also was an important part of many: faculty members’ families, attending children’s Christmas concerts and grade- school events.

“She related to everyone on a personal level,” Kloss said. “Our children were her children.”

She found time as well for her own interests, particularly in the works of Ernest Hemingway. A longtime member of the Heming- way Association, she talked in summer to further her research on the noted author, Lavine said. A dedicated gardener and teacher, Grimes insisted on intellectual rigor. “She elevated the standards of the classroom,” Kloss said. “Students knew that it was busi- ness as usual when she talked, so do your part, but you knew that you would grow.”

“People of the Times” is a series to see what she wanted for them. “At Grimes’ retirement, col- leagues endowed an award in her honor, citing her “contagious and legendary” love of teaching and of learning. The Carroll Grimes Award for Writing in the Humani- ties is presented each year to the undergraduate writer of the best scholarly or critical essay written for a humanities class. The winner, announced at the UPJ honors convocation, receives both a cash prize and a book, selected by a work on Ernest Hemingway.

Grimes is survived by her brother James A. Grimes and sisters Nancy McLennon and Frances A. Leadabrand.

—Kimberly K. Bazlow

The People of the Times column features recent news on faculty and staff, including awards and other honors, accomplishments and administrative appointments.

welcomes submissions from all areas of the University. Send information via email to: uittmes@pitt.edu, by phone at 412-624-4579 or by campus mail to 308 Bellefield Hall. 

university Press to observe design and marketing opportunities and helps presses, provides cooperative work and influence of university dissemination of knowledge. The People of the Times columnist for Clinical Trials and Data Coor- dination.

RenÄ. A. S. Robinson, a chemistry faculty member in the Dietrich School of Arts and Sci- ences, has been selected as one of the “Talented 12” by Chemical and Engineering News. The Talented 12 are innovative researchers age 42 or younger who are pushing the boundaries in their fields. C&E News cited Robinson’s work in the chemistry of aging and neu- rodegenerative party participation in a national Alzheimer’s disease. Robinson hopes to dis- cover whether changes outside the brain precede and are a response to, changes in the brain.

Pitt-Bradford accounting fac-ulty member Ernest Kallenbach will receive the Bradford campus alumni association Teaching Excellence Award Oct. 1. as part of the association’s alumni awards dinner and Athletic Hal of Fame induction.

Froehlich, former chief of the Chemistry Department at Pitt and an associate professor at Pitt-Broad for eight years. He oversees the Volunteer Income Tax Assistance program through the UPJ Outreach office.

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**UNIVERSITY TIMES**

**CALENDAR**

**September**

**Thursday 15**

**Molecular Biophysics/Structural Biology Seminar**

"Retinal Restriction & Viral Countermeasures," Ian Taylor, Francis Crick Inst.; 6014 BST3, 11 am

**Ctr. for Causal Discovery Lecture**

"Learning Causal Instruments: Bridging Instrumental Variables & Backdoors," Ricardo Silva, University College London; 407 A Offices at BSSM, 5607 Baum Blvd., 11 am (ketchum@pitt.edu)

**Farmers’ Market**

WPU driveway, 11:30 am-2:30 pm

**Epidemiology Seminar**

"Social Determinants of Health & Epidemiology Seminar" WPU driveway, 11:30 am-2:30 pm

**Friday 16**

**Pwover's Inaugural Lecture**

"From Little Animals to Moving Molecules," Simon Watkins, cell biology; Schaele lecture rm. 6, 4 pm

**ULS Graduate Students Pints & Pies**

Carlhill Library, 4-7 pm

**Pitt Arts Lecture**

"Thunderton: The True Story of a Blind Man, His Guide Dog & the Triumph of Trust at Ground Zero,", Michael Hinton; FFA; 7 pm (piusars@pitt.edu)

**Saturday 17**

**Social Work Volunteer Day**

"Be a HERO," 9 am departure, Bigelow Blvd. in front of CL, 9:30 am-noon (www.socialwork.pitt.edu/events/volunteer-opportunity-be-school-heros)

**Pitt Arts Fall Fest**

WUPN; lunch, 12:30-3:30 pm (lunch location: WPU lower lounge; pittarts@pitt.edu)

**Tuesday 20**

**Senate Benefits & Welfare Com.**


**HSLS Workshop**

"Why We Cannot Learn From Minimal Models," Robertus Fumagalli, U of Bayreuth; 817R CL, noon

**Molecular Medicine Research Seminar**


**Basic/Translational Research Seminar**

"Basic-Fraction Repair & Human Diseases," Joann Swaney, Yale; Hillman Cancer Ctr. Cooper Conf. Ctr. rm. 1, noon (www.yalemed.org/)

**Senate CRC Mrg**

140 Alumni, noon

**HSLS Workshop**

"Praise for Presentations," Julia Dahm; Fark Library classrm. 2, 11 am

**Senate ELADAC Mrg.**

826 CL, 1 pm

**Pharmacology/Chemical Biology Lecture**

"Does Vitamin E Prevent Cancer?" Nanjos Sub, Runges, 1395 BST, 3:30 pm

**Neurobiology Lecture**

"Experiences Dependent Dendritic Spine Plasticity in the Cortex," Winbush, NYU; UClub ballrm. A, 4 pm

**Social Work Career Development Workshop**

"Social Work Licensure," Katona Fuddell, 2017 CL, 5 pm

**Latin American Studies Lecture**

"How Burges Write: A Story & a Poem," Daniel Baldewein, modern languages; 602 CL, 5 pm

**CONTINUOUS ON PAGE 13**
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Day of Caring for You Luncheon
Council Ballroom. Alumni, noon Episcopal Seminars
"Childhood Cancer in PA;" Gene Weinberg, PA Dept. of Health.G22 Parran aad, noon

Equipoise Mtg.
6:30 WPI, noon

CIDDE Workshop
"Blacking Out Hip Hop’s Remix of Race & Identity?;" Alumns 5 h a.d. 7 p.m (www.cidde.pitt.edu/workshops/)

Pgh. Ctr. for Bone & Mineral Research Seminar
"Keratin in Epidermis: A New Chapter in an Old Story?" Eka Bendiak; 6:00BST, 4 pm (pprersenni@upmc.edu)

Pitt-Johnstown Memorial Service
For Carroll Grimm, former chair of UPJ’s humanities division & professor emeritus of English, who died Aug. 26. Williams Chapel. UPJ, 1 p.m.

English Pgh. Contemporary Writers Lecture
Ada Limón, poet; public health aud., 8:30 p.m

Friday 23

SBDC Workshop
"Developing a Business Plan: 2nd Step?" Mavis; 7:30-10 am (wwwentreprise.pitt.edu)

Philosophy Cncl.
"Relativism & Integration, Bioethics & Behavior: A Conference Celebrating the Career of Kenneth F. Schaffner;" 817CL, 8:30 am-5:15 pm (also Sept. 24, 8:30 am-4:15 pm) (www.pitt.edu/center)

CIDDE Workshop
"Introduction to Computers: Windows 98/2000. 9:00am, 11am (www.cidde.pitt.edu/workshops/)

Sc. Vc Lecture
"Less is Translation Dysregulation of Host Proteins in Synthesis in Virus-induced Caregioneosis". Massimo Shalit, Seale lecture rm. 6, noon (www.viro-semi-si.pitt.edu)

Bradford Campus Concert
Susan Fowler, cello; Elizabeth Simkin, cello; Mimi Yampolsky, piano; Studio Theater Blaisdell, 1BP, noon

Psychiatry Lecture
"From Base Camp to the Summit: Understanding ‘Adolescent Brain Trajectories’," Beattie Lina; WPIC aud., noon

Senior RPC Mtg.
156 CL, 2 pm

CIDDE Workshop
"Tools for Creating Personalized Learning," B26 Alumni, 3 pm (www.cidde.pitt.edu/workshops/)

CIDDE Workshop
"Chinese Student Perspectives: Understanding ‘Our Students’," Miczi Song, 253 Lawrence, 3 pm (www.cidde.pitt.edu/workshops/)

Titusville Campus Polynesian Dance/Dance
"Manna Polynesian," McKinney Commons, UPP, 4:30 am (also music aud., 7 pm; tckpup@pitt.edu)

Saturday 24

Bradford Campus Open House
10 am, UPP (register@wpub.pitt.edu/attractions/)

Sunday 25

Jewish Studies Book Launch
"Her Deeds Sing Her Praises: Profiles of Pittsburgh Jewish Women." Edelen Lane, Lois Michael & Eric Lidl, co-editors; Hein History Ctr., Downtown, 10 am

Monday 26

CIDDE Workshop
"The Big Video Editing in Windows Live Movie Maker," B26 Alumni, 10 am (www.cidde.pitt.edu/workshops/)

Flu Shot Clinic
12:15 BST, 10-2 am

CIDDE Workshop
"Effective Teaching: Wish & Without PowerPoints;" 8:15 Alumni, 1 pm (www.cidde.pitt.edu/workshops/)

CIDDE Workshop
"Blackboard Assessment Tools;" B26 Alumni, 2 pm (www.cidde.pitt.edu/workshops/)

Jewish Studies Lecture

Physics/Astronomy Lecture
"Fusion, Faith & Theories in The New Physics of the Universe," Roger Penrose, Oxford. U Club ballrm, B 1-4 pm (eme18@pitt.edu)

Tuesday 27

HR Workshop
"Working with International Populations at PIT;" 342 Craig, 9 am (www.hrpitt.edu/training-develop- ment/faculty/)

Magee-Womens Research Inst.-Work in Progress Seminar /Conf.
"Phenotypic Brain-Disease in Virus Using Novel Zebrafish Models;" Edelman Burton; Magee-Womens Research Inst. 10 fl. con. noon

Medical Molecular Research Conference

UPC Seminar
"UC Phillips Poster Winners;" Liao Zhang, Hillman Cancer Inst.Coon r, 6 pm (412-623-3241)

Philosophy Lecture
"A Case Study in the Metaphysics of Biological Practice: The Parts of the Human Genome;" Marie Kaise, U of Koles; 317 CL, noon

Pharmacology/Chemical Biology Lecture
"X-ray Laser Imaging into Assembly & Phosphorylation Dependent Recruitment of Arrestins by GPCRs," H. Erle Zu, Van Andel Research Inst. 1305 BST, 3:30-5:30 pm (412-383-7757)

Everyone votesPA Launch
PA Secretary of State Pedro A. Cortes; Council Ballroom. Alumni, 5 pm

G&S/W Lecture
"Women Behind Bars: Realities & Resistance;" Victoria Law; The Big Idea Bookstore. 1463 Liberty Ave., Bloomfield, 7:30 pm

Wednesday 28

Clinical Oncology/Hematology Grand Rounds
"Emerging Non-Factor Therapeutics for Hemophilia," Margaret Ragin; Hillman Cancer Inst., Cooper conf. rm. B & C, 8 am (millerc5@pitt.edu)

Pathology Lecture
"Therapeutic Approaches to Neurodegenerative Disease," Joseph Her, U of TX. 104 Scarf. noon

Forum for Law & Public Policy Lecture
"Cross-examining History: A Lawyer Gets Answers From the Experts About Our Presidents;" Talmage Boston; Hillman Library. Thornburgh Rm., noon

HSLS Workshop
"Literature Mining, Information Sources, Molecular Databases & F1000 Workspaces," Anusuman Chattopadhyay; Falk Library classrm. 2, 1 pm (asuman@pitt.edu)

CIDDE Workshop
"Developmental Plan Lecture;" 813 Alumni, 2 pm (www.cidde.pitt.edu/workshops/)

Equipoise/UN PA Panel Discussion
U Club ballrm. B, 9:30 am

Bradford Campus Discussion
"Inequity Within the Criminal Justice System," Tony Gaskel; Bradford Area Public Library, 7 pm (jclt71@pitt.edu)

Thursday 29

HR Workshop
"Children’s Cancer Research at the University of Pittsburgh," Sherry Brown, McCrld Ctr. conf. rm., 7:30 pm (www.ch.pitt.edu/training-development/facility-st)

Molecular/Biophysics/Structural Biology Seminar
"Mechanisms of Vinculin Activation, Motility & Force Transmission;" Sharon Campbell, UNC-Chapel Hill. 814 BST, 11 am

Farmers’ Market
WPU driveway, 11:30-2:30 pm

Social Work Presentation
"What Does Prevention Look Like?" Patricia Martin; 2017 CL, noon (www.aswsuworkshop.pitt.edu)

Epidemiology Seminar
"Psychological & CV Risk Factor Changes During Menopause; Do They Matter for Coronary Heart Disease?" Karen Matthews; G23 Parran, noon

CTSI Workshop
"IR Literature Searching for Animal Research Protocols;" Melissa Rajaee; 512 BST, 3 pm (www.ctsi.pitt.edu/registration.asp?number=202)

U.S. Wine, Cheese & Conversation
Hillman Library. Thornburgh Rm., 4-7 pm (mprp转型发展/pitt.edu)

Communication Science/Disorders Lecture
"Hearing Loss in Older Adults: A Public Health Perspective," Frank Lin, Johns Hopkins; UClub 2nd fl. ballrm. 4 pm (reception 3 pm; www.pitt.edu/qualities.com/file/forms/SC_01940c5f1f7V7)

Exhibits
Aububon/Hillman Library
"The Red Phalarope;" gr. 8. Aububon exhibit case, through Sept. 30. M-Th 8-10 am, Fri. 8-6 pm, Sat. 10 am-6 pm & Sun. noon-7 pm (412-648-8199)

Falk Library
"From DNA to Beer: Harnessing Energy in Medicine & Industry," Natl. Library of Medicine, display cases near entrance, through Oct. 10; M-Th 7-10 pm, Fri. 9-10 pm, Sat. 9-10 am & Sun. 11 am-7 pm (pittclidav2@pitt.edu)

Bradford Campus
"Celebrating America’s National Parks Centennial," an exhibit of works by Denise Drummond, runs through Oct. 2 in Pitt-Bradford’s KGA Gallery, Blaisdell Hall.

Dedlines
Science 2016
Closed Sept. 19. (www.science2016.pitt.edu/presenters.htm)

African American Alumni Council Branch
RSVP by Sept. 26 for Oct. 9 event: "Honoring Robert Hill: A Legacy of Service." (alinunionline.pitt.edu)

Provisor’s Award for Excellence in Mentoring
Nominations due Sept. 30. (gpit/mentoring/award)

Burroughs Welcome Fund Career Award for Medical Scientists
Proposals due Oct. 3. (www.ctsi.pitt.edu/documents/BWFU3NPdf.pdf)

ADRC Grant Program
Letter of intent deadline due Oct. 7. (info: 412-602-2731)

Chancellor’s Distinguished Teaching Awards
Nominations due Oct. 14. (lkirsch@pitt.edu)

Chancellor’s Distinguished Public Service Awards
Nominations due Oct. 14. (gbuehr@pitt.edu)

Chancellor’s Distinguished Research Awards
Nominations due Oct. 14. (emilfer@pitt.edu)

Tortsgo’s Wellcome Fund Career Award for Medical Scientists
Proposals due Oct. 3. (www.ctsi.pitt.edu/documents/BWFU3NPdf.pdf)

ADRC Grant Program
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