Pitt poet wins MacArthur award

"It's like the five stages of grief, except it's joy," says English faculty member Terrance Hayes of being named a MacArthur Fellowship recipient and then being forced to remain silent about it.

Beyond telling his wife, fellow faculty member Yosa Harvey, who was with him when he received the MacArthur Foundation's call earlier this month, he was sworn to secrecy until the news was released publicly two weeks later — by which time he'd progressed from the initial denial and disbelief stage to acceptance.

Hayes said he'd never imagined receiving the award — poems he has written have been rejected by over 1,000 publishers — and he was surprised that the entire news media was ready to pounce as soon as the award was announced.

"You can imagine the storm of questions and the desire of the world to know all the details of my life," Hayes said.

The award, which Hayes said he hopes to use to support his writing, is the MacArthur Foundation's first for a poet.

The award is a $525,000 grant to be spent over five years, and Hayes said he will use it to purchase a home in the Pittsburgh area.

Hayes, who teaches poetry at the University, said he hopes to use the award to support his writing, and he said he is grateful for the opportunity to continue his work on his poetry.

Hayes has been a faculty member at the University for 15 years and was a resident fellow at the Institute for Advanced Study in 1998.

Since then, he has been a full professor and has been a visiting scholar at the University of California, Berkeley, and at the University of Texas at Austin.

Hayes said he is looking forward to spending more time in his writing and teaching, and he is looking forward to the opportunity to work with students and other faculty members at the University.

Hayes said he is grateful for the support of his family and friends, and he said he is looking forward to spending more time with them.

For a look at Terrance Hayes' poetry, see page 6.

Class of 2018: Who are they?

A total of 4,739 new undergraduates — 3,894 freshmen and 844 transfer students — have arrived on the Pittsburgh campus this fall.

In a Sept. 23 presentation to the University Senate admissions and student aid committee, Mac

Business dean search group forming

A search committee is forming to find a new dean of business. The search committee will be led by John J. Deans, dean of the Katz Graduate School of Business and College of Business Administration.

Douglas Hedin, chief enrollment officer, and Katie Kline, director of operations and strategic planning in the Office of Admissions and Financial Aid, profiled Pitt's newest undergraduates.

As he became the year's end, Pitt's incoming freshman class is drawn from a record number of applicants and boasts academic strength. "The class itself is just a really bright class," said Hedin.

Of the 2014 freshman class, 66 percent are Pennsylvania residents (16 percent from within Allegheny County; 50 percent from elsewhere in Pennsylvania).

• 34 percent are from out of state.

Where do the out-of-state freshmen come from? Eighty-five percent come from among 10 states:

1. New York (29.6 percent)
2. Ohio (17.4 percent)
3. Pennsylvania (10.7 percent)
4. Maryland (7.8 percent)
5. Virginia (6.2 percent)
6. California (5.6 percent)
7. Massachusetts (5.6 percent)
8. Connecticut (5.2 percent)
9. Michigan (4.2 percent)
10. Florida (4.0 percent)

• The average SAT score is 1297 (based on a maximum of 1600), up from 1293 for those entering in 2013.

• Fifty-nine percent were in the top 10 percent of their high school class.

Find out why some of your co-workers contribute to the Faculty and Staff Campaign.

A Senate committee aims to make staff and faculty more aware of mental health resources.

IP form deadline delayed

The using of the IP form for non-invasive procedures is still pending.

A medical student at the University of Pittsburgh has suspended a requirement that faculty sign an informed consent form (IP) before performing a procedure.

In a Sept. 12 memo to the Committee on Intellectual Property and Faculty, Richard W. Calhoun, a member of the Committee, said that the procedure has been delayed.

The memo went on to state: "As this task force deliberates, the process of grant submission will go forward as in the past."

Following a spirited debate in the Sept. 11 meeting, the Faculty Committee approved a tenure and academic freedom committee that sought to overturn the provost's decision to push back the Sept. 16 deadline for the IP form.

The faculty and non-academic staff to sign the agreement to assign to the University IP rights for all work done while employed at Pitt.

TAF has questioned a lack of faculty input in developing the policy, as well as the administration's assertion that the mandate reflected federal requirements as a condition for grant funding.

As an issue, it was an IP rights assignment agreement, dated July 1, that some faculty felt represented no change to longstanding IP policy, but others argued it was a shift in assigning IP rights as it pertains to the confidentiality of disclosures.

The changes stem from a 2011 Supreme Court decision that Pennsylvania would not be considered an individual's employment at the University.

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Class of 2018: Who are they?

CONTINUED FROM PAGE 9

• About one-quarter identify as minority students, Harding said. Fox 2014, 24.8 percent identified as a minority, down slightly from 25.5 percent last year, up from 21.5 percent in 2012. “A lot of families look through the lens of how diverse is your undergraduate student body,” in selecting colleges, Harding said. “It’s a numbers of interest to our external constituents.”

• International student applications fell, due in part, Harding said, to transition related to the departure of a longtime staffer in that area.

Fox 2014, 1,983 international freshmen applicants, 589 students were admitted and 108 students matriculated. In comparison, fall 2013, 1,989 students were admitted from 3,242 applications, with 121 students joining the freshman class.

The ranks of graduating high school continues to decline in around Pennsylvania. Despite the trend, the number of Pit applications continues to rise.

“We’re a product that is desired by a segment of our population. We want to keep that strong, particularly in light of the demographics,” Harding said. “We’re competing with the very best.”

Of 30,928 applicants for fall 2014—the highest number ever—16,671 students (51.6 percent) were accepted. The class of 3,984 students represents a yield (the percentage of admitted students who enroll) of 23.9 percent.

In comparison, in 2000, the yield was 57 percent, Harding said.

“We’ve become more selective,” Harding said. “You have to admit more students to bring in the same size class. The smarter the student, the more choices they have. They don’t have that brand loyalty dollars they have,” he said. “If we get more selective next year, I’d expect the yield to drop.”

Although Pitt is among the nation’s most expensive public universities, cost has not yet prevented the University from achieving its enrollment goals, Harding said.

“Cost is not the problem. If you’re a great product, people are willing to to pay for it and be interested in it, and we’re still getting students of high quality.”

The University plans to boost recruiting in areas where Pitt has historically lacked visibility through its move to the Atlantic Coast Conference. Potential new markets include North Carolina, Massachusetts and throughout New England, said Kane.

In addition to increased name recognition for Pitt in those areas, those geographic freshmen tend to attend school within a 300-mile radius of home and alumni presence can be leveraged, all advantages when it comes to attracting students.

Additional freshman class facts and information at https://admissions.pitt.edu/who-are-we/

—Kimberly K. Barlow

Sean Sweeney
CSSE Security

Technology topics and trends from Computing Services and Systems Development (CSSD)

Meet the security team

Have you heard the joke about those of us who work in information security in higher education?

We sleep like a baby.

You know—we wake up every hour and cry.

Target-rich environment

In the world of cybersecurity, universities are considered a “target-rich environment.” Universities are very large, complex, fast moving organizations and subject to a wide variety of sensitive information, a rich environment for cyber attacks.

Our mission

CSSD’s security team is committed to safeguarding the confidentiality and integrity of Pitt’s systems by providing security expertise in a proactive manner. We understand our responsibility as guardians of sensitive information, and we know the security and confidentiality of attacks that threaten this information.

In addition to maintaining strong security at the enterprise level, we are committed to fostering a culture of security awareness in the University community. We are focused on education and awareness in the University community.

Effective security is a team effort. You are an integral part of that team.

Security tailored to your circumstances

The CSSD security team works closely with your department, faculty, and staff to provide security services and information at no cost. The more secure your area

The Class of 2018 at freshman Convocation last month.

is the more secure all other areas of the University will be.

• Consultation

Our team partners with units developing and updating security plans and initiatives. Each unit should have a general information security plan that follows University policy. But many units also have more specific security needs that demand and require more specific requirements.

Right now, for example, your department is responsible for conducting an information security plan as part of the University’s compliance efforts. Departments with significant engagement in financial activities need these security plans to protect customer information. We can help.

• Education of new hires

Faculty members and departments often identify potentially valuable new technology tools or systems. CSSD Security can be effective initial evaluators of those systems to help determine whether the design of the system and its vendor meet security standards so that you don’t invest time and finding in a product that cannot pass a security review.

• Access reviews

In addition to providing expertise during the development stage of a security plan for your area, we can be a verification resource to test your plan after controls are in place.

• Vulnerability scans

Vulnerability scans are part of standard operating procedures for many applications and systems. But in cases where a system does not have a built-in vulnerability scan, we can provide that service.

We will run the vulnerability scan for you, weed out any false positives and alert you to vulnerabilities. The scan can be done on a periodic basis; you will receive a report each time.

The vulnerability scan service allows departments to leverage CSSD security tools and expertise to proactively address any known vulnerabilities.

Centralized antivirus

Secure Endpoint Protection (SEP) is available at no cost to all University staff and students through the Software Download Service.

Many departments and schools, however, also maintain a SEP server to more effectively manage machines in their areas and identify when there’s a need for active remediation.

We can do that for you on one of our servers. The department can choose to manage their clients or, if you prefer, we can do that for you, too, sending a report — or, when necessary, an alert — to a designated person in the unit so that the department is kept fully informed.

• Security data discovery

A surprising number of people assume they have no personal information on their computers. Don’t assume. Identity Finder scans your computer to locate sensitive information such as birth dates, passwords or Social Security numbers. Identity Finder can be downloaded through the Secure You Data resource community in My Pitt.

The CSSD security team can help you understand how University information policies apply to your work and your situation. If you have sensitive data that needs to remain on your computer, we will help you address that with applicable security controls.

• Incident response

Despite the best efforts of a department IT team and individuals within the department, machines and systems can become compromised or infected.

Please call us.

If you try to fix this on your own and we don’t know about it, there are no avenues of information we need to assess greater risk.

The infection that you assume is localized may be part of a larger issue or it may provide important evidence in a larger puzzle. Let us help.

• Security awareness training

We always welcome the opportunity to visit your school or research group for a tailored information session on security awareness.

The Federal Department of Homeland Security designates October as National Cybersecurity Awareness Month. Consider celebrating it this year by inviting us to give a security awareness training session.

We always make your calendar for a special presentation, if you choose on Oct. 21 on cybersecurity.

The event, which will be held in the William Pitt Union, will include talks by U.S. Attorney General David Hickton, who led the investigation against the individual behind hacking threats against the University, and hacking expert David Kim- mery.

Sean Sweeney is the University’s information security officer. He can be reached at 412/624-5395 or sean.sweeney@pitt.edu.
Publicizing mental health resources is priority for benefits & welfare group

Administrators here unclear on UPMC/Highmark decree

F

it that staff and faculty have felt the “impact very much” from the UPMC/Highmark fight and that since June 27, 2014, con-
sent decree, John Koziar, assistant vice chancellor for Human
resources, told the Senate benefits and welfare committee Sept. 22 that the $6 million insurance holders in network access to certain UPMC facilities.

Koziar said Pitt officials had met with both sides in an attempt to understand how the new rules affect Pitt employees with Highmark insurance.

“You give it to 10 people, you’re going to get 10 different interpretations,” he said.

“We’re struggling with that. Quite frankly it’s going to be an issue for the next few years.”

It’s clear that emergency room visits to any facility will be covered for employees with Highmark insur-

ance, “but what happens from there is still under debate,” Students whose parents have Blue Cross insurance — from Highmark or elsewhere at the state or country — “would be impacted” as well.

“The working through those issues, it’s a little frustrating for everybody,”

Marty Levine

Crowdfunding of Oakland digital art gallery nearly ends

J ust a few days remain in a crowdfunding effort to sup-

port Oakland’s newest art gallery. The Innovation Oakland (IO) oudo-
rs digital art gallery at Forbes-

Bonfiglio Park.

Organizers hope to raise $50,000 for installation costs by Sun-

day night. They’ve already surpassed the $62,000 campaign that closes at midnight on Sept. 29.

The effort includes opportunities to donate at levels ranging from $25 to $25,000.

Porks for contributors include postcards, shots and recognition on walkway pavers, benches and art elements.

Pitt, which owns the plaza space at the corner of Bou-

quet Street and Forbes Avenue, is an active partner in the project.

The $50,000 goal is intended to fund the installation of Pittsburgh, CMU’s Traffic 21 Community Human Services, Neighborhood Change Collaborative, Oakland Task Force, Oakland Transportation Management Association, and the city’s Downtown Partnership, Pittsburgh Symphony Orchestra, Reev Oak-

land, UPMC, and the Northwest Pennsylvani

County.

The gallery’s digital screens will display work by local, national and international artists, as well as messages and real-time infor-

mation for the public. With the capacity to live-stream events, said Petrozos, other plans in-

clude Wi-Fi Internet service, “smart” light poles that have sound capability, new pavers, benches and a rain garden.

Murray Hole, curator of the Wood Street Gallery in Down-

town Pittsburgh, will manage the digital gallery and curate the

Bridges, the school’s biannual magazine, and coordinates the gallery’s school-based programs.

“I really have enjoyed my job. I feel as if I’ve been very

blessed (with the opportunity),” says Koziar. In particular, she

enjoys working with the students.

“If everyone would give a small donation to the inter-

nal campaign,” Urbanelle says, “I’d love to work with the students, and they have done remarkable things as they go out into the community to work for certain agencies.

“Social work is a helping profession,” she says, “and there are a lot of people who love this society. If we can help our students along in their degrees...”

For more information on the Faculty & Staff Campaign, go to www.

facultyandstaffcampaign.org.

-Marty Levine

Unused medication collection set

S

Unused, unapproved and expired medications can be stored for safe disposal 10 a.m.-2 p.m. Friday, Sept. 26, at several UPMC loca-

tions.

- Children’s Hospital, outpatient pharmacy lobby.
- Frankstown Medical Center, medical office lobby.
- Hillman Cancer Center, ground floor atrium.
- Magee-Womens Hospital, main lobby.
- UPMC Brackenridge, general practice.

Prescriptions and over-the-counter medications will be accepted. They should be in their original containers and personal information on prescription labels should be concealed.

FACULTY & STAFF CAMPAIGN

www.facultyandstaffcampaign.org

WELCOME TO OUR CAMPAIN

For Rosie Rinella, a 46-year staff member of Social Work, giving to the Faculty and Staff Campaign is “just my way of saying thank you for all that has been afforded to me, in the University and in the school.”

Rinella is assistant to the dean and manages of personnel and administrative services, overseeing the office staff, heading per-

sonnel matters and managing the office. She also is assistant editor of Bridges, the school’s biannual magazine, and coordinates the school’s speaker series.

"I really have enjoyed my job. I feel as if I’ve been very blessed (with the opportunity),” says Rinella. In particular, she

enjoys working with the students.

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-Marty Levine

SEPTEMBER 25, 2014
SAC wants improvements in lactation website

The Staff, Association Council (SAC), wants the University to be more welcoming and helpful to women using the Pittsburgh campus’s 16 lactation rooms.

Pamela Ristad, who reported on the work of the health, safety, IT, and transportation committee at SAC’s Sept. 17 meeting, said Human Resources launched an lactation website (www.hr.pitt.edu/diversity/lactation) makes no attempt to associate use of the rooms with healthy practices, unlike other University HR sites. She gave as an example the page describing Pitt’s smoking policy, which encourages smoking cessation.

Her committee met with Ron Frisch, associate vice chancellor for Human Resources, and other Pitt officials to discuss upgrading the lactation website.

“Ross did agree that the language on the website could be a little more supportive,” Ristad said.

“She is working on it,” Frisch said after the meeting, noting that SAC had offered examples of other schools’ lactation websites with more positive language for Pitt to emulate.

“We need to make that section of the HR website a little more employee friendly.”

“Sometimes you get silly reactions from people” confronted with a lactation policy, Ristad added. “They would ask, ‘Are we forced to use the lactation room to express milk?’”

Ristad noted. “Like, ‘Could we just wait until the next get together?”

SAC also wants HR to compile a fact sheet about breastfeeding for women using the lactation rooms.

The organization will consider adding a presentation to its brown bag seminar series about breastfeeding and other issues for employees returning to work after a leave.

In other news:

• Jennifer Engel of the Older Lifelong Learning Institute gave a presentation about Older’s offerings, noting that it allows you to join and take non-credit Pitt courses.

• More than 800 non-credit courses (about 80 of which are offered each term), often meeting weekly for five weeks, are offered through membership in Older, which costs $125 for one year or $25 for a school year’s three terms.

• Several fees allow people to take an unlimited number of Other courses and to audit up to two select Pitt undergraduate courses each semester. Courses require no previous college work or prerequisites, nor do they have the costs added to under-graduate tuition, such as computer fees. While Older is tailored to those aged 50 and over, anyone may participate. Other courses run the gamut of Pitt schools and majors, from “Discovering Nature Through Journeymaking” and “Portrait Drawing: To A Fire of the Soviet Union” and “Intermediate Spanish.”

• In place of SAC’s annual technology fair, this spring SAC will hold a staff development forum, inspired by the all-day professional development programs of some of the regional SACs, such as Johnstown, which shuts down its campus offices to allow staff to attend training programs during spring and fall breaks.

• Fiona Seesh, standing in for external relations committee chair Andy Stehle, announced a meeting at Pitt for external relations committee chair Andy Stehle, announced the topic of the next lunchtime seminar—nanosciences (today, Sept. 25), education benefits (Oct. 21) and wellness (Nov. 19).

• Operations committee chair Hillary Kolter announced that applications are available for SAC’s Book Fund awards. Pitt sophomores, juniors and seniors whose parents are Pitt employees are eligible. Applications are due Oct. 17; an ad hoc committee will choose winners at the end of November and award the funds in December.

• Changes to two SAC rules passed nearly unanimously last month, including a change to the organization’s operations manual clarified how former members can be reinstated. Currently, membership may be respawned for those who had consecutive absences without prior notification to SAC, and those with three or more absences in a year. Now those whose membership was canceled must wait a year after expiration before requesting membership renewal, at which time they will be placed at the bottom of any waiting list. Those who resign but don’t want to wait a year before requesting membership renewal, also will be at the bottom of any waiting list.

• An amendment to the bylaws will allow committee chairs to reach an agreement and arrange times for the executive vice president to attend meetings, “basically in line with what we’re doing now,” said Kolter. The previous role required committee chair to send agendas prior to meetings, and “this wouldn’t happen,” she says.

• Lindsay J. Rodriquez was elected unanimously as SAC’s vice president of public relations, following a year in which she had been the interim vice president.

SAC bylaws had not allowed Rodriquez to be elected to the full office until she finished her first year as a SAC member. She is Cooler program coordinator at the Swanson School of Engineering’s Department of Bioengineering.

• SAC will hold its next new member orientation at noon Oct. 14 in the William Pitt Union.

• SAC officers are planning to meet with Chancellor Patrick Gallagher in October.

• SAC members will take part in Pitt Day of Caring on Oct. 2ぼto help support the University’s Human Services’ Oakwood Food Pantry.

• According to Executive Vice Provost Monica Cedovit, SAC now is working with Institutional Advancement to put a new bench on campus to honor staff achievements. The bench prospectus has been in the works for two years.

—Marty Levine

Pitt drops in QS world listing but maintains U.S. position

Pitt fell from No. 106 to rank No. 111 worldwide in the QS Top Universities 2020 World University Rankings. Pitt placed No. 32 among American universities, the same as in 2019. MIT ranked No. 1 in the annual global ranking, released last week. Cambridge and Imperial College London tied at No. 2, followed by Harvard at No. 4 and Oxford and University College London tied at No. 5. Stanford, Caltech, Princeton and Yale rounded out the top 10.

QS Quacquarelli Symonds, a global provider of specialist higher education and careers information, has produced the world rankings each year for the past decade. This year’s list ranks the world’s top 800 institutions. Rankings are based on:

• Academic reputation (40 percent) using a global survey in which academics were asked to identify where they believed the best work in their field of expertise is taking place.

• Employer reputation (10 percent) using a global survey in which employers were asked which universities produce the best graduates. Pitt was ranked among schools placing No. 401 and not individually ranked in the QS world rankings.

CONTINUED ON PAGE 5

Managing Research Data: Challenges & Opportunities at the University

Thursday, October 23

Noon – 3 pm

Assembly Room, William Pitt Union

11:50 Doors open/Complimentary Buffet Lunch

12:15 Opening of the Plenary/Introduction of Chancellor

Michael B. Spring, President, University Senate

12:20 Welcoming Remarks

Patrick D. Gallagher, Chancellor

12:40 Keynote Introduction

12:45 Keynote: Liz Lyon, Visiting Professor, School of Information Sciences

“Gearing up for Data? Institutional drivers, challenges and opportunities”

1:30 Introduction to Panel Discussion

1:35 Panelists respond to keynote

Kelly Donnini-Kiss, Director, Education and Compliance Office for Human Subject Research

Barbara Epstein, Director, Health Sciences Library System

Jay Graham, Entrepreneur, Architectural, Computing Services and Systems Development

Jennifer Woodward, Associate Vice Provost for Research Operations

Michael J. Becich, Chairman, Department of Biomedical Informatics

Alison Langmead, Director, Visual Media Workshop, History of Art and Architecture and Assistant Professor, School of Information Sciences

2:05 Moderated discussion by the panel

2:30 Open to Audience

2:45 Closing Remarks

Patricia E. Beeson, Provost and Senior Vice Chancellor

To read materials in advance go to: www.univsenate.pitt.edu/research-data-management

ALL FACULTY, STAFF & STUDENTS ARE INVITED TO ATTEND

The Senate of the University of Pittsburgh Fall 2014 Plenary

Managing Research Data: Challenges & Opportunities at the University

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ALL FACULTY, STAFF & STUDENTS ARE INVITED TO ATTEND
We’re with you.

technology.pitt.edu 24x7 TECH HELP
SOFTWARE DOWNLOADS  my.pitt.edu
lynda.pitt.edu ONLINE TECH TRAINING  50 GB OF CLOUD STORAGE  pitt.box.com

Information Technology
COMPUTING SERVICES AND SYSTEMS DEVELOPMENT
Black Confederate Ghost Story

Attention African-American apparitions hung, burnt or drowned before anyone alive was born
please make a terrifying midnight appearance before the handcuffed standing on the nook
this morning with a beard as wild as Walt Whitman’s.

Except he is the anti-Whitman, this white man
With confederate pins littering his desert cap and jacket.
(And by ‘morality’ I mean scree the shit out of him.)

I wish I were as tolerant as Walt Whitman
Walking across the battlefield like a song
Covering a sty of distress, but I want to be a storm
Covering a confederate paradise. The landman’s insistence that there were brigades of black
Confederates is as asynonymous as terms the
‘Civics war’ or ‘free slave.’ It is the opposite of history.

Goodbye plantations doused in Sherman’s fire
And handsome lonesome women wepping
Over blue and grey bodies. Goodbye colored ghosts.

You could have headed north if there was a south
To flee. In Louisiana south will begin with Mississippi,
As far as I know East is Alabama, west is Texas,
And here is this fool telling me there were blacks
That fought to preserve slavery. Goodbye slavery.
Hello black accomplices and accomplices blacks.

Hello Robert E. Lee bobble head doll
On the bandsman’s dashboard whispering Dixie
Across our post racial country.
Last night
I watched several hours of television and saw
No blacks. NASDAQ NASDAQ. Needs Black.

I wish there were more ghost stories
About trusted negroes haunting the mobes
That hunted them. Do I believe the one among us
Was alive between 1861 and 1865?
I do and I don’t. We all have to go somewhere
And we are probably always already there.

I know only one ghost story featuring a brother
In Carrollton, Alabama, dragged to the center of town
In a storm for some crime he didn’t commit.

As he was hung lightning struck a window
On the courthouse he has been hanging ever since.

Attention apparitions: this is a solicitation
Very much like a prayer. Your presence is requested tonight when this man is polishing his civil war relics
And singing “Good Old Rebel Soldier” to himself.

Hello sliding chair. Hello vicious whispering shadows.
I’m a reasonable man, but I want to be as inexplicable
As something hanging a dozen feet in the air.

*Oh, I’m a good old Rebel soldier, now that’s just what I am; For this Fair Land of Freedom* I do not give a damn! I’m glad I fit against it, I only wish with all my heart, And I don’t want no parsons for anything I done.

Cocktails with Orpheus

After dark, the bare full of women past of me loves—the past that stood
Naked inside the window of Miss Geneva, recent divorces who owned
A gun. Miss Geneva where you are now—Orpheus says she did
Not perish, she was not turned to ash in the brutal light, she found a
Good job, she made good money, she had her own insurance
And a house, she was a decent wife. I wish decent lives in the womb.

The bar noise makes a kind of silence. When Orpheus hands
Me his sunglasses, I see how fire changes everything. In the mind
I am behind a woman whose skirt is lifted above her hips, as bound
As touch permits, saying don’t forget me when I become the liquid
Out of which names are born, salt-milk, milk-sweet and animal made.

I want to be a human above the body, unrooted and right, a fold
Of pleas released, but I am a black wound, what’s left of the deed.

Poetry by MacArthur winner
& Pitt English professor TERRANCE HAYES

Wigphrastic — after Ellen Gallagher

Sometimes I want a built-in scalp
That looks and feels like skin. A form of camouflage,
Protection against sunburn and frostbite.
Healthy skin that covers the nightmares and keeps me civilized.

Somebody slap a powdered wig on me I can hammer
A couple sentences like Louis XIV small and bald
As a tattooed egg making himself taller by means
Of a towering wigpiece resembling a Corinthian column
Or maybe a sky-skraping Kid with no Play wig
Worn by someone playing Negro Wit Attitude
At a penthouse party with no Black people.

We up in the club humming ‘Hove—men, Hey Mama
And our nonsensical caps underscore the brain’s captivity.

Somebody slap me. No man’s Mather’s essay,
The White Negro: Superficial Reflections on the Virgin,
Never actually uses the word wiggre. I’d rather say wax.
It may be fruitful to consider me a philosophical psychopath.

We clucking in our wigs of pless and pathological coudis—wounds—shoulde. Oil on oil.
Some of the ladies are wig of Nos and nous,
Knots of ruts: do rats, cans, ambits rats.
Wigs dipped in dye the colours of Cosmopolitan,
Brown, whether smirring on their scalps, off their scalps,
Sides of scalps, their centre parts, and ignited palms.

Fliray Bangs dangle below a drop clip of spackle.
A half places her bow about face to place her face in place.
Which is a placebo of place, her face is a placebo.

Let’s wear ready-made wigs, custom-made wigs,
Hand-tied wigs and machine-made wigs.
‘No Negro can anchor down a street with any real certainty
That violence will not visit him,’ wrote Mailer.

Bullets shots through the darkness. Dumb people are dangerous.
Comical poms come out of the woodwork
And start to puddle their own causes.
This was a white dude’s response to the death of Martin.
Later let’s beat that shanty wig off him.

You wear the shark-head wig and I’ll wear the wig of tideswater
Rising to the ceiling. You wear the buckaroo wig
And I’ll wear a wig of tumbleweed. When anyone says,
You look beautiful, reply: ‘I feel beautiful’
Like the beautiful shoulder length locks
Shorn from a cancer stricken bride in need of money.

Let’s get higher than God tonight like the military wives
Of Imperial Rome smiling in the blonde and red-haired wigs
Cut from the scalps of enemy captives. Somebody slap me.

We swarm in lamps watching the成本 cul.
cans col, cans col, cans cul on the gills.

Nomip slip polyeurathane patches, superfine lace,
His wigs, Clopatas wigs, Big Boothe Judy wigs
Under the soft radar styled minic of Hymen’s
Singing ‘The men all pause when I walk into the room.’

The men all paws. Animals. The men all fangles,
The men all wolf-woofs and a little bit lost, lost,
Instinct, trustless, restless as the rest of us.

In my life the wigs eat me. The wish to live awhile on the mind
Of another human is not insanum. The wish to slide
For a while inside another human, is it not insanum.
If you like ‘the’ like I like ‘the,’ you should wear a hairpiece.
If it is pain of mind. It is afloat. It is a light wall, heathen, comfortable, close and warm, virtually looking and feeling with virtually no side effects. Let me hear you say:

This wig is terrific! A coloured despair wig
For your coloured despair, an economic despair wig,
A sexual despair wig, a wig for expensive despair,
A political despair, a moveable halo. New and improved,
your wig can be set upon the older wig
just as the older wig was set
when it was new, upon the wig beneath it.
Where’s your wig? Wear your wig. Your wig is terrific.
Provost delays IP form deadline

CONTINUED FROM PAGE 1

The task force, which initially met last week and was scheduled to meet again this week, includes representatives of Faculty Assembly, including TAPC members, and other researchers from throughout the University community. The group was given a Sept. 30 deadline to make recommendations.

Ken Service, vice chancellor for communications, told the University Times that the provost intends to move quickly on revising the IP assignment agreement after receiving the task force’s input.

Spring, a task force appointee, said the group is dealing narrowly with the issue of how the University handles the assignment of IP discoveries, not with Pitt’s IP policies themselves, which have been in place for more than a decade.

Spring maintained his opinion that the IP assignment agreement does not alter existing University policy. “This is about avoiding a situation in which a faculty member inadvertently and unintentionally assigned IP away to a company,” he said, acknowledging that there is disagreement about Stanford v. Roche.

“[If we were] committing to something new or taking away something we’d agreed to, I would be more concerned,” Spring said, acknowledging that the wording of the IP rights assignment, intended to be brief, instead was perceived by some as terse and complicated by standard legal wording that some faculty found off-putting. With a careful reading, “It’s really pretty vanilla,” he said.

Spring said opinions around the table diverged at the task force’s initial meeting last week. “I believe the list included every faculty member around the room,” Spring said of the provost. “I think that she is listening very carefully.” He was optimistic that the issues can be resolved.

Spring added that the separate issue of University IP policy itself is one that the Pitt administration has expressed interest in reviewing, with an eye toward facilitating innovation.

“If we’re going to disseminate knowledge as we should... it may be that our current policy is not optimally aligned to meet these goals,” he said, adding that a Senate-administration joint committee is being discussed and could be formed this year.

Such a policy review could take as much as a year or more, Spring said.

“The broader issue involves collecting a lot of data. That just takes time.”

—Kimberly K. Barkow

Faculty and staff representatives have been named to the search committee for a new University Library System director.

In an electronic ballot conducted Aug. 26-Sept. 10, the University Senate elected Mark Lynn Anderson of the Dietrich School of Arts and Sciences/Department of English; Sheila Covert of the School of Information Sciences; and Andrew Strain of A&S/Department of Anthropology, to fill faculty seats on the USLS director search committee.

The Staff Association Council named USLS staffer Joshua Y. McAllister-Ertickson as its representative on the committee.

The full committee roster has not yet been finalized, a Provost’s office representative told the University Times.

Rush Miller, who has served as USLS director and Hillman University librarian since 1994, announced in June that he would retire Dec. 31.

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USL search committee being formed

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www.utimes.pitt.edu
In the Lougheed Senior Care Unit at the University of Alberta Hospital, a few doors down from Emeritus Professor of Law Nathan Herzberg, another guest is busy helping out in the department. He calls out every five seconds, sometimes as if he were standing on a lottery ticket.

After an employee stops him in his doorway to ask what can be done, there is no answer. Apparently, there’s no emergency — the man begins to scream to shoot again. Clearly his distress runs deeper than the monetary need.

Nassim Hershey’s daughter Madeline is putting on a show to calm people, and it’s something to avoid at all costs.

Is that guy yelling? I wonder how he feels right now? His concentration, to the extent I have any, is on knowing what’s going on. His encounters that will emphasize his lack of, I guess you’d call it consciousness.

And with that respect, I’d like to be able to make the decision on my own as to when to stop, or whatever you’d like to call it.

Madelene is in the midst of re-reading her father’s essay the essay she published in the Post-Gazette a few weeks before, written with the help of an assistant. Hershey asks her to slow down at times. He is having some trouble catching the meaning of lines he has marked.

“I cannot manage to die,” the piece says. I would prefer to be in life to end at a time of my choosing, but I cannot make decisions to do so without help, I began. I don’t want to do it in a way that will bring me unnecessary stress to anyone would choose to cooperate with me.

Due to the progression of my Alzheimer’s disease, the permanent effects of a stroke, my capacity to plan and communicate is severely impaired. I rely on the help of my daughters … My intelligence and autonomy have been almost entirely lost. I am not capable of making decisions about my life. To exist in such extreme dependency today is agonizing for me.

Despite his condition, which includes cognitive heart failure and memory loss, his daughter is a good candidate to be in good physical condition. She is still a good candidate to be in good health.

In the meantime, I would advise to those with Alzheimer’s disease who have an advanced directive. It instructs his family, doctors and those close to him to provide necessary medical care, and to help carry out his wishes.

This is the case with the last things he said, which is not precisely how it was left.

Live less long, less your voice will be heard. No decision will be made that will be heard, his article concluded.

Just two years ago, this month, Peter Schuck, a law professor of Law Nathan Herzberg, was asked to help. He calls out every five seconds, sometimes as if he were standing on a lottery ticket.

After an employee stops him in his doorway to ask what can be done, there is no answer. Apparently, there’s no emergency — the man begins to scream to shoot again. Clearly his distress runs deeper than the monetary need.

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Bellet Teaching Awards Call for Nominations

From October 1 through October 31, 2014, the Kenneth P. Dietrich School of Arts and Sciences will accept nominations for the 2015 Tina & David Bellet Teaching Excellence Awards. These annual awards recognize extraordinary achievement and innovation in undergraduate teaching. Winners receive a one-time stipend of $5,000.

Eligibility Requirements

- Must be a Dietrich School of Arts and Sciences faculty member with a regular full-time appointment who teaches undergraduate students
- Must have taught for at least three years on the Pittsburgh campus
- Must receive three or more nominations

Eligible nominees will be notified and invited to submit a dossier for further consideration by the Bellet Awards committee.

Faculty and students may submit nomination letters to Dietrich School Associate Dean for Undergraduate Studies John A. Twining at asundergrad@as.pitt.edu or 140 Thackeray Hall.

For more information, contact Carol Lynch at clynch@pitt.edu or visit our Web site at www.as.pitt.edu/teaching/bellet.
Wednesday, 1 October through Friday, 3 October

3:00 p.m.  CAREER SYMPOSIUM FOR POSTDOCS AND GRADUATE STUDENTS: EXPLORING YOUR PASSIONS AND RECOGNIZING YOUR POTENTIAL  
UNIVERSITY CLUB, BALLROOM B  
121 UNIVERSITY PLACE  
This interactive workshop, presented by the Office of Academic Career Development, Health Sciences and the University of Pittsburgh Postdoctoral Association, is designed to bolster the professional development of postdoctoral fellows and graduate students by providing practical insight for discovering emerging opportunities in today's job market. The featured guest speaker, Jon Kowalski, PhD, of McKesson & Company, will be joined by professionals from science-related fields who will facilitate roundtable discussions about career prospects in a variety of settings.

3:30 p.m.  REGISTRATION  
ALUMNI HALL Foyer, 1ST FLOOR  

4:00 p.m.  MICHAEL G. WELLS ENTREPRENEURIAL SCHOLARS LECTURE  
SCIENCE LECTURE HALL, 3RD FLOOR  
INTRODUCTION OF SPEAKER: Michael G. Wells  
KEYNOTE SPEAKER: Rudy Muzoccochi, CEO, ELINZA Inc.  
The Entrepreneurial Journey

4:45 p.m.  MICHAEL G. WELLS STUDENT HEALTH CARE ENTREPRENEUR COMPETITION WINNER ANNOUNCEMENT  
SCIENCE LECTURE HALL, 3RD FLOOR  
PRESENTERS: Marc T. Malenfant, PhD, and Michael G. Wells  
This exciting competition for PhD students and their unique technologies is in its fourth year. The winner will receive $10,000 to further the project toward commercialization.

5:00 p.m.  OPENING RECEPTION AND TECHNOLOGY SHOWCASE  
J.W. CONNOLLY BALLROOM, 1ST FLOOR  
All Science 2014 registrants are invited to this eagerly anticipated Opening Reception, featuring the highly popular Technology Showcase of innovative new technologies recently developed at Pitt that are now available for licensing. It’s a first look you shouldn’t miss out on and includes technologies that have received development funding and mentorship from the Quaker Translational Research Partner’s Program and the Center for Medical Innovations.

6:00 p.m.  SCHEDULE OF EVENTS

THURSDAY, 2 OCTOBER

8:00 a.m.  REGISTRATION  
ALUMNI HALL Foyer, 1ST FLOOR  

9:00 a.m.  SPOTLIGHT SESSION 1: GUT FEELINGS (AND OTHER RESPONSES FROM OUR MICROBIOMES)  
SCIENCE LECTURE HALL, 3RD FLOOR  
MODERATOR: Michael J. Meyerson, MD  
- Stephen J.D. O’Keefe, MD, PhD—Change Your Diet, Change Your Colon Cancer Risk  
- Aaron P. Mitchell, PhD—Pulse of Engagement: Pathogen Gene Regulation During Invasive Infection  
- Andrew M. Bronstein, MD, PhD—The Large Microbiome: Fact or Fiction?  
- David G. Slavin, MD—Inflammatory Bowel Disease: The Microbiome and Chronic Gut Inflammation

SPOTLIGHT SESSION 2: HUMAN AS COMPUTER/COMPUTER AS HUMAN  
ROOM 531  
MODERATOR: Gregory Cooper, MD, PhD  
- Nathan N. Urban, PhD—Brain versus Computer: The Posts List  
- Wei Wang, MD, PhD—The Evolving Human: A Third Hemispheric A Co-Process? Synapses in Brain-Computer Interaction and Impact for Health and Rehabilitation  
- Parikhjee Tikhe, PhD—From Science to Practice: Can Computers Help with Disease Management?  
- Armstrong (Bartl) Netl, PhD—Computer as Scientist: Automating Biomedical Research through Active Machine Learning

SPOTLIGHT SESSION 3: THE SCIENCE OF BEING GREEN  
ROOM 532  
MODERATOR: Eric Blackburn, PhD  
- Susan Garner-Rose, PhD—Ultraviolet Mitigation Spectroscopy of Ionic Liquids: Probing the Molecular States of CO2 Scrubbing  
- Vikas Khatri, PhD—Measuring the Greenness of Bioenergy: Why and How?  
- Melissa Bledsoe, PhD—Sustainable Health Care: A Paradox or a Possibility?  
- Emily M. Elliott, PhD—The Much Green: Excess Nitrogen in Urban Environments

10:30 a.m.  EXHIBIT BREAK  
J.W. CONNOLLY BALLROOM, 1ST FLOOR

11:00 a.m.  PLENARY SESSION 1: DICKSON PRIZE IN MEDICINE LECTURE  
AUDITORIUM, 7TH FLOOR  
WELCOME: Patrick D. Gallagher, PhD  
INTRODUCTION OF SPEAKER: Arthur S. Levine, MD  
KEYNOTE SPEAKER: Jeffrey I. Gordon, MD  
A Microbial View of Human Development: The Gut Microbiota and Childhood Undernutrition

12:30 p.m.  LUNCHTIME LEARNING 1: SHALE GAS EXTRACTION: SHOULD WE OR SHOULDN'T WE?  
ROOM 531  
MODERATOR: Donald G. Shriver, MPA, MS  
DISCUSSIONS: Loren A. Anderson, Bruce R. Rittle, PhD, and Rachel D. Tolson, PhD  
1:00 p.m.  POSTER SESSION 1  
J.W. CONNOLLY BALLROOM, 1ST FLOOR  
Basic Life Sciences—from Molecules to Mouse  
Translational Life Sciences—from Animal to Human to Community  
Physical Science and Engineering  
New Research Tools and Techniques
WEDNESDAY—FRIDAY, 1–3 OCTOBER

2:00 p.m.
SPOTLIGHT SESSION 4: SO WE HAVE THE SEQUENCE—NOW WHAT?
SCIENCE LECTURE HALL, 3RD FLOOR
MODERATOR: Philip E. Emper, PharmD

- Dietrich A. Stephan, PhD—Genome to Report: Variant Interpretation, Communication, and Clinical Action across Clinical Use Cases
- Adam Lee, PhD—Cancer Genomics: The More We Sequence, the More We Find
- Russell D. Schwartz, PhD—What Sequencing Can (and Can’t) Tell Us about Tumor Evolution
- Mario Chiche, PhD—Gene Function in Animals: Can’t Explain Everything

SPOTLIGHT SESSION 5: “SEEING” THINGS IN NEW WAYS
ROOM 532
MODERATOR: Donna Bear Stolz, PhD
- Chika Chennamsetti, PhD—Computational Pathology To Ravel Molecular Origins of Human Epithelial Malignancies
- Prithwa Sarker, PhD—Visualizing Sickle Cell Disease through the Lense
- Marcel Schaefer, PhD—Fluorescent Activating Protein-Based Measurement and Manipulation of Complex Biological Processes
- Anthony Kenobi, PhD—“Seeing” Cystic Fibrosis in a New Light: Emerging Trends in Research and Practice

SPOTLIGHT SESSION 6: WHERE DOES CANCER COME FROM?
ROOM 531
MODERATOR: Bennett Van Heuken, PhD
- Mai Zhang, PhD—What Happens When Powerful, Good Cells Go Bad?
- Thomas W. Kenoyer, PhD—Environment Matters: Changing Ripples of Cancer in China
- Frederick J. O’Brien, PhD—Switching Tactile Maintenance Pathways by Altering Histone Transfer
- Patrick Moore, MD, MPH—Cancer Vincers and What They Tell Us about Protein Processing

3:30 p.m.
EXHIBIT BREAK
J.W. Connolly Ballroom, 1st Floor

4:00 p.m.
PLENARY SESSION 2: PROVOST LECTURE
AUDITORIUM, 7TH FLOOR
WELCOME AND INTRODUCTION OF SPEAKER: Patricia E. Bessone, PhD
KEYNOTE SPEAKER: Jonathan M. Rothberg, PhD
The Development of High-Speed DNA Sequencing: Revolution, Moore’s Law, and You

5:00 p.m.
UNDERGRADUATE RESEARCH POSTER RECEPTION
J.W. Connolly Ballroom, 1st Floor
At a special reception open to all Science 2014 registrants, undergraduates from across the University will exhibit faculty-supervised poster presentations in basic science, medicine, and engineering.

FRIDAY, 3 OCTOBER

8:00 a.m.
REGISTRATION
ALUMNI HALL FOYER, 1ST FLOOR

9:00 a.m.
SPOTLIGHT SESSION 7: IT’S IN THE BLOOD
ROOM 531
MODERATOR: Patrick Pagano, PhD
- Solomon Sher-Azquinza, PhD—Forecasting Aversion Flooding from a Rising DAPM in Blood
- Gregory J. Kolar, MS—Is It Possible in the Iron City to Have Too Much of a Good Thing?
- Mark Gladue, MD—Nitric Oxide Signaling and Dysregulation in Sickle Cell Disease
- Carl David Rutledge, MD, PhD—Iron Shortage in the Steel City: Efforts on Red Blood Cell Production

SPOTLIGHT SESSION 8: MAKE IT ON A 3D PRINTER—ADDITIVE MANUFACTURING FROM PROTOTYPE TO PRODUCTION
ROOM 532
MODERATOR: Mark Reidenbahn, PhD
- Brian Johnson, PhD—Exploiting the Potential of Additive Manufacturing for Component Repair
- Prashant N. Kamat, PhD—3D Printing of Degradable Metals: A Platform for Medical Devices
- Albert C. Ts, PhD—Expanding the Horizon of Mechanical Design by Integrating 3D Printing, Lattice Structure, and Computational Micromachining
- Markus Cermak, PhD—Microstructural Characterization and Mechanical Properties of 3D Printed Structures

SPOTLIGHT SESSION 9: ON AGAIN/OFF AGAIN THROUGH EPIGENETICS
SCIENCE LECTURE HALL, 3RD FLOOR
MODERATOR: Patricia Grzybek, PhD
- J. Richard Tomlin, MD, PhD—Epigenetic Inheritance by Nongenetic Means
- Khabir Ilyas, PhD—Epigenetics and Chromatin: “Cool Couplings” for Switching Genes “On” and “Off”
- Dennis Knoblauch, PhD—Modulating Epigenetic Changes during Tissue Development and Differentiation
- Li Lan, MD, PhD—A Novel Method To Visualization the Response to DNA Damage at a Specific Genome Location

10:30 a.m.
EXHIBIT BREAK
J.W. Connolly Ballroom, 1st Floor

11:00 a.m.
PLENARY SESSION 3: MILLION LECTURE
AUDITORIUM, 7TH FLOOR
WELCOME AND INTRODUCTION OF SPEAKER: Arthur S. Levine, MD
KEYNOTE SPEAKER: Stuart H. Orlin, MD Bringing Genetics and Epigenetics to the Fold: Adult Hemoglobin Switch

12:30 p.m.
LUNCH & LAST CALL FOR EXHIBITS
J.W. Connolly Ballroom, 1st Floor

LUNCHTIME LEARNING 2: SUSTAINING SCIENCE FUNDING
ROOM 535
MODERATORS: Patricia E. Bessone, PhD, and Jeremy Berg, PhD, MS

1:00 p.m.
POSTER SESSION 2
J.W. Connolly Ballroom, 1st Floor
Basic Life Sciences—From Molecule to Mouse
Translational Life Sciences—From Animal to Human to Community
Physical Science and Engineering
New Research Tools and Techniques

2:00 p.m.
PLENARY SESSION 4: KLAUS HOFFMANN LECTURE
AUDITORIUM, 7TH FLOOR
WELCOME AND INTRODUCTION OF SPEAKER: Arthur S. Levine, MD
KEYNOTE SPEAKER: Janice Brooks-Gunn, PhD
X-Chromosome Inactivation as a Model for Epigenetic Regulation by Long Noncoding RNA

3:00 p.m.
EXHIBIT BREAK
J.W. Connolly Ballroom, 1st Floor

3:30 p.m.
SPOTLIGHT SESSION 10: STEM CELLS REMIXED
SCIENCE LECTURE HALL, 3RD FLOOR
MODERATOR: Eric Lagasse, PhD, PharmD
- Aleksandr Rupenieks, MD, PhD—EGG-Regeneration: Are Women and Men Really Wild?
- Vithalraj L. Nangia-Makker, MD, PhD—“Brassy” (PC5)-Derived Neurons
- Kyle E. Dray, PhD—Stem Cell Therapies for Male Infertility
- George R. Mitchell, MD, MPH—Liver Solutions to Slam Cells

SPOTLIGHT SESSION 11: GENE SORTING AND EDITING TECHNIQUES
ROOM 531
MODERATOR: Mark Azen, PhD
- Alexander (Sarah) S. Gerkin, PhD—Tricking of Fas in Gene-Edited Cells
- Lienert M. Treutli, PhD—TALEN-Edited Inhibitors: Turning Biochemists and Cell Biologists into Geniologists
- Araminta R. Subramaniam, MD—Dissecting Signaling Networks with the CRISPR-Cas9 Gene Editing System
- Robert W. Sobel, PhD—Knocking, Cutting, and Introducing Tweaking the Genome to Understand Genome Repair

SPOTLIGHT SESSION 12: DO I KNOW YOUR MOLECULAR RECOGNITION
ROOM 532
MODERATOR: David Waldock, PhD
- Alexander Delano, PhD—Expanding the Genetic Code: What It Could Have Worked on Sunday?
- Bruce Arnold, PhD—Alphattractin of Guanine Quadruplex Structures by Peptide Nuclease Antibodies
- Carter J. Gamache, PhD—One Click Drug Discovery Solutions among 50 Million Compounds for Preview and Download
- Craig Wilen, PhD—Forces of Life on Balance: The Molecular Ternary Balance

5:00 p.m.
CLOSING HAPPY HOUR
Foyer, 5th Floor
After three intense days of terrific science, it will be time to kick back and enjoy a bit of food and drink.
UPB prof presents McKean County offender study

Gregory Page, psychology faculty member at Pitt-Bradford, presented findings about McKean County offender characteristics to the American Psychological Association's annual convention last month.

Page examined the court records and judicial files of 258 defendants processed by the McKean County Court of Common Pleas during 2012. While preserving the anonymity of each defendant, he recorded age, sex, prior offenses, drug and alcohol use and/or treatment and other characteristics. He focused on a rural population since previous research has neglected to explore rural court systems. By examining court records, he was able to include defendants who were not incarcerated in addition to those who were incarcerated, thereby giving a more complete picture of the rural defendants.

Among the statistically significant correlations he discovered: Those who committed violent offenses tended not to use a weapon or use illegal substances during the offense. Those who committed a general criminal offense did not tend to have a previous domestic violence allegation or charge. Men were more likely than women to commit relationship offenses, violent offenses and general criminal offenses.

Page plans to expand the data set to include 10 years of data from McKean County criminal court in order to further examine trends or patterns in the rural population. He plans to share his initial and subsequent findings with McKean County President Judge John Perlock.

Project aims to turn world from AC to DC

Bipaya Bidanda, John Camullus and Gregory Reed think it might be time to redirect Pittsburgh's attention to direct current (DC), reversing the late 1800s battle won by Pittsburgh native George Westinghouse over Thomas Edison to base the country's electric power grid on alternating current (AC).

Using an $800,000 grant from the Henry L. Millikan Foundation, the three faculty members are approaching the promise of DC power from two distinct perspectives.

Reed, intern director of the Center for Energy director of the Swanson School of Engineer- ing's Electric Power Initiative and an electrical and computer engineering faculty member, will address DC technology after studying ways to convert the longstanding AC power grid to a DC grid. He believes DC has become a more efficient and logical way of addressing energy delivery needs, especially in the 21st century and beyond.

Noted Reed: "Your laptop runs on a few volts DC, but it has to be converted from AC by that box, the converter on the power cord. The same is the case for high-definition televisions, most appliances, cell phones, and other consumer devices and office equipment. Very few items today require three-phase alternating current. The use and development of today's evolving energy mix makes the transition to DC more sensible and viable for future power delivery needs."

He and members of his lab also are advancing research into high-voltage DC systems, which process the potential of developing a commercially viable high-voltage DC grid. "Both academia and industry have made great strides in DC technology development, which will be a game changer in modernizing and securing the nation's grid," he said. "We'd like to develop DC microgrids, commercial microgrids in residential developments, offices, commercial buildings and industrial facilities I've been working on this for more than a decade, and DC offers a much better match between energy transmission and use."

Over the next year, Reed's group will develop new DC concepts, designs and technology. He also hopes to find ways to engage the marketplace, both on industrial and consumer levels, in the project.

"The team is the Donald R. Boal Professor of Strategic Management in the Katz Graduate School of Business, and Bidanda, the Ernest E. Roth Professor and chair of the Department of Industrial Engineering in the Swanson school, will use the grant to address the potential of DC technology to positively impact the economy, the natural environment and the quality of life, especially for those at the lower end of the income spectrum."

DC technology fits into that project because it offers the potential of highly efficient, renew- able, green, distributed power generation that can support economic growth and renewal. They explored this in a major interna- tional conference they organized in Prague in October 2013 on "Emerging Low-Income Com- munities."

"Bidada: "Practically speaking, we're looking to show people why it's important, and possible, to use DC power to improve the lives of people who are less fortunate. One of the ways we're going to do this is to estab- lish DC-powered businesses — some here in Pittsburgh, especially Homewood, and others in India. We expect that both locations will greatly benefit from sharing locally developed technologies and methodologies."

Because most of our energy use is DC, it's much easier and less expensive to de- develop off-grid DC power storage on a local level, Bidanda said. For example, installing solar panels, storing some of that power in batteries, then using it to power a small village on DC could really change the idea of that village," he said. "It can be transformative. And even looking at long-distance transmission, it's beginning to become a more attractive alternative to AC."

Added Camullus: "DC is green. DC benefits the environment. Local, renewable energy genera- tion is naturally DC, not AC. And DC lighting and motors are vastly more efficient. These is enormous potential for businesses that take advantage of the economics and government incentives offered by DC. And shifting from AC to DC will be a rich source of jobs that we intend to use in Pittsburgh."

The three professors envision eventually installing a microgrid — a self-sufficient, geographically contained energy system — per- haps at a new housing develop- ment or a university campus. The grid would create electricity via solar panels, small wind turbines, fuel cells and gas-fired generators and store some of the power in batteries. The electricity would be delivered and used as DC, significantly reducing or even eliminating the need for conver- sion from AC to DC and thereby saving energy typically lost as heat in AC systems."

"We're not necessarily saying Edison was right," Reed said. "He wasn't in his time. But he is now."

Chemical biologist finds halogenation enzyme

Molecules containing carbon-halogen bonds are produced naturally across all kingdoms of life and constitute a large family of natural products with a broad range of biological activities. The presence of halogen substituents (molecules in which certain atoms have been replaced by a halogen) CONTINUED ON PAGE 15

Nominate an Outstanding Advisor for the Ampco-Pittsburgh Prize

From October 1 through October 31, 2014, the Kenneth P. Dietrich School of Arts and Sciences will accept nominations for the Ampco-Pittsburgh Prize for Excellence in Advising. This annual award recognizes outstanding faculty academic advising of Dietrich School undergraduate students. The winner receives a one-time cash award of $4,000.

Eligibility

- Must be a Dietrich School of Arts and Sciences faculty member with a regular full-time appointment
- Must have been a departmental advisor for at least three years on the Pittsburgh campus
- Must receive nominations from the department chair and from two or more current or former undergraduate advisees

Nominations

- Faculty and students may submit nomination letters to Dietrich School of Arts and Sciences Associate Dean for Undergraduate Studies John A. Twyning at 140 Thackray Hall.
- A letter from the chair of the department is required explaining the advising model used, the perspective on the nominee's advising appointment and caseload, and how the faculty member has demonstrated excellence in academic advising.
- A letter from at least two current or former undergraduate advisees is required describing how the faculty member's advice impacted the academic and career goals of the advisees.

Selection

The prize winner will be selected by the Dietrich School of Arts and Sciences Undergraduate Council and will be announced in spring 2015.

For more information, contact Taylor at elt3@pitt.edu or visit www.as.pitt.edu/teaching/ampco-pittsburgh-prize.
active compounds has a profound influence on their molecular properties. One of the Holy Grails in chemical science has been to find the late-stage, site-specific incorporation of a heterogen on a complex natural product, such as replacing an $\text{CH}_2$ bond with an amide group, using a $\text{C}-\text{H}$ bond, where $X$ is a heterogen. While this work was under way, led Lin and postdoctoral fellow Matthew Hillwig studied bacteria, creating new enzymes that are highly glycosylated. The $\text{WGO}$ protein is the first enzyme identified to have the capacity to replace the key transglycosylation reaction with a deglycosylated enzyme. Specifically, they determined this by studying the biogenesis of $\text{hapalindole}-\text{type}$ alkaloids with $\text{iodoiodine}$ ion in a single crystal.

**Genetic discovery yields test for aggressive prostate cancer**

A genetic discovery out of the School of Medicine is leading to a newly accurate test for aggressive prostate cancer and identifies new avenues for treatment.

**The analysis, published in the American Journal of Pathology, found that prostate cancer patients who had a single, low-risk mutation have a 91% chance of their cancer recurring. This research was funded by the National Institutes of Health (NIH), the American Cancer Society, and the University of Pittsburgh Cancer Institute (UPCI).**

Professor Jens K. Nørskov

Department of Chemical Engineering and Photon Science, Stanford University

Jens Nørskov is professor of chemical engineering and photon science and director of the SUNCAT Center for Interface Science and Catalysis at Stanford University and SLAC National Accelerator Laboratory. Jen obtained his PhD in theoretical physics at the University of Aarhus, Denmark in 1979. Following his PhD, he was a research fellow, post-doctoral researcher and staff scientist at several institutions including the Nordic Institute for Theoretical Physics, IBM T. J. Watson Research Center and Haldor Topsoe. In 1987 he joined the Technical University of Denmark as a professor of physics. In 2010 he moved to Stanford University and SLAC National Accelerator Laboratory. Jens Nørskov’s research aim is developing methodological and concepts to understand and predict properties of materials. He is particularly interested in the catalytic processes involved in combustion, catalysts (photo- and electro-catalysis), and applications in energy conversion. Jens Nørskov has received a number of awards and honors, most recently the Michel Boudart Award for the Advancement of Catalysis. He holds honorary doctorates at the Technical University of Eindhoven and at the Norwegian University of Science and Technology, and is a member of the Royal Danish Academy of Science and Letters and the Danish Academy of Engineering.

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**Catalysis for Sustainable Energy**

**Thursday, October 9, 5:00 pm (Reception follows)**

**102 Benedum Hall**

Essentially all sustainable energy systems rely on the energy influx from the sun. In order to store solar energy it is most conveniently transformed into a chemical form, a fuel. The key step is the provision of an efficient transformation of energy from a chemical source to the availability of suitable catalysts, and we will need to find new catalysts for a number of processes if we are to successfully synthesize fuels from sunlight. Insights into the way the catalysts work at the molecular level may prove essential to speed up the discovery process. The lecture will discuss some of the challenges to catalyst discovery, the associated challenges to science as well as some approaches to molecular level catalyst design. Specific examples will include the photo-electrochemical water splitting and carbon dioxide reduction reactions.

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**In Search of the Catalyst Genome**

**Friday, October 10, 9:30 am**

**102 Benedum Hall**

The instructions for the catalytic properties of a material, sometimes termed the catalyst genome, ultimately lies in its electronic structure, which, in turn, is defined uniquely by the crystal structure. The reason for this composition is that the material is “fossilized” in the genome and the genome is as old as heterogeneous catalysis science itself. Structure-functional relationships have been studied extensively as has electronic structure calculations and spectroscopic data. The problem is that the link between this functional (structure) and electronic properties is still quite rudimentary. I will discuss efforts to define suitable descriptors of catalytic activity and selectivity using processes of interest in energy conversion to illustrate the approach.
RESEARCH NOTES
CONTINUED FROM PAGE 13
exposures pose risks to health, they also may be leveraged to improve health.”

Said Pranam, a faculty member in medicine, pediatrics and clinical and translational sciences in the School of Medicine: “Interest, social media, television, films, music and video games are all examples of media and technology that can affect our health and wellness. These exposures may have positive or negative influences, and educational and policy-related interventions may be effective at buffering negative influences and bolstering positive ones.”

CRNTH faculty and staff will collaborate with numerous schools and centers, including nursing, pharmacy, dental medicine, public health, health and rehabilitation sciences, social work and the Health Policy Institute.

In addition to performing research and developing and testing interventions, CRNTH will include an educational component for health sciences students about the impact of media and technology on health.

CRNTH is funded by NIH, the Agency for Healthcare Research and Quality, the ABMRF/The Alcohol Research Foundation, UPCI and the Health Policy Institute.

Vaccine proves effective against MERS virus

A vaccine developed by an international team of scientists led by the MERS of Medicine successfully protects mice against a contagious and deadly virus spreading across the Middle East. The vaccine is a promising candidate for immunizing humans, thought to be the source of human infection.

Details of the new immunization against Middle Eastern Respiratory Syndrome (MERS) were published online and will appear in an upcoming issue of Vaccine.

Said senior author Andrea Gambotto, a surgery faculty member: “MERS poses an emerging threat worldwide and has infected people in several Middle Eastern countries, with some unwittingly bringing the virus to other countries, including the U.S., through air travel.”

However, scientists now believe that vaccinating camels against MERS, we may be able to reduce transmission to humans and stave off the spread of this deadly virus.

There have been 837 cases of MERS continued to date, including 291 deaths. According to the World Health Organization, symptoms include fever, cough and shortness of breath, with respiratory failure in severe illnesses. However, some people can be infected and develop symptoms, despite being contagious and spreading the virus to others.

However, the immune system of MERS that match human strains have been isolated from camels in the Middle Eastern countries where MERS is spreading, where the animals are farmed for transportation and as a food source.

Gambotto and his colleagues created a vaccine that targets a characteristic protein found on the surface of the MERS virus. The vaccine primes the immune system to detect the protein and fight the virus.

The team infected mice with the vaccine and gave them boosters through the nose three weeks later. All the immunized mice had antibody responses against the MERS protein.

“This time the vaccine is effective in mice, we believe it will work testing in camels so we can determine if they have a similar immune response,” said Gambotto. “If we can protect camels against MERS, we may make it so difficult for MERS to infect people that their threat to the human population is significantly diminished.”

Additional Pitt authors on this research were Eun Kim, Kaoi Okada and Tom Kato.

In June, researchers from the Ethereum Medical Center, Rotterdam in the Netherlands, the Supreme Council of Health in Qatar and the Ministry of Environment in Qatar.

New concussion test created here

Researchers at the University of Pittsburgh and UPMC have created a new, 5 to 10-minute test that could be added to a clinician’s concussion evaluation toolkit for a more comprehensive assessment of injury.

In a recent study published online by the American Journal of Sports Medicine, the researchers found that the UPMC sports medicine concussion program demonstrated that clinicians could use the novel vestibular/ocular/motor screening (VOMS) examination to accurately identify concussion.

The VOMS, which requires minimal equipment and takes a minute and a metronome, was shown to be a valid and consistent tool to enhance the current multidisciplinary approaches to concussion assessment that include clinical examination, symptom evaluation and computerized neurocognitive testing.

Previous research conducted at UPMC identified the vestibular ocular system — responsible for integrating vision, balance and movement — as being the most predictive of longer outcomes and lasting cognitive dysfunction.

However, the researchers reported, most current evaluations and management of vestibular issues focus on balance, potentially missing important pieces of the concussion puzzle. In fact, the ideal assessment of concussion (SACC), sport concussion assessment tool-3 (SCAT 3), balance error scoring system (BESS), and similar tests fail to both completely evaluate the vestibular system and measure ocular-motor dysfunction, researchers found.

said principal investigator Anne Mosch, adjunct instructor in the School of Health and Rehabilitation Sciences and concussion program clinical coordinator for vestibular therapy: “We were afraid that important findings were being missed in many patients following their concussions because we just didn’t have the right tool to measure this part of the injury. Current assessments didn’t reflect what was going on in the brain, and we were missing critical aspects of their recovery.”

Mandatory concussion testing was implemented at UPMC in 2007 and has become standard in the concussion management process.

New York Concussion Institute and the National Center for Sports Medicine at the University of Pittsburgh, the researchers said, are developing the test. The research is not yet available at any other institutions.

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PCPs accepting model to improve diabetes care

Nurses certified in diabetes education can be integrated successfully into primary care physician offices in an effort to improve the care of people with diabetes, according to a Graduate School of Public Health evaluation funded by the American Diabetes Association.

The determination was made following enrollment and initiation of the REdesigning MEDica- tion Intensification: Effectiveness Study for Diabetes (REMEDIES 4D), an ongoing trial to assess the effectiveness of certified diabetes educators in managing diabetes. The research was published in Contemporary Clinical Trials.

Said principal investigator Janice Zigbi, epidemiology faculty member in public health: “The vast majority of people with diabetes are seen by primary care physicians who have increasingly limited time to address the complexities of each patient’s care. A new model of care is necessary to better treat the growing number of people with diabetes.”

The REMEDIES 4D trial included 240 participants from 15 UPMC primary care practices, consisting of 37 physicians and two physician assistants. Eight of the practices were randomly assigned to receive a certified diabetes educator who provided treatment for glucose, blood pressure and cholesterol control, diabetes education and follow-up to patients. The remaining practices served as a control group and proceeded with their usual care.

A certified diabetes educator is a trained nurse who works with diabetic patients and reviews their test results and medications, as well as their efforts to control diabetes through lifestyle changes. This nurse is certified to make therapeutic adjustments, such as changing medications when needed. She or he also can educate the patient about managing diabetes and help with emotional issues, such as fear of needles or diabetes-related depression.

“The certified diabetes educator’s main focus is staying on top of managing patients’ diabetes,” said Zigbi. “This could help prevent long-term diabetes complications, such as blindness and amputation, because the certified diabetes educator may be able to address care issues faster than the physician.”

Although the clinical trial pays for the cost of the certified diabetes educator provided to participating practices, Zigbi said there are ways to make the cost of a burden to other practices interested in implementing the model, such as slashing a certified diabetes educator or completing requirements for insurance reimbursement.

The REMEDIES 4D trial will include an economic evaluation to determine the cost-effectiveness of certified diabetes educators, both to primary care providers and society.

“In addition to helping patients, we’re finding that the presence of the certified diabetes educator in primary care practices also is a resource to physicians and office staff with diabetes-related questions,” said Zigbi. “So far, it seems like this model of diabetes care is well-received in primary care physicians’ offices. It will be interesting to see whether it proves to be a cost-effective way to manage the diabetes epidemic that is becoming an increasing burden on the U.S. health system.”

Additional Pitt researchers on this study were Shubhank Kishor, Patricia Gittinger, Debora Viles and Maura Maloney. Also contributing were researchers from UPMC and the Charles R. Drew University of Law in Los Angeles.

Heart risk from fat to vary by race, ethnicity

A man’s likelihood of accumulating fat around his heart — an important indicator of heart disease risk — may be better determined if doctors consider his race and ethnicity, as well as where on his body he’s building up excess fat, reveals an international evaluation led by the Graduate School of Public Health.

The public health analysis could mean tailoring exercise regimens based on a man’s ethnicity.

The findings, published online in the International Journal of Obesity, indicate that it may be useful to take into account racial and ethnic differences when designing programs to reduce obesity because what works for one man might not be as beneficial for another.

Said lead authors Sanam R. El Khoudary, faculty member in epidemiology; “If you are an African-American man and carry excess weight mainly around the mid-section, then you have a higher likelihood of more fat around the heart than if you gain weight fairly evenly throughout your body. But the reverse is true for Korean — their heart disease risk is greater with overall weight gain. Knowing this could help doctors specify the right physical training for each racial ethnic group to reduce their heart disease risk.”

El Khoudary’s analysis relied on data from the “Electron-beam Tomography, Risk Factor Assessment Among Japanese and U.S. Men in the Post-War World II Birth Cohort Study.” It is a population-based study of men enrolled between 2002 and 2006 who were ages 40-49 and free of cardiovascular disease, type 1 diabetes and other severe diseases at the time of enrollment.

The recent analysis took a closer look at 1,199 men in the study who were white or black from Allegheny County, Japanese-American from Hawaii, Japanese and Korean.

The study looked at the amount of fat around the heart called ectopic cardiovascular fat. Higher volumes of this fat are associated with greater risk of heart disease.

For white men, an increase in body mass index, or BMI, which is a measure of overall body fat, and abdominal fat are equally likely to indicate an increase in fat around the heart.

Black men who carry disproportionately more weight around their mid-section are at similar risk of having more fat around their hearts. Increases in BMI have lower impact.

Japanese and Japanese-American men also are at similar risk of having more fat around their hearts if they have more fat in their abdomen, with BMI having less of an impact.

Korean men with higher BMI’s have a higher likelihood of fat around the heart, whereas abdominal fat matters less.

“What we now need to determine is whether coexisting...
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efforts to reduce overall body fat or fasting the abdomen will actually decrease fat around the heart more in people of certain racial or ethnic groups, said Dr. Kwok. "Such a long-term evaluation could help in designing race-specific heart disease prevention strategies."

Other Pitt researchers involved in the study included senior author and principal investigator Akira Sekikawa as well as Emma Benias-Mitchell, Aiman ElAsaad, Maheen W. Evans and Lewis H. Kuller.
They were joined by colleagues from Korea University, the University of Hawaii, Shiga University of Medical Science in Japan, Los Angeles Biomedical Research Institute, Temple and Tokyo University School of Medicine in Japan.
This work was supported by NIH, the Korea Center for Disease Control and Prevention and the Japanese Ministry of Education, Culture, Sports, Science and Technology.

Unusual immune cell targets oral thrush
An unusual kind of immune cell in the tongue appears to play a pivotal role in the prevention of thrush, according to researchers at the School of Medicine, who discovered them.

The research findings, published online in the Journal of Experimental Medicine, might shed light on why people infected with HIV or who have other immune system impairments are more susceptible to the oral yeast infection.

Oral thrush is caused by an overgrowth of a normally present fungus called Candida albicans, which produces painful, white lesions in the mouth, noted senior investigator Sarah L. Gaffen, faculty member in dermatology and clinical immunology. The infection is treatable, but is a common complication for people with HIV, transplant recipients who take drugs to suppress the immune system, chemotherapy patients and babies with immature immune systems.

Said Gaffen: "In previous work, we found the cytokine interleukin-17 (IL-17), a protein involved in immune regulation, must be present to prevent the development of thrush. But until now, we didn't know where the IL-17 was coming from."

Typically, IL-17 is produced by immune T-cells that learn to recognize and remove a foreign organism after an initial exposure, known as adaptive immunity. But unlike humans, mice do not normally acquire Candida during birth and are considered immunologically naive to it.

When this researchers exposed the lab animals to Candida, their IL-17 levels rose within 24 hours despite the lack of a T-cell response. This suggested the immune system was innate, rather than acquired.

To find the cell responsible for IL-17 secretion, the investigators devised a way of applying a scientific technique called flow cytometry to sort for the first time cells gathered from the oral tissues.
In the tongue, they identified unusual cells known as natural TH17 cells that looked very much like T-cells but didn't behave like them. Subsequent tests showed that the novel cells did, indeed, make IL-17 when exposed to Candida.

"These cells are part of a natural host defense system that is present at birth and does not require a first exposure to be activated," said Gaffen. "This study demonstrates for the first time that natural TH17 cells protect against infection."

The researchers speculate that the similarities natural TH17 cells share with T-cells make them valuable to HIV, chemotherapy and other agents as well, which could explain why certain people are more susceptible to oral thrush. New drugs that block IL-17 soon will be on the market for treatment of rheumatologic conditions, but it's not clear that those drugs could be a side effect.

The team plans to examine the processes that allow development within the high-risk groups.

Authors of the paper included other researchers from the School of Medicine, Children's Hospital, the University of Pennsylvania, Geneurnech and the National Institute of Allergy and Infectious Diseases (NIAID).

The project was funded by NIH, Children's Hospital, the National Institutes of Health-National Cancer Institute, the Edmond J. Safra Foundation/Research Institute and the NIAID.

Chemo + radiation not effective for vulvar cancer
The addition of chemotherapy to post-surgical radiation treatment did not either extend the time until vulvar cancer, according to research presented at the 66th Annual Meeting of the American Society for Radiation Oncology.
Vulvar cancer is extremely rare, accounting for just 4 percent of gynecologic cancers and 0.6 percent of cancers women face in the United States each year.

Led by Sushil Beriwal, faculty member in the School of Medicine's Department of Radiation Oncology and a radiation oncologist at Magee, this study identified patients diagnosed with vulvar cancer between 1998 and 2011 who had undergone surgery to remove the cancer and required adjuvant radiation therapy because the disease had spread to their lymph nodes.

The study utilized the National Cancer Database, a nationwide oncology outcomes database, to identify 1,081 patients who underwent chemotherapy treatment in addition to curative radiation therapy after their initial surgery to remove the cancer. The study took into account factors including age, race, insurance coverage, marital status and spread of the disease.

The study found that overall, the addition of chemotherapy to adjuvant radiation therapy did not improve patient survival," said Beriwal.

"While retrospective studies do impose some limits on our conclusion, we found that, at the very least, use of concurrent chemotherapy should be carefully evaluated on an individual basis."

While the study didn't finalize a risk-benefit analysis of concurrent chemotherapy to treatment, Beriwal said it is important to share the findings because they more researchers one step closer to understanding how to treat vulvar cancer more effectively.

Technology created here headed to Mars
In 1979, Sanford Asher conceived to use the chemistry department faculty. As is the practice, he gave a presentation regarding a particular bit of research that's if it fired.
He was hired. And in 2020, the fruit of that presentation will be

on its way to Mars.
Asher, now a Distinguished Professor of Chemistry in the Dietrich School of Arts and Sciences, has developed a new carbon isotope, U4 Raman spectroscopy — the use of ultraviolet light as a means to probe molecules in order to determine the basic components of a piece of matter — and become integral to science.

The technology will be a prime component of SHERLOC, an instrument that will be aboard NASA's Mars 2020 Rover when it launches.

"I've been working in this area for a long time," he said. "Most of the work to this point has been biological, it's important to the detection of protein folding. I've been involved in all aspects of the science from laser development to theory development to building the first instrument."

Asher is a co-investigator on the SHERLOC instrument being built at NASA's Jet Propulsion Laboratory (JPL), which is also leading the Mars 2020 Rover project. JPL is the research, scientific and deputy manager of the planetary science section at NASA, and is the agency's center on the SHERLOC (Scanning Habitable Environments with Raman and Optical Spectroscopy, or SHERLOC for short) project.

"Quintessentially, SHERLOC owes a very large amount of its selection [to be aboard the rover] to Dr. Asher's work," Beegle says. "He's the world's leading expert in the field and many of the technical and scientific questions we are going to address during the Mars 2020 operations come directly from his work."

SHERLOC, Beegle says, will shine a tiny dot of ultraviolet light at a target. This causes two different spectral patterns to occur, which the instrument captures for analysis.

The first is a distinctive fluorescence, or glow, from molecules that contain rings of carbon atoms. Such molecules may be clues to whether evidence of past life has been preserved.

The second is an effect called Raman scattering, which can identify certain minerals, including ones formed from evaporation of salty water, and organic compounds. This dual enables powerful analysis of many different compounds on the identical spot.

Beegle adds that Asher will play a valuable role in fine-tuning SHERLOC.

"And when we land, Dr. Asher will work with the entire 2020 science team to identify the types of minerals and organics we have detected so that we can better understand Martian history."

—Compiled by Marty Pressley

Voter registration deadline nears

The deadline to register to vote is 5 p.m. on Monday, Oct. 6. If you need assistance with voter registration, or would like voter registration materials, go to www.votespa.com.

The deadline to apply for an absentee ballot is 5 p.m. on Tuesday, Oct. 28.
The People of the Times column features recent news on faculty and staff, including awards and other honors, accomplishments, and administrative appointments.

We welcome submissions from all areas of the University. Send information via email to: times@pitt.edu, by fax at 412-624-4579 or by campus mail to 308 Heilbrot Hall. For submission guidelines, visit www.unimes.pitt.edu/page-id=6897.

Bernard Koliz, a clinician-scientist whose research focuses on heart failure, has been named a scholar within the Richard King Mellon Foundation Institute for Pediatric Research and director for research of the Division of Cardiology at Children’s Hospital. He also is associate professor of pediatrics at the School of Medicine.

Koliz in the third clinician-scientist in the Mellon scholars program, which enables promising researchers in the early stages of their careers to pursue groundbreaking research projects in biomedicine.

Koliz is a board-certified and practicing pediatric cardiologist whose research focuses on regenerative therapies for the heart. The long-term objective of his research is to provide novel approaches and molecular targets for the prevention of heart failure, primarly by studying the mechanisms of growth and regeneration of the myocardium, the muscle tissue of the heart.

Koliz earned his medical degree and doctoral degree from the University of California. Koliz and his team co-authored an independent research lab in 2005.

In a landmark paper published in Cell, Koliz and his team identified that heart muscle cells, previously thought to be incapable of proliferating, could be reprogrammed to give rise to viable heart muscle cells. This research has opened up the possibility of using this technique to stimulates heart regeneration.

In a follow-up study published in the Proceedings of the National Academy of Sciences, the Koliz lab showed that human heart muscle cell proliferation is a mechanism of heart growth in infants and children. Together, these two papers provide the foundation for developing new strategies to regenerate the heart and treat heart failure.

Mellon scholars are selected on the basis of work that is highly innovative, delivering new expertise to the biomedical research community, likely to lead to major breakthroughs, and capable of having a long-lasting impact on the practice of medicine.

Stephen MacMurchy and Timothy Sanders were the first two physicians scientists recruited for the Mellon scholars program. Established through a gift to the Richard King Mellon Foundation, the institute is an incubator for research that challenges conventional wisdom and can lead to paradigm shifts in pediatric medicine. This kind of high-impact research is not typically funded through government or commercial sources, placing Children’s Hospital in a unique group of pediatric research centers. Koliz’s goal is to recruit a total of five scholars.

Located within the John G. Rangos Sr. Research Center on Children’s main campus, the institute’s faculty and programs are part of the School of Medicine.

At its opening meeting for the year, the Pitt Bradford Staff Association presented Shari Radzicki with the Staff Appreciation Award.

The Katz Graduate School of Business has given its 2014 Alumni Hatch Excellence in Administrative Support Award to Christina M. Evans and Nicole Hudson. The award recognizes outstanding administrative assistants who go above and beyond expectations in performing daily work.

Dental medicine’s Paul Moore is this year’s recipient of the Norton M. Ross Award for Excellence in Clinical Research from the American Dental Association.

The Ross award recognizes an individual who has made significant contributions in the form of clinical investigations that advance diagnosis, treatment and prevention of craniofacial, oral and dental diseases.

The Association of Yale Alumni will honor Pitt law faculty member and Yale alumni Michael J. Madison with the 2014 Yale Medal in November.

Inaugurated in 1952, the Yale Medal is the highest award presented by the Association of Yale Alumni and is conferred solely to recognize and honor outstanding individual service to Yale University.

University of Pittsburgh
The Marshall S. Levy, MD, Memorial Lecture presents
Iain McInnes, PhD
Muirhead Chair of Medicine & Director of Institute of Infection, Immunity and Inflammation
University of Glasgow

"Micro Molecules with Macro Effects in Rheumatology"

Friday, October 10, 2014, at 9:00 a.m.
UPMC Presbyterian, Scaife 1105 AB

RSVP to Hilary Peterson at hjp4@pitt.edu or (412) 383-8100

GO GREEN!
Sign up for UTDirect, the University Times electronic headline service, at www.utimes.pitt.edu

Carnegie Mellon invites you to attend the SEVENTH NASH DISTINGUISHED LECTURE in Quantitative Finance

Systemic Risk and the Risk Management Paradox
by Paul Glassman

Monday, October 6, 2014, 4:30 p.m.
McConomy Auditorium
Reception immediately following the lecture
Carnegie Mellon University
FREE AND OPEN TO THE PUBLIC

Wednesday 8

Hepatology: Remedies
Pharmacology Related to the Liver & Bilayer Tract; Roman Verduzco, M.D., Montefiore, 7 a.m.
Faculty & Staff Development Program
"Working Through Conflict," Maureen Lasky, 342 Cangu, 9:45 a.m.
CRISP Lecture
"On the Run: Fugitive Life in an American City," Alice Goffman, U of Wi-Madison, 2017 CL, noon (4-7382)
MMG Seminar
Moral Ludwig Duke, 003 Reside, Parkland, Dr. noon
Oral & Maxillofacial Lecture
"Cosmetic Surgery: Practice/Physician Interaction," Peter Drans, G-33
Salt, 4 p.m.

Thursday 9

IEE Workshop
"Understanding Tumor A Woman, a Blend & a Legacy," Mary Rizer, Department Chair, Departmenters, 10-10:30 a.m. (jod@ezdi.pitt.edu)
Faculty & Staff Development Program
"Student Privacy & FERPA," Pamela Grady, C&J Mathematics, 342 Cangu, 9 a.m. (jod@ezdi.pitt.edu)
CARRIE Workshops
"Multidisciplinary Teaching & Learning," BS Almou, 10 a.m. "TA, Developing a Lesson Plan," G74, 2:30 p.m. (jod@ezdi.pitt.edu)
Public Health Lecture
"Sexual Health: Adolescent Girls: A Vulnerable Population for Public Health Interventions," Maria Terat, Johns Hopkins, public health, noon
Bradford Campus Filmaker Talk
Sam Zaiden, Mokuyama U Ram, Prima-Westergro, Departmenters, noon (jod@ezdi.pitt.edu)
Chemistry Seminars
"Catalysis for Sustainable Energy," Jane Noolan, Stanford, 102 Ben, 5 p.m.

Defenses
Medicine/ Clinical & Translational Science
"Medication Use & Falls in Older Adults: A Pharmacoeconimisperspective Approach," Zachary Martin, Sept. 28, 3:30 Paderewski, 11 a.m.

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Shakespeare and the four humors exhibit at

FALK LIBRARY
3550 Terrace St
Pittsburgh PA 15261
September 29 – November 8

William Shakespeare and the Four Humors: Elizabethan Medical Beliefs
Gail Kern Paster, Ph.D., Director emerita, Folger Shakespeare Library
Thursday, October 2, 2014 at 6 p.m.
1105 Scaife Hall
Visit exhibit in Falk Library following lecture, 200 Scaife Hall

A Clinician Looks at Shakespeare and Medicine
Robin Maier, M.D., M.A., Director of Medical Student Education/Clerkship Director, Department of Family Medicine, University of Pittsburgh
Tuesday, October 21, 2014 at 6 p.m.
Lecture Room 5 (Scaife Hall 4th floor)

www.hls.pitt.edu/shakespeare
Thursday 25
 Structural Biology Seminar
 "Structural Dynamics of Gating in Cys-loop Receptors," Sofia Chadharapin, Case Western, 6014 BSTT, 11 am
 SAC Seminar
 "Eosinophils, Rick Scholdt, safety & training, WPU Assembly Room, noon
 CSTI Lecture
 "Detecting, Addressing & Preventing Scientific Misconduct," Kimm Schmidt, "704 Fiske Tower, 7:00 am
 Epidemiology Seminar
 "On the Move Group-based Exercise for Community-dwelling Older Adults," Jennifer Beach, public health buff, noon
 CIDDE TA Workshops
 "Developing Teaching Philosophy Statements," 2pm, "Caring & Phil-..." 3 pm, 815 Alumni (www.cidded.pitt.edu/workshops)
 Chemistry Seminar
 "3-Dimensional Layered Materials," XiangangDou, UCLA; 150 Chemical, 2:30 pm
 Geology & Planetary Science Colloquium
 "National Aerospace and Space Institute," Goran Bormann, Nat/Energy Talkology, Latt, 11:30, 3:50 pm
 UPPDMA, Pincie
 "Vesicle Tension, Sandwich Pack, 5:30 pm
Contemporary Writers Lecture
 Lucie Brock-Bondo, FPA aud., 8:30 pm (www.gloveliterature.org/...)
Friday 26
 UPMC Drug Collection
 Tum in unused, unwanted and expired medications; Children’s, FPA Pharmacy, Poetry 1st fl, 10am-2 pm
 CIDDE CourseWeb Workshops
 "Communication, Tools," 10 am, "Using the Grade Centre," 1:30 pm
 NIT Alumni (www.cidded.pitt.edu/workshops)
 Psychiatry Lecture
 "High Definition Fiber Tracking (HDFT) vs. MBI: Biomarker for Brain Anastomotic Connection Defects in TBI, Neuroprognosis & Autism," Walter Schneider, "FmPC aud., 10am-2 pm
 Emerging Leaders Concert
 Summer: Orches-Roberts & Mark Stockland, Cup & Chaures, 2 & Hillman, 4 pm
 Philosophy of Science Lecture
 "Strategies for Dealing with Biological Complexity," Sam Green, U of North Carolina, 6:45 pm
 CIDDE CourseWeb Workshop
 "Stylus Construction," 815 Alumni, 2 pm (www.cidded.pitt.edu/workshops)
 Monday 27
 Football
 Vt. Alumni, Heinz Field, 3:30 pm
 Sunday 28
 Episcopal Service
 Heinz Chapel, 11 am (Sunday, partepal.com/hope/joy/worshipc...)
 Organ Recital
 Diocese U students; Heinz Chapel, 7 pm
 Bradford Campus Concert
 Southern: Tcash Symphony; Bowerl... 12 pm
 Philosophy of Science Talk
 "Homoerogeneity & the Medicalization of Heterosexuality," Andre de Block, U of Leuven, 12 pm (4:10 pm)
 CIDDE TA Workshop
 "Developing Teaching Philosophy Portfolios," 815 Alumni, 2 pm (www.cidded.pitt.edu/workshops)
 Greensburg Campus Work/ Spoken Readings
 Sarah Sherdan & Shadi Shaliwala, Chambers, UWP, 7 pm