Faculty learn more about strategic plan initiatives

Individualized education. Teaching members of research from Pitt’s own discipline-based centers. A University-wide committee is being established. More diverse faculty and staff.

Leaders of the University’s strategic planning working groups shared some of the initiatives that are being envisioned and heard Faculty Assembly members’ questions, concerns and suggestions as part of the Assembly’s Oct. 6 meeting.

The hour-long discussion was part of a series of sessions designed to gather grassroots input on specific actions that will advance the plan’s five strategic goals: advancing educational excellence; engaging in research impact; strengthening communities; building foundational strength; and embracing diversity and inclusion.

In addition to the faculty forum, leaders met this month in separate sessions with Council of Dean members, students and planning and budgeting commit-tee (PBC) members.

Pitt joins a coalition whose members want to change the college admissions process...  
A new Senate ad hoc committee will tackle issues facing part-time non-tenure-track faculty.....

Looking for a new dean of education

The committee searching for a new dean of the School of Education held an open forum yesterday, Oct. 14, in the William Pitt Union.

Alan Lesgold, the Renée and Richard Goldman Dean who has headed the School of Education since 2000, has announced he will step down next August.

Among the members of the Pitt faculty attending the forum were, from left: Alberta Sbragia, provost’s liaison to the committee; chair Charles Perttula; Rosa Marthe of Kern Ferry, who is assisting with search; Jennifer Russell, and Fiona Seels.

Covering the hearing were, in order, Oct. 29 University Times.

Kimberly K. Barlow/University Times

Pitt submits FY17 request to state; still no FY16 action

The University is asking the state for $184.56 million in funding for fiscal year 2017. In its annual budget request, the University is seeking $168 million for general support including Pitt-Bradford’s rural education outreach programming.

A total of $2 million is earmarked for new innovation and entrepreneurship initiatives, including a proposed Innovation Institute student startup program to support students in their efforts to transform ideas into commer-
cially viable businesses.

The program includes pre- and post- startup mentorship and establishment of a pilot incubator space.

In addition, Pitt is seeking $8.12 million for the School of Medicine; $7.13 million for Western Psychiatric Institute and Clinic (WPIC); $955,000 for the dental clinic; and $370,000 for the Center for Public Health Practice, which is funded through the Department of Human Services budget.

Overall, the University’s request represents an increase of nearly 10 percent over the FY16 budget. It is meeting the critical needs of Pitt’s funding to a level that would allow the University “to offset inflationary increases for operating expenses, expand our innovation programs to drive economic growth for the region, and allow us to control tuition increases for in-state students,” Gallagher stated.

Proposed tuition rates submit-
ted with the budget request show a hike of 2 percent for out-of-state students on the Pittsburgh campus, but no increase for in-
state students or for students on Pitt’s regional campuses for the 2016-17 academic year.

Pitt’s enrollment has increased by nearly 3,000 students and annual research expenditures rose $500 million over the past two decades. At the same time, the Consumer Price Index rose 57 percent and the Higher Education Price Index increased 86 percent.

“The growth of the quality of Pitt’s educational programs has been accomplished in the face of current levels of state support that are equal to the levels of support received 20 years ago — in nominal dollars, with no adjustment for inflation,” the budget request stated. “However, in the face of ever increasing expenses, Pitt is not a sustainable situation.”

Kimberly K. Barlow

IRB renamed

Pitt’s Institutional Review Board (IRB) Office is now the Human Research Protection Office (HRPO).

The HRPO will maintain its position under the Research Conduct and Compliance Office (RCCO) and will continue to perform the functions of the IRB committee and administrative review process.

The HRPO will promote the safety and protection of individuals involved in research by providing support, guidance and education to facilitate ethical and scientifically sound research.

CONTINUED ON PAGE 7
Admission procedure changes planned

A new group of 80 college applicants this year will be picked to try out a new system of filling out the college application, which calls for the 80 students to propose ideas for improving the college application process. Some students who might not have otherwise been picked to attend would be selected if the new system were implemented. 加上新系统实施，公共教育也致力于倡导多元的课程选择，使学生能够根据自己的兴趣和能力来选择课程，从而提高他们的学习积极性和参与度。

Letters

What I know

My guess is many of the people who know, when they do start using the site, will go to a short column. I won’t name names, but I know who you are. I have been directed to the University of State since 2006. Over the years I have been asked to write a Senate Minutes column above, but did not. By the same token, it was a great service to the Senate, the Faculty Assembly, the Faculty, and to the entire University. The University is the lifeblood of the University. I’ve been fortunate to have had the privilege of working with many faculty and administrators as well as getting to know a true friend of the University who has operated in the University. The final details and changes that are being made are a great service to the University. The Senate University, Faculty Assembly, Faculty, and the entire University. The Senate University, Faculty Assembly, Faculty, and the entire University.


card

Admission procedure changes planned

A new group of 80 college applicants this year will be picked to try out a new system of filling out the college application, which calls for the 80 students to propose ideas for improving the college application process. Some students who might not have otherwise been picked to attend would be selected if the new system were implemented. 加上新系统实施，公共教育也致力于倡导多元的课程选择，使学生能够根据自己的兴趣和能力来选择课程，从而提高他们的学习积极性和参与度。

Letters

What I know

My guess is many of the people who know, when they do start using the site, will go to a short column. I won’t name names, but I know who you are. I have been directed to the University of State since 2006. Over the years I have been asked to write a Senate Minutes column above, but did not. By the same token, it was a great service to the Senate, the Faculty Assembly, the Faculty, and to the entire University. The University is the lifeblood of the University. I’ve been fortunate to have had the privilege of working with many faculty and administrators as well as getting to know a true friend of the University who has operated in the University. The final details and changes that are being made are a great service to the University. The Senate University, Faculty Assembly, Faculty, and the entire University. The Senate University, Faculty Assembly, Faculty, and the entire University.


card

Admission procedure changes planned

A new group of 80 college applicants this year will be picked to try out a new system of filling out the college application, which calls for the 80 students to propose ideas for improving the college application process. Some students who might not have otherwise been picked to attend would be selected if the new system were implemented. 加上新系统实施，公共教育也致力于倡导多元的课程选择，使学生能够根据自己的兴趣和能力来选择课程，从而提高他们的学习积极性和参与度。

Letters

What I know

My guess is many of the people who know, when they do start using the site, will go to a short column. I won’t name names, but I know who you are. I have been directed to the University of State since 2006. Over the years I have been asked to write a Senate Minutes column above, but did not. By the same token, it was a great service to the Senate, the Faculty Assembly, the Faculty, and to the entire University. The University is the lifeblood of the University. I’ve been fortunate to have had the privilege of working with many faculty and administrators as well as getting to know a true friend of the University who has operated in the University. The final details and changes that are being made are a great service to the University. The Senate University, Faculty Assembly, Faculty, and the entire University. The Senate University, Faculty Assembly, Faculty, and the entire University.


card

Admission procedure changes planned

A new group of 80 college applicants this year will be picked to try out a new system of filling out the college application, which calls for the 80 students to propose ideas for improving the college application process. Some students who might not have otherwise been picked to attend would be selected if the new system were implemented. 加上新系统实施，公共教育也致力于倡导多元的课程选择，使学生能够根据自己的兴趣和能力来选择课程，从而提高他们的学习积极性和参与度。

Letters

What I know

My guess is many of the people who know, when they do start using the site, will go to a short column. I won’t name names, but I know who you are. I have been directed to the University of State since 2006. Over the years I have been asked to write a Senate Minutes column above, but did not. By the same token, it was a great service to the Senate, the Faculty Assembly, the Faculty, and to the entire University. The University is the lifeblood of the University. I’ve been fortunate to have had the privilege of working with many faculty and administrators as well as getting to know a true friend of the University who has operated in the University. The final details and changes that are being made are a great service to the University. The Senate University, Faculty Assembly, Faculty, and the entire University. The Senate University, Faculty Assembly, Faculty, and the entire University.


card

Admission procedure changes planned

A new group of 80 college applicants this year will be picked to try out a new system of filling out the college application, which calls for the 80 students to propose ideas for improving the college application process. Some students who might not have otherwise been picked to attend would be selected if the new system were implemented. 加上新系统实施，公共教育也致力于倡导多元的课程选择，使学生能够根据自己的兴趣和能力来选择课程，从而提高他们的学习积极性和参与度。

Letters

What I know

My guess is many of the people who know, when they do start using the site, will go to a short column. I won’t name names, but I know who you are. I have been directed to the University of State since 2006. Over the years I have been asked to write a Senate Minutes column above, but did not. By the same token, it was a great service to the Senate, the Faculty Assembly, the Faculty, and to the entire University. The University is the lifeblood of the University. I’ve been fortunate to have had the privilege of working with many faculty and administrators as well as getting to know a true friend of the University who has operated in the University. The final details and changes that are being made are a great service to the University. The Senate University, Faculty Assembly, Faculty, and the entire University. The Senate University, Faculty Assembly, Faculty, and the entire University.


card

Admission procedure changes planned

A new group of 80 college applicants this year will be picked to try out a new system of filling out the college application, which calls for the 80 students to propose ideas for improving the college application process. Some students who might not have otherwise been picked to attend would be selected if the new system were implemented. 加上新系统实施，公共教育也致力于倡导多元的课程选择，使学生能够根据自己的兴趣和能力来选择课程，从而提高他们的学习积极性和参与度。

Letters

What I know

My guess is many of the people who know, when they do start using the site, will go to a short column. I won’t name names, but I know who you are. I have been directed to the University of State since 2006. Over the years I have been asked to write a Senate Minutes column above, but did not. By the same token, it was a great service to the Senate, the Faculty Assembly, the Faculty, and to the entire University. The University is the lifeblood of the University. I’ve been fortunate to have had the privilege of working with many faculty and administrators as well as getting to know a true friend of the University who has operated in the University. The final details and changes that are being made are a great service to the University. The Senate University, Faculty Assembly, Faculty, and the entire University. The Senate University, Faculty Assembly, Faculty, and the entire University.


card

Admission procedure changes planned

A new group of 80 college applicants this year will be picked to try out a new system of filling out the college application, which calls for the 80 students to propose ideas for improving the college application process. Some students who might not have otherwise been picked to attend would be selected if the new system were implemented. 加上新系统实施，公共教育也致力于倡导多元的课程选择，使学生能够根据自己的兴趣和能力来选择课程，从而提高他们的学习积极性和参与度。

Letters

What I know

My guess is many of the people who know, when they do start using the site, will go to a short column. I won’t name names, but I know who you are. I have been directed to the University of State since 2006. Over the years I have been asked to write a Senate Minutes column above, but did not. By the same token, it was a great service to the Senate, the Faculty Assembly, the Faculty, and to the entire University. The University is the lifeblood of the University. I’ve been fortunate to have had the privilege of working with many faculty and administrators as well as getting to know a true friend of the University who has operated in the University. The final details and changes that are being made are a great service to the University. The Senate University, Faculty Assembly, Faculty, and the entire University. The Senate University, Faculty Assembly, Faculty, and the entire University.
Pitt climbs in higher ed world rankings

Pitt is ranked 10th in the top 10 percent of campuses in the 2016-17 Federal Collegepiance and Transparency Report, which measures students, faculty and industry income among the nation’s top 200 universities.

The rankings are compiled by the National Center for Education Statistics and the Higher Education Research Institute at the University of California, Los Angeles.

Pitt is the only university in Pennsylvania to make the top 10 percent of campuses in the 2016-17 Federal Collegepiance and Transparency Report.

The rankings are compiled by the National Center for Education Statistics and the Higher Education Research Institute at the University of California, Los Angeles.

Pitt is the only university in Pennsylvania to make the top 10 percent of campuses in the 2016-17 Federal Collegepiance and Transparency Report.

The rankings are compiled by the National Center for Education Statistics and the Higher Education Research Institute at the University of California, Los Angeles.

Pitt is the only university in Pennsylvania to make the top 10 percent of campuses in the 2016-17 Federal Collegepiance and Transparency Report.

The rankings are compiled by the National Center for Education Statistics and the Higher Education Research Institute at the University of California, Los Angeles.

Pitt is the only university in Pennsylvania to make the top 10 percent of campuses in the 2016-17 Federal Collegepiance and Transparency Report.

The rankings are compiled by the National Center for Education Statistics and the Higher Education Research Institute at the University of California, Los Angeles.

Pitt is the only university in Pennsylvania to make the top 10 percent of campuses in the 2016-17 Federal Collegepiance and Transparency Report.

The rankings are compiled by the National Center for Education Statistics and the Higher Education Research Institute at the University of California, Los Angeles.

Pitt is the only university in Pennsylvania to make the top 10 percent of campuses in the 2016-17 Federal Collegepiance and Transparency Report.

The rankings are compiled by the National Center for Education Statistics and the Higher Education Research Institute at the University of California, Los Angeles.

Pitt is the only university in Pennsylvania to make the top 10 percent of campuses in the 2016-17 Federal Collegepiance and Transparency Report.

The rankings are compiled by the National Center for Education Statistics and the Higher Education Research Institute at the University of California, Los Angeles.

Pitt is the only university in Pennsylvania to make the top 10 percent of campuses in the 2016-17 Federal Collegepiance and Transparency Report.

The rankings are compiled by the National Center for Education Statistics and the Higher Education Research Institute at the University of California, Los Angeles.

Pitt is the only university in Pennsylvania to make the top 10 percent of campuses in the 2016-17 Federal Collegepiance and Transparency Report.

The rankings are compiled by the National Center for Education Statistics and the Higher Education Research Institute at the University of California, Los Angeles.

Pitt is the only university in Pennsylvania to make the top 10 percent of campuses in the 2016-17 Federal Collegepiance and Transparency Report.

The rankings are compiled by the National Center for Education Statistics and the Higher Education Research Institute at the University of California, Los Angeles.

Pitt is the only university in Pennsylvania to make the top 10 percent of campuses in the 2016-17 Federal Collegepiance and Transparency Report.

The rankings are compiled by the National Center for Education Statistics and the Higher Education Research Institute at the University of California, Los Angeles.

Pitt is the only university in Pennsylvania to make the top 10 percent of campuses in the 2016-17 Federal Collegepiance and Transparency Report.

The rankings are compiled by the National Center for Education Statistics and the Higher Education Research Institute at the University of California, Los Angeles.

Pitt is the only university in Pennsylvania to make the top 10 percent of campuses in the 2016-17 Federal Collegepiance and Transparency Report.

The rankings are compiled by the National Center for Education Statistics and the Higher Education Research Institute at the University of California, Los Angeles.

Pitt is the only university in Pennsylvania to make the top 10 percent of campuses in the 2016-17 Federal Collegepiance and Transparency Report.

The rankings are compiled by the National Center for Education Statistics and the Higher Education Research Institute at the University of California, Los Angeles.

Pitt is the only university in Pennsylvania to make the top 10 percent of campuses in the 2016-17 Federal Collegepiance and Transparency Report.

The rankings are compiled by the National Center for Education Statistics and the Higher Education Research Institute at the University of California, Los Angeles.

Pitt is the only university in Pennsylvania to make the top 10 percent of campuses in the 2016-17 Federal Collegepiance and Transparency Report.

The rankings are compiled by the National Center for Education Statistics and the Higher Education Research Institute at the University of California, Los Angeles.

Pitt is the only university in Pennsylvania to make the top 10 percent of campuses in the 2016-17 Federal Collegepiance and Transparency Report.

The rankings are compiled by the National Center for Education Statistics and the Higher Education Research Institute at the University of California, Los Angeles.

Pitt is the only university in Pennsylvania to make the top 10 percent of campuses in the 2016-17 Federal Collegepiance and Transparency Report.

The rankings are compiled by the National Center for Education Statistics and the Higher Education Research Institute at the University of California, Los Angeles.

Pitt is the only university in Pennsylvania to make the top 10 percent of campuses in the 2016-17 Federal Collegepiance and Transparency Report.

The rankings are compiled by the National Center for Education Statistics and the Higher Education Research Institute at the University of California, Los Angeles.

Pitt is the only university in Pennsylvania to make the top 10 percent of campuses in the 2016-17 Federal Collegepiance and Transparency Report.

The rankings are compiled by the National Center for Education Statistics and the Higher Education Research Institute at the University of California, Los Angeles.

Pitt is the only university in Pennsylvania to make the top 10 percent of campuses in the 2016-17 Federal Collegepiance and Transparency Report.

The rankings are compiled by the National Center for Education Statistics and the Higher Education Research Institute at the University of California, Los Angeles.

Pitt is the only university in Pennsylvania to make the top 10 percent of campuses in the 2016-17 Federal Collegepiance and Transparency Report.

The rankings are compiled by the National Center for Education Statistics and the Higher Education Research Institute at the University of California, Los Angeles.
Economist says we need to address upward mobility gap

"Understanding the racial gaps in [school] achievement, in labor market success, is one of the fundamental questions this country is trying to grapple with," especially around education, said the Federal Reserve’s Richard Horn. "It’s certainly an issue that we’re all aware of, but it’s difficult to get at.

Although extreme upward mobility between a parent and a child’s generation — the American dream — is statistically a myth, with only 10% of children born today having a higher income than the parents, the issue has become more pertinent.

"We see a lot of black and white mobility in the society, especially in the last 50 years, but the other side of that is that there are a lot of black and white mobility that is not happening," Munirukawa noted.

The study found that over a lifetime, the earnings of black and white children born in the same year differ by more than $800,000.

"What’s happening is that even though we have a lot of mobility and a lot of opportunity, there are still barriers," Munirukawa said.

"The biggest barrier is that there’s a lot of opportunity that is not being used by black and white children," he added.

"It’s important to address this issue because it affects not only the individual but also the economy as a whole," Munirukawa said. "We need to work towards ensuring that everyone has an equal opportunity to succeed and reach their full potential."
The University of Pittsburgh is an Affirmative Action, Equal Opportunity Employer. Women, members of minority groups under-represented in academia, veterans, and the disabled are especially encouraged to apply.
They painted. They cleaned. They raked. They sorted food, made artificial flowers and built fences.

Approximately 225 Pitt faculty and staff members volunteered for this year’s Pitt-United Way Day of Caring on Oct. 2. Volunteers worked on 30-plus projects at 21 sites in Oakland, Squirrel Hill, Homestead, Munhall, Shadyside, Bloomfield, Garfield, Lawrenceville, North Side, South Side, Greenfield, Hazelwood and East Liberty.

Far right: Chancellor Patrick Gallagher stopped to greet volunteers at several of the sites, including a community garden on Frazier Street in Oakland.
Adolescent brain development, substance abuse stem cells

A research team in the School of Medicine’s Department of Psychopharmacology has identified a stage in the brain development that could someday be targeted to prevent or treat substance abuse.

The finding, published in the journal Stem Cells Translational Medicine, offers new hope for treating the 11 million Americans who are addicted to drugs or alcohol.

The researchers, led by Dr. Michael Jankowski, a faculty member in the School of Medicine’s Department of Pharmacology, are developing a new treatment for addiction that could be as effective as antidepressants.

Jankowski, who is also the principal investigator of a National Institute on Drug Abuse (NIDA) grant, said the finding could lead to a new treatment for addiction that could be as effective as antidepressants.

The team’s goal is to develop a drug that targets the brain’s reward system, which is responsible for the craving for drugs and alcohol.

“This is a very exciting time for addiction research,” Jankowski said. “We have a new target for drug development that could potentially help people recover from addiction.”

The team’s findings were published in the journal Stem Cells Translational Medicine.

Massive pulmonary edema

The findings, published in the journal Critical Care Medicine, are based on a study of 11 patients who were admitted to the intensive care unit with massive pulmonary edema.

The study, led by Dr. Jeffrey E. Edelstein, a faculty member in the School of Medicine’s Department of Pulmonary and Critical Care Medicine, found that massive pulmonary edema is associated with a higher risk of mortality.

The study was published in the journal Critical Care Medicine.

DOES YOUR CHILD SHOP AT CONVENIENCE STORES?

The RAND Corporation, in Pittsburgh, is conducting a research study to learn about what children, ages 11-17, purchase at convenience stores.

Participation requires a 20 minute phone or web survey and one 90 minute visit to the RAND study center.

Children who complete the study will be compensated for their time and effort with $50 in gift certificates. Parking and travel compensation is provided.

If you are interested and want to find out more about this study, please call 412-545-3005 or c-storestudy@ RAND.org.

www.rand.org/storestudy

OBJECTIVE ANALYSIS, EFFECTIVE SOLUTIONS.
**Conflict seen in board room**

Nearly 14 US. fast food companies board position is held by individuals with academic affiliation, a potential conflict of interest not implicitly acknowledged by national guidelines, a review led by the School of Medicine.

We welcome submissions from all areas of the University, submit information to umichinfo-pitlitt.edu, or by fax to 313.936.4729 or on campus mail to 300 Bellfield Hall. For submission guidelines, visit www.umich.edu/pitlitt.edu/page/5400870.

The University Times Research Board suggests submitting reports on findings to be listed in your research, and a finding arising from University research.

**Regeneration of aseptic aureas studies**

Abdominal aortic aneurysm (AAA), caused by the loss of elastin, a critical protein for blood vessel walls, is responsible for approximately 10,000 American deaths each year. A grant from NIH, vascular biology, and the Program for Vascular Research at the Seminole are progressing a new strategy for defining the disease and reversing the pathology. In this study, the team used a new method for the research, because, given these advances, patients should not be living in pain. The AAA can be an integral part of abdominal physical and social development. As clinicians and scientists, we are using guidelines to discontinue the disease and regenerate the area.

This research is being led by David A. Vag, associate professor at the Seminole Research School and University. The proposal, “Overlap: In Regeneration Therapy for Atherosclerosis. The AAA,” was reviewed by 1072-210-161, and is a collaborative effect with researchers at Vanderbilt. Said Vag: “This is a highly electric protein that allows self-completion therapies to be carried out.” But it is not a viable treatment for those individuals who may be at risk for the disease. In one study, the team found that the research, the study, was successful in reducing the AAA, and that the research was effective in reducing the AAA.

**Conflict seen in board room**

Nearly 14 US. fast food companies’ board members in one role involving academic affiliation, a potential conflict of interest not implicitly acknowledged by national guidelines, a review led by the School of Medicine.

We welcome submissions from all areas of the University, submit information to umichinfo-pitlitt.edu, or by fax to 313.936.4729 or on campus mail to 300 Bellfield Hall. For submission guidelines, visit www.umich.edu/pitlitt.edu/page/5400870.

The University Times Research Board suggests submitting reports on findings to be listed in your research, and a finding arising from University research.

**Regeneration of aseptic aureas studies**

Abdominal aortic aneurysm (AAA), caused by the loss of elastin, a critical protein for blood vessel walls, is responsible for approximately 10,000 American deaths each year. A grant from NIH, vascular biology, and the Program for Vascular Research at the Seminole are progressing a new strategy for defining the disease and reversing the pathology. In this study, the team used a new method for the research, because, given these advances, patients should not be living in pain. The AAA can be an integral part of abdominal physical and social development. As clinicians and scientists, we are using guidelines to discontinue the disease and regenerate the area.

This research is being led by David A. Vag, associate professor at the Seminole Research School and University. The proposal, “Overlap: In Regeneration Therapy for Atherosclerosis. The AAA,” was reviewed by 1072-210-161, and is a collaborative effect with researchers at Vanderbilt. Said Vag: “This is a highly electric protein that allows self-completion therapies to be carried out.” But it is not a viable treatment for those individuals who may be at risk for the disease. In one study, the team found that the research, the study, was successful in reducing the AAA, and that the research was effective in reducing the AAA.
John C. Slimick will track placenta health

A transdisciplinary team led by Professor John Slimick of the School of Medicine and MWR will be developing "acoustic tweezers" and other ways of tracking placental health, in real time during pregnancy. The five-year program was one of 19 selected for the prestigious Placenta Project, led by the EMBO Kompetenzzentrum National Institute of Child Health and Human Development, part of NIH, which has committed approximately $95 million to the effort for the first five years. Throughout human pregnancy, the placenta is indispensable for embryonic development, fetal growth and maintaining the health of the mother and baby. Now, John Badawy, MWR director, Erin Haidak and Hiroko Kido, principal investigators from Carnegie Mellon University, MIT and Penn State, will focus on the entire maternal network of the placenta called the trophoblast, which regulates maternal-fetal gas exchange, end- terial delivery, waste removal and humanous metabolism. Scientists discussed recently that throughout pregnancy, the trophoblast secretes into the mother's bloodstream tiny, barely visible vectors that contain small bits of genetic material called RNA.

The team, which includes investigators from Carnegie Mellon University, MIT and Penn State, will focus on the entire maternal network of the placenta called the trophoblast, which regulates maternal-fetal gas exchange, enter- tial delivery, waste removal and humanous metabolism. Scientists discussed recently that throughout pregnancy, the trophoblast secretes into the mother's bloodstream tiny, barely visible vectors that contain small bits of genetic material called RNA.

RESEARCH NOTES

"Acoustic tweezers" will track placenta health

A transdisciplinary team led by Professor John Slimick of the School of Medicine and MWR will be developing “acoustic tweezers” and other ways of tracking placental health, in real time during pregnancy. The five-year program was one of 19 selected for the prestigious Placenta Project, led by the EMBO Kompetenzzentrum National Institute of Child Health and Human Development, part of NIH, which has committed approximately $95 million to the effort for the first five years. Throughout human pregnancy, the placenta is indispensable for embryonic development, fetal growth and maintaining the health of the mother and baby. Now, John Badawy, MWR director, Erin Haidak and Hiroko Kido, principal investigators from Carnegie Mellon University, MIT and Penn State, will focus on the entire maternal network of the placenta called the trophoblast, which regulates maternal-fetal gas exchange, enter- tial delivery, waste removal and humanous metabolism. Scientists discussed recently that throughout pregnancy, the trophoblast secretes into the mother's bloodstream tiny, barely visible vectors that contain small bits of genetic material called RNA.

John C. Slimick, tenure-track faculty in the Department of Mechanical Engineering, is using a National Science Foundation CAREER Award to create a novel method for imaging and mapping subcellular components of living cells. This research, which is in its initial stages, has the potential to revolutionize our understanding of cell biology. Slimick’s work has the potential to impact the fields of developmental biology, tissue repair and regenerative medicine, and cancer biology. His research is supported by a grant from the National Institutes of Health.

Slimick received his B.S. degree in mechanical engineering from the University of Virginia in 1998 and received his M.S. degree in mechanical engineering from the University of Virginia in 2000. He received his Ph.D. degree in mechanical engineering from the University of Virginia in 2003. He joined the faculty in the Department of Mechanical Engineering at Carnegie Mellon University in 2003.

Slimick is a member of the National Academy of Engineering and a fellow of the American Institute of Medical and Biological Engineers. He is the recipient of several awards, including the National Science Foundation CAREER Award, the National Science Foundation Young Investigator Award, the National Institute of Health Director’s New Innovator Award, and the Presidential Early Career Award for Scientists and Engineers. He is also a member of the American Society for Cell Biology, the Society for Developmental Biology, and the American Physical Society.

Slimick is a member of the National Academy of Engineering and a fellow of the American Institute of Medical and Biological Engineers. He is the recipient of several awards, including the National Science Foundation CAREER Award, the National Science Foundation Young Investigator Award, the National Institute of Health Director’s New Innovator Award, and the Presidential Early Career Award for Scientists and Engineers. He is also a member of the American Society for Cell Biology, the Society for Developmental Biology, and the American Physical Society.

Slimick is a member of the National Academy of Engineering and a fellow of the American Institute of Medical and Biological Engineers. He is the recipient of several awards, including the National Science Foundation CAREER Award, the National Science Foundation Young Investigator Award, the National Institute of Health Director’s New Innovator Award, and the Presidential Early Career Award for Scientists and Engineers. He is also a member of the American Society for Cell Biology, the Society for Developmental Biology, and the American Physical Society.

Slimick is a member of the National Academy of Engineering and a fellow of the American Institute of Medical and Biological Engineers. He is the recipient of several awards, including the National Science Foundation CAREER Award, the National Science Foundation Young Investigator Award, the National Institute of Health Director’s New Innovator Award, and the Presidential Early Career Award for Scientists and Engineers. He is also a member of the American Society for Cell Biology, the Society for Developmental Biology, and the American Physical Society.

Slimick is a member of the National Academy of Engineering and a fellow of the American Institute of Medical and Biological Engineers. He is the recipient of several awards, including the National Science Foundation CAREER Award, the National Science Foundation Young Investigator Award, the National Institute of Health Director’s New Innovator Award, and the Presidential Early Career Award for Scientists and Engineers. He is also a member of the American Society for Cell Biology, the Society for Developmental Biology, and the American Physical Society.

Slimick is a member of the National Academy of Engineering and a fellow of the American Institute of Medical and Biological Engineers. He is the recipient of several awards, including the National Science Foundation CAREER Award, the National Science Foundation Young Investigator Award, the National Institute of Health Director’s New Innovator Award, and the Presidential Early Career Award for Scientists and Engineers. He is also a member of the American Society for Cell Biology, the Society for Developmental Biology, and the American Physical Society.

Slimick is a member of the National Academy of Engineering and a fellow of the American Institute of Medical and Biological Engineers. He is the recipient of several awards, including the National Science Foundation CAREER Award, the National Science Foundation Young Investigator Award, the National Institute of Health Director’s New Innovator Award, and the Presidential Early Career Award for Scientists and Engineers. He is also a member of the American Society for Cell Biology, the Society for Developmental Biology, and the American Physical Society.
Chemistry Kaufman Lecture
"Emerging Signals of Climate Change: Where is the World Will Computer Change Pervasive?" Susan Solomon, MIT, 150 College, 2:30 pm (chemrgy@pitt.edu)

French Politics, France and Mediterranean Metagaphores Workshop
"Spaces of Migration and Ancestral Identity: Belgium and the Frenchophone Mediterranean Imagination," Kateryna Popyrko, Williams College, 602 CL, 3 pm (humanities@pitt.edu)

CGS Open House
1400 Forbes, 3-4 pm (cgsp Pitt.edu)

Geology/Planetary Sciences Colloquium
"Tide, Oxygen and Isotopic Variations in Continental Waters" by the University of Pennsylvania, "Nanou Johns, Hopkins, 11.30 am: 30 pm

Student Senate Administration, A.D. and Affairs Committee Mtg.
272 Hillman, 7:30 pm

Human Chaplains' Chaplain Program
"Death and Dying: The Tibetan Tradition," Human Chaplains, 7 pm (www.human.chaplains.org)

Timevalle Concert Band
"Goose With the Waltz," Lake Erie String Quartet, Human Chaplains, UPP, 7 pm (tel: 814-827-8453)

Psychology Lecture
"Cancer and Depression: It's Complicated," Mary Gugino, WPIIC and, noon-1:30 pm (psych@pitt.edu)

Medical Education Grand Rounds
"Implementing Public Health into Medical Education: Tales From the Trenches and Lessons Learned," Christine Silver, U of Wili, 4th & Scale Levent am, 1 noon (www.meds.pitt.edu)

Greenburg Campus Student Center Lecture
"The 5th Goal: Reducing Poverty and Promoting Health," G. Terry McCallum, Franklin & Marshall, Fisher Theatre, UPP, 7:30 pm (gterry@pitt.edu)

Friday 16

SBDC Program
"The 1st Step: Developing a Business Plan," 7:30 am (register@innovation.pitt.edu)

ULS Director Search Open Forum
WPI, ballroom, 9 am

Biomedical Informatics Lecture
"MDM: Methods and Analytic for Association, Progression and Prediction," Wang Chao. 402 A. B. Burns, 11 am (bls@pitt.edu)

TechSafe/InfoSession
"TechSafe," U Store on 5th, 5-6 pm (pitt.edu/security)

Allegrogey Observatory Lecture
"Everything in the Universe Is Too Hard: What's That's Awesome," Bennoh Mollen, Build Patricia, 1:30 Reuther Park, North 4th Floor, noon-1:30 pm (astro@pitt.edu)

Music on the Edge Concert
"Japanese Poets, Japanese, Japanese American Interactions," Ballulfill: Student, 1 pm (also Oct. 17, music.pitt.edu)

Monday 19

PhD Studio Clinic
220 Hamilton, 10 am-2 pm (pitt.edu)


Tuesday 20

UPMC Health Plan Wellness Fair
"My Health Tip", WUP Assembly Rm., 11 am-2 pm (wupgather@upmc.edu)

Cell Biology Seminar
"A Matter of Architecture: Building Epithelia With or Without Hepato- cyte Polarity," Anne Morrie, 5th fl. boardroom (as wari@pitt.edu)

Basic & Translational Research Seminar
"Developmental Pathways in Cancer: Implications in Biology & Therapy," SanjeevA Singh-Meeks, Hillman Cancer Ctr. Cooper conf. Rm. 12, 4pm (jw@pitt.edu)

CONTINUED ON PAGE 18

C A L E N D A R
October

Thursday 15

CITM Workshops
"Technology for Large Lecture Courses," From "Quake5 Online Survey System," 3 pm; 232 Alumni (www.citme.pitt.edu/hubworkshop)

HSLS Workshop
"EndNote Basics," Pat Weyna, Falk Library classes, 2, 3:30 pm (pew@pitt.edu)

Physical Therapy Rounds
"Quantitative Medicine & Nutrition Health: To Improve Performance at Outsports," Dr. Despav Kne, 233 Bovisglss P., noon

Health Services Research Seminar
"Computation for Decision Supp- ort in Population Health," Donald B. Cole, public health, 305 Pickrel, noon (jared@pitt.edu)

Studio Arts Conversations With Artists
"Resonations," Delanie Jenkins & Barbara Wörnrsger, PFA Gal- lery, noon (wun@pitt.edu)

Henry Meier for Urban Education Diplomacy
"The Children's First Response Back," Stanza Wollond & Jos Nogar, 4119 Ponce, noon-1:30 pm (humanities C. Colloquium)

"Composing the Dote: Making Air Pollution Visible in Pyh. Olga Kozhukhovski, 602 CL, 12-30 pm (www.humanities.pitt.edu)

GROWTH
20

C treatments, including behavioral therapies and medication management, are provided. To make an appointment, call (412) 648-4444.

For further information, call Bimba (412) 648-4444.

Rental

OAKLAND/GREENFIELD PARK
2 BR, Equipped kitchen, AC, hardwood fl., UPP, 4 BR, $1,000

SOUTH SIDE PLAY
2 BR, Equipped kitchen, AC, hardwood fl., UPP, $1,000

STUDENTS WANTED
Undergrads needed for a tutoring program. For more information, see Academic Services, 412-648-4444.

SERVICES

TUTORING
Tutoring improves your performance. Speak about your English or other subjects. Contact the University Times Classifieds.

CLASSIFIEDS!

FIND IT IN...

the University Times Classifieds!