#1 Best-Value Public College in Pennsylvania
—Kiplinger’s Personal Finance

$4.2 Billion in economic impact in Pennsylvania
—EI Report Data

Top 5% of Universities Globally
—U.S. News & World Report

Top Ranked Public Universities in the Northeast
—Wall Street Journal/Times Higher Education

Top 5 in NIH research support
—NIH Data

Nobel Laureates, Pulitzer Prize winners, MacArthur “Genius” Fellows, Rhodes and Fulbright Scholars
—Our Alumni

Budget Presentation to the General Assembly of the Commonwealth of Pennsylvania 2019–20
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CHANCELLOR’S STATEMENT

Across the five-campus University of Pittsburgh system, three out of every four undergraduates—nearly 19,000 students total—are Pennsylvania residents. These students, who hail from zip codes across the state, have chosen Pitt because we offer what other institutions cannot: An exceptional education at a terrific value.

In the last year alone, Pitt students and alumni earned more than 150 international and national awards, including the country’s only Kanders Churchill Scholarship. Equally impressive: We were one of just 16 institutions nationwide to be named a top producer in both the Fulbright U.S. Student and Scholar programs.

At the same time, esteemed sources—such as Kiplinger’s Personal Finance, U.S. News & World Report and The Wall Street Journal—heaped praise on Pitt, calling us a:

- Top value in the state;
- Top university in the world; and
- Top public university in the Northeast.

While our record of supporting student success is compelling and clear, so—too—is Pitt’s role in driving economic growth throughout the commonwealth. The University supports nearly 37,800 jobs in Pennsylvania—employing more than 18,400 people directly—and has an estimated annual economic impact of $4.2 billion statewide.

As a world leader in research, Pitt also draws significant funds into the state. Last year alone, the University’s share of research grants from the National Institutes of Health exceeded half a billion dollars. Equally impressive: Total sponsored research activity reached a record high of $808 million. These dollars ripple through Pennsylvania’s economy, creating employment opportunities and also generating critical revenues for local suppliers of goods and services.

As an innovation anchor, the University pumps both talent and opportunity into the region. We generated 23 startups based on Pitt technology, 162 license and option deals and 363 invention disclosures—all record-breaking totals achieved in 2018. Not surprisingly, Pitt has also earned top 25 bragging rights in utility patents for new products or processes granted globally.

Against this bright backdrop, and thanks to strong support from the commonwealth, Pitt held 2018–19 tuition rates level for almost all in-state undergraduate students. Months later, we celebrated another milestone: Welcoming the Class of 2022—the most academically accomplished incoming class in our University’s long history.

These examples—part of a much larger success story—underscore the fact that the University of Pittsburgh is an incredible investment. Even more: We are a vital investment that directly benefits the commonwealth, Pennsylvania students, their families, and our shared future.

Respectfully,

Patrick Gallagher
Chancellor
The University of Pittsburgh
Our Impact

Public research universities, like the University of Pittsburgh, are rare assets in the U.S. higher education system—fewer than five percent of all such institutions—but their impact on the lives of students and alumni, on innovation and economic development, and on community well-being is profound.

The University of Pittsburgh is a force for public and economic good within the Commonwealth and a vitally productive partner. It has a proven record of delivering on that partnership, as described throughout the contents of this report.

Pitt became a state-related institution in 1966 based upon a foundational partnership in which the Commonwealth committed to support an appropriation to the University sufficient enough to offset the cost of tuition for Pennsylvania students, enabling them to afford access to the kind of high-quality education provided by a private institution at significantly less cost. In the years since, the University of Pittsburgh has pursued excellence and progressed into the very top ranks of American universities.

Today, Pitt’s quality is heralded well beyond the state. For instance, The Wall Street Journal/Times Higher Education placed Pitt in the “Top Five Public Universities in the Northeast” three years in a row. U.S. News & World Report places Pitt in the top five percent of universities worldwide. The Princeton Review once again included Pitt in its “Best Value Colleges” list and ranked the University as one of the nation’s best institutions for undergraduate education. Pitt also was ranked the best value among Pennsylvania public universities and also among the best nationally by Kiplinger’s Personal Finance. Such rankings are of particular significance because they weigh cost against institutional quality and student outcomes.

Last academic year, our students earned more than 150 international and national awards, including the nation’s first and only Churchill Kanders Scholarship. This fall, alumnus Lia Petrose (A&S ‘17), who earned degrees in neuroscience and economics, was named a 2019 Rhodes Scholarship winner. She is the eighth winner of the esteemed scholarship to have received a Pitt undergraduate education. Beyond that, an extraordinary 94 percent of our students either continue their education or secure employment after graduation— and the majority of these students stay in Pennsylvania.

Many other markers of the University’s success can be found in a broad array of areas, whether in innovation and research of impact, or beneficial community engagement, or positive economic growth. The breadth of Pitt’s aspirations and accomplishments continues to expand based upon several primary strategic goals: advancing educational excellence, engaging in research of impact, strengthening communities, promoting diversity and inclusion, embracing the world, and building on a foundation of strength.

The University has managed to continue this significant advancement, through astute budget management and cost reduction efforts, despite less-than-adequate historic funding levels that have threatened to erode the quality and progress represented by the examples that follow.

Commonwealth Appropriation FY 1995–2019*

* The University of Pittsburgh has not received Commonwealth appropriation for Fiscal Year 2019.

** Includes additional federalized General Support funding.
The Student Experience

The most telling evidence of the value and quality that Pitt offers can be found in the growing numbers of student applicants.

More than 29,000 students applied for fall 2018 admission to the Pittsburgh campus. Including both first-year and transfer students, Pitt welcomed 4,218 new undergraduate students to the Pittsburgh campus this fall, bringing the total undergraduate population in Oakland to 19,326 (60 percent of whom are Pennsylvania residents). The quality of the applicants continues to hold strong, with an average SAT score of 1346 for our entering class.

Pitt has become not only a magnet for highly talented applicants, but also a leading producer of high-performing students. Pitt undergraduates have claimed eight Rhodes Scholarships, 12 Truman Scholarships, nine Marshall Scholarships, a whopping 56 Goldwater Scholarships, two Churchill Scholarships, one Gates Cambridge Scholarship, and nine Udall Scholarships. Pitt also is among the nation’s leading producers of Fulbright scholars (97 undergraduates), Boren scholars (45 undergraduate), Whitaker International fellows, National Science Foundation fellows, Critical Language scholars, and Humanity in Action fellows. In 2017, Pitt students received the Thomas R. Pickering Foreign Affairs Fellowship and Beinecke Scholarship, and a recent Pitt alumnus received the University’s first German Chancellor’s Fellowship.

These remarkable student achievements reflect the exceptional levels of learning and growth occurring at the University of Pittsburgh and are clear evidence that Pitt is effectively advancing its vital mission. Of course, these public forms of recognition are accompanied by tens of thousands of more personal triumphs as our students use the power of higher education to build the platforms from which they will pursue their own life dreams, with the majority of them living, working, and raising their families right here in Pennsylvania.

Pitt recently strengthened its foundational commitment to the City of Pittsburgh through the Pittsburgh Public Scholars program, which guarantees admission for valedictorians and salutatorians in the Pittsburgh Public Schools system. In addition, Pitt has committed a minimum of $2,000 for these students and, if a valedictorian or salutatorian is eligible for a Pell Grant, Pitt will meet the full need. Nine scholars will attend Pitt this fall as part of this new initiative, four of these scholars are first-generation college students. This complements the Pittsburgh Admissions Collaboration (PAC), a partnership with the Community College of Allegheny County (CCAC) and Pittsburgh Public Schools to provide a pathway and support for Pittsburgh Public Schools students to earn their undergraduate degree. The first three PAC students graduated high school and will attend CCAC this fall.

Pitt also has been a leader in developing programs designed to enhance the overall growth of our students and prepare them to embark upon lives of achievement and impact. Among many noteworthy efforts, some that stand out are:

- The comprehensive Outside the Classroom Curriculum, which provides students with a structured series of experiences designed to help participants grow holistically and make the most of their personalized collegiate experience. Students are encouraged to engage in leadership development opportunities, global and cultural awareness programs, wellness activities, career services, and more to develop highly desirable character traits and life skills.

- The PITT ARTS program, designed to expose students to the cultural richness of the greater Pittsburgh region, has nearly tripled its participation rates over the past decade, rising to more than 63,000 instances of participation annually.

- Pitt’s pioneering partnership with the Port Authority of Allegheny County, which helps to support local mass transit, giving students (as well as faculty and staff) fare-free access to public transportation.

- Pitt students at the Pittsburgh campus gave more than 456,700 hours in service to community in 2017–18.

Panthers Forward

The University has launched an innovative program with aims of financing higher education and aiding new graduates in gaining economic stability. Panthers Forward, an initiative of Chancellor Patrick Gallagher, provides current seniors with up to $5,000 to be directly applied toward their eligible federal student loan balance upon graduation. As alumni, participants will be asked — but not required — to “pay it forward” via monthly contributions. All donations to Panthers Forward will be reinvested to support future generations of participants and to strengthen and sustain the program. Recipients are connected to a special network of alumni mentors who are committed to supporting their professional success. Over time, participants will also become part of the network to share their professional experiences, perspectives, and advice.

The inaugural class of Panthers Forward inductees was selected in December 2018. Of the 150 students, 76% are female, and 66% are in-state students. Between them, over 22,000 volunteer hours have been logged during their time at Pitt. The top three majors of the awardees are biological sciences, psychology, and engineering.

The University’s Offices of the Chancellor and Institutional Advancement have partnered with Altian Education, a firm founded by three Pitt alumni, for the program’s launch. The Founders of Altian noted the necessity and innovation of such a program, saying, "[…] It is taking one of the most pressing issues facing students today — college debt — and creating a new option that’s more financially flexible, collaborative, and professionally focused.”
At Pitt, it is easy to see the remarkable impact that a top research university can have—on both the lives of its students and in its home region.

**Outstanding Faculty**

Pitt faculty members have built an impressive record of achievement and honors. Senior faculty members have been elected to such prestigious groups as the National Academy of Sciences, National Academy of Medicine, American Academy of Arts and Sciences, American Association for the Advancement of Science, American Society for Clinical Investigation, National Academy of Education, National Academy of Engineering, and American Academy of Nursing. They hold some of the country’s most prestigious awards, including the National Medal of Science, MacArthur Foundation’s genius award, Lasker-DeBakey Clinical Medical Research Award, Charles S. Mott Prize in cancer research, Vannevar Bush Faculty Fellowship, and Andrew W. Mellon Foundation Distinguished Achievement Award for exemplary contributions to humanistic studies. Equally important is the fact that more junior faculty members continue to claim national awards for their exceptional potential. These include Presidential and National Science Foundation Early Career Awards, the Howard Hughes Medical Institute Physician-Scientist Early Career Award, Pew Foundation Early Career Award, Sloan Faculty Fellowships, and Beckman Young Investigator Award.

The accomplishments, recognition, and research support garnered by our faculty members are clear signs that Pitt is building on its proud past, a legacy that includes developing Pitt faculty members have built an impressive record of achievement and honors. Senior faculty members have been elected to such prestigious groups as the National Academy of Sciences, National Academy of Medicine, American Academy of Arts and Sciences, American Association for the Advancement of Science, American Society for Clinical Investigation, National Academy of Education, National Academy of Engineering, and American Academy of Nursing. They hold some of the country’s most prestigious awards, including the National Medal of Science, MacArthur Foundation’s genius award, Lasker-DeBakey Clinical Medical Research Award, Charles S. Mott Prize in cancer research, Vannevar Bush Faculty Fellowship, and Andrew W. Mellon Foundation Distinguished Achievement Award for exemplary contributions to humanistic studies. Equally important is the fact that more junior faculty members continue to claim national awards for their exceptional potential. These include Presidential and National Science Foundation Early Career Awards, the Howard Hughes Medical Institute Physician-Scientist Early Career Award, Pew Foundation Early Career Award, Sloan Faculty Fellowships, and Beckman Young Investigator Award.

The accomplishments, recognition, and research support garnered by our faculty members are clear signs that Pitt is building on its proud past, a legacy that includes developing the vaccine that won this nation’s war against polio, both the surgical techniques and drug therapies that have made human organ transplantation a treatment option available around the world, identification of the dangers of environmental lead on brain development, and the creation of artificial insulin, a lifesaving innovation for millions of people with diabetes. Pitt faculty members are leading the way in areas diverse as computer modeling, gerontology, philosophy of science, nanotechnology, and urban education, as well as in a host of other areas.

**Research Strength**

The strength of Pitt’s research program measures well against other top research universities in the country, and Pitt ranks within the top 10 of all U.S. universities in terms of federal research and development support attracted by members of its faculty. The University attracted more than $808 million to the region conducting externally funded research last year, and has particular strength in biomedical research—with $485 million competitively won in FY 2017, the University maintained its position among the top five institutions in the United States in funding received from the National Institutes of Health (NIH), along with Johns Hopkins University; University of California, San Francisco; the University of Michigan; and the University of Pennsylvania.

Important new directions in Pitt funding sometimes come from investments by major foundations and from our partnership with UPMC. For example, the School of Medicine has been awarded a five-year, $2.5 million Physician Scientist Institutional Award from the Burroughs Wellcome Fund. This grant is matched by a $2.5 million grant from UPMC and $250,000 from Pitt to create an elite training program designed to set newly minted physicians on career paths that integrate scientific research with clinical care; Pitt was one of only five programs selected out of 92 submissions. In another example outside medicine, the Institute for Learning (IFL) and the School of Education Center for Urban Education (CUE), in partnership with the Dallas Independent School District (ISD), won a $7.4 million grant from the Bill & Melinda Gates Foundation. Dallas ISD, IFL, and CUE will work with teachers and leadership in six Dallas high schools and their feeder middle schools to improve English Language Arts and writing.

In another important trend, research funding has become more collaborative in recent years and more closely engaged with industry, and the Swanson School of Engineering and its Center for Energy have announced a partnership with Leidos, a defense, aviation, information technology, and biomedical research company, on a 10-year, $365 million Research Support Services Contract awarded by the Department of Energy’s National Energy Technology Laboratory (NETL).

Success in research enables Pitt to serve as a vital economic engine in its home region in two ways. First, research dollars imported into Western Pennsylvania annually by the University directly support jobs and the economy. The U.S. Department of Commerce estimates that every $1 million in research spending creates 36 new jobs, so those research dollars support more than 25,000 knowledge-based jobs that attract the world’s best and brightest scientists to the region and promote a culture of innovation and technology. Put another way, research dollars significantly impact the regional economy through local expenditures, the consequent local government revenues, and the employment and personal income of residents.

The second impact of Pitt’s research success on the Western Pennsylvania economy comes from the role of Pitt scientists in new product development and technology commercialization. For example, last year Pitt executed 162 agreements with industry to transfer technologies from research laboratories at Pitt, initiating the pathway toward commercial impact. The University also spun off a record total of 23 new companies founded on Pitt research (up 53 percent from last year). Intellectual property license and royalty revenue last year rose 15 percent to $7.2 million, but more broadly knowledge and technology transfer have created the foundation for commercial ventures that promote regional entrepreneurship, economic development, and job creation.

As a top research university, the University of Pittsburgh offers students the opportunity to engage in research, scholarship, entrepreneurship, and creative expression with faculty members who are leaders in their fields. Pitt undergraduates complement
Engaging with the Community

Pitt is a model of community engagement and service, making its expertise available to neighborhood groups, organizations, state and local government, and public agencies in ways that leverage the University’s teaching and research missions while contributing to the social, intellectual, and economic development of the region.

The work of a number of centers and initiatives shapes regional policy and programs. Many of these centers are connected with professional schools and represent multidisciplinary engagement. Even initiatives with international scope, such as the University’s Center for Global Health, have strong local community and economic impacts on the region, bring further distinction and recognition to the city, and serve to attract other investments.

Some of the most notable activities are included below:

- **Community Engagement Centers** are a place-based initiative that reflect the University of Pittsburgh deepening its commitment to being a partner and resource to its surrounding urban neighborhoods, city, and region. Community Engagement Centers (CECs) are being established in city neighborhoods to forge even stronger partnerships between Pitt’s educational and research capabilities and community leaders who are working to help their neighborhoods thrive. The result is a strategy that will enrich the University’s core educational mission, coordinate and enhance existing engagement efforts, and help to address some of the most enduring challenges of Pittsburgh’s urban neighborhoods.

The approach used to develop the Community Engagement Centers has extensively engaged campus and community stakeholders to shape, together, a concept that ensures Pitt’s academic mission of teaching and research is enriched and the neighborhoods in which the CECs are located derive meaningful benefits. Outreach was done with campus units who had long-standing community engagement missions, community leaders within the neighborhoods where CECs will be located, and elected and public officials. The first Community Engagement Center is located in Homewood, and the second will be located in the Hill District.

Programming at the CECs includes:

- A computer lab to host training sessions to prepare candidates for Pitt employment opportunities, School of Information coding workshops, and STEM summer programming.
- A Wellness Pavilion that will offer services in occupational therapy, audiology, physical therapy, athletic training and sports medicine, nutrition and dietetics, and wellness and human performance.
- Mental health counseling services across the age span.
- Pro-bono legal assistance and legal workshops.
- Business development and acceleration programming offered by the Institute for Entrepreneurial Excellence and Joseph M. Katz Graduate School of Business MBA Fellows.
- Workshops and outreach activities in film studies, African American Poetry and Poetics, and more.

- **The University Center for Social and Urban Research** in collaboration with Allegheny County, the City of Pittsburgh, and Carnegie Mellon University, has developed the Western Pennsylvania Regional Data Center, which provides an open data platform for local government, community organizations, and citizens. In FY 2017–18, 38,500 users accessed data through the portal, a 79 percent increase over the previous year. Projects have included the Bird’s Eye View data explorer, the Panthereview Oakland mapping tool, an asset map for the Hill House Association in the Hill District, and the Allegheny County Health Department’s efforts to address the social determinants of cardiovascular disease.

- **School of Education’s Office of Child Development** conducts approximately two dozen projects in partnership with community organizations. Its larger programs include managing four agencies that deliver Early Head Start home visiting services, coordinating more than 20 family support programs, providing technical assistance to improve the quality of early care and educational services in Western Pennsylvania, evaluating and conducting strategic planning for the county-wide LAUNCH program, and conducting the Positive Racial Identity Development in Early Care and Education (PRIDE) project to promote positive self-identity among young African American children in the region.

- **Service and Volunteer Activities** throughout the year include events like Day of Caring, Pitt Make a Difference Day, and the annual United Way Campaign, as well as ongoing activities supported through the Pitt Volunteer Pool and many other channels.
Pitt Partnering as an Economic Driver

The Office of Economic Partnerships (OEP) formed in 2015 focuses on building connections to our local, state and global economies and leveraging the investments in Pitt to create more economic opportunities for the communities we serve. In 2017 and 2018, OEP has continued to grow to include corporate engagement as a strategy to help industry connect to our vast resources on the Pitt campus. OEP also accelerated the development of a program which allows applied research to be done in Pitt's labs as fee-for-service work, thus creating a new revenue stream and new resources for industry, higher education in Pennsylvania, and government agencies.

In 2018 OEP engaged nearly 200 companies who turned to Pitt as a resource. These efforts helped to push the number of industry-sponsored research agreements up to a new record of 113 agreements totaling more than $21 million dollars of industry-sponsored research. The campus anticipates continued industry engagement in 2019 as the first quarter of 2018 saw more than $1.3 million in new revenue from industry and government contracts.

OEP also plays a large role in economic development within Pennsylvania. Pitt was featured in a nine-month study led by the Brookings Institute, which resulted in the creation of an Innovation District design team and InnovatePGH organization to help promote the incredible innovation coming out of the 1.7 mile corridor in Oakland. This corridor is driving innovation in Pittsburgh and is responsible for more than 30 percent of the research and development expenditures in all of Pennsylvania. The OEP team works closely with economic development organizations in the region on numerous projects including workforce development in Pittsburgh and recruiting companies to locate in the Pittsburgh region as part of their commitment to partnering with Pitt.

One notable workforce development project is the University Talent Alliance with the Pittsburgh Council of Higher Education, which provides training and job opportunities in disadvantaged neighborhoods with higher-than-average rates of unemployment. The long-term goal of this program is to create a pathway for unemployed individuals from the Hill District and Homewood communities to receive training, experience, and ultimately full-time employment with benefits at one of the partnering organizations. The project is funded by community foundations and a pilot project is due to launch in the second quarter of FY 2019.

In 2018, OEP provided support to the regional team that worked to recruit Amazon's HQ2 project to Pittsburgh, which resulted in national recognition as Pittsburgh landed in a top 20 finalist position. Additionally, OEP successfully partnered with Carnegie Mellon University to recruit the company CNH to open offices in our region, resulting in high tech and professional job creation and an increased tax revenue base.

Exhibit I

<table>
<thead>
<tr>
<th>University of Pittsburgh’s Annual Impact on the Regional Economy</th>
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<tbody>
<tr>
<td>$4.2 billion Total economic impact generated by Pitt</td>
</tr>
<tr>
<td>$184 million Generated in local and state tax revenues</td>
</tr>
<tr>
<td>37,822 Number of jobs supported by Pitt's total economic impact in Pennsylvania</td>
</tr>
<tr>
<td>$114.3 billion Economic impact produced by Pitt alumni in Pennsylvania over 40 years in workforce</td>
</tr>
<tr>
<td>$1.7 billion The economic impact of the University’s research enterprise</td>
</tr>
<tr>
<td>$808 million External research support in 2018</td>
</tr>
<tr>
<td>$73.1 million Charitable and volunteer service donations</td>
</tr>
<tr>
<td>18,416 employees on five campuses: Pittsburgh, Bradford, Greensburg, Johnstown, and Titusville</td>
</tr>
<tr>
<td>92 new patents were issued to the University in FY 2018, bringing Pitt's patent total to 965. More than 160 total start-up companies have been launched around Pitt technologies since the creation of the Innovation Institute in 2013.</td>
</tr>
</tbody>
</table>
OEP also works to promote the world-class economic engine of Pitt’s extraordinary life sciences community. In April 2018, OEP hosted the second annual Life Sciences Week Pittsburgh, which showcased our region’s prowess in patient care, research and development, workforce development, and innovation. This week-long showcase included more than 14 individual events from across our community and attracted more than a thousand participants from our region and around the globe. Life Sciences Week Pittsburgh fosters advancement, engagement, and global recognition for the incredible life sciences community in our region.

To build on the excitement around innovation on campus, OEP partners with the Innovation Institute and IEE to promote the culture of innovation, disclosure, and external partnerships with our community. One of the newer efforts in this area is LifeX Ventures LLC, which is an organization fostered by OEP and Pitt to provide critical support to our region’s translational life sciences/biotech sector and bolster the university’s mission and vision to advance the frontier of knowledge, strengthen our community, embody diversity and inclusion, engage the world, and support success. LifeX’s team receives support services from OEP and Pitt. The exciting new venture already has 15 companies in its portfolio and is bringing more research and development dollars into our region, mentoring spinout and startup life sciences/biotech companies, creating jobs, and developing a new capital investment fund to foster further investment in our region.

Innovation and Entrepreneurship

Translating discovery and invention by students and faculty from concept to commercialization is part of the work Pitt does to deliver on its partnership with the Commonwealth.

The University of Pittsburgh Innovation Institute, formed in November 2013, is the focal point of Pitt’s initiative in innovation, commercialization, and entrepreneurship. Within the institute, there are a number of programs that support faculty and students in learning about and embarking on entrepreneurial efforts and reaching out to the business community to take part in the region’s small business ecosystem.

In the years since its formation, the institute has regularly reported record-high numbers of invention disclosures filed, patents received by Pitt faculty, students, and staff, as well as total startup companies formed from Pitt-developed innovations. The University now ranks nationally in the top 20 or higher in each of these categories. For 2018, these metrics were again record for Pitt with the number of invention disclosures (363) and licenses (162) being high water numbers. Regarding new companies formed, this past fiscal year alone, Pitt spun out 23 new companies based on University technologies — another record. As a comparison, in the three years prior to the Innovation Institute’s formation, there were 17 startup companies formed around Pitt discoveries. In the most recent three fiscal years, that number tripled to 51 new companies.

These results clearly demonstrate that Pitt’s culture of innovation and entrepreneurship is accelerating. Faculty and students are translating discoveries into products and services that improve and, in many instances, save people’s lives. Among the companies formed in fiscal year 2018 are:

- iREST, which has developed a platform to treat veterans and active military dealing with sleep disorders to improve their quality of sleep, and as a result, the quality of their lives;
- Atlas Medical, which has created a disposable surgical retractor system that decreases time in the operating room; and
- Globin Solutions is advancing an antidote for carbon monoxide poisoning that removes potentially deadly carbon monoxide from the blood.

Pitt Ventures

These results are due in part to enhanced programming around new venture creation, particularly Pitt Ventures. Through Pitt Ventures, University faculty, students, and staff work one-on-one with an entrepreneur in residence to conduct customer discovery and value proposition exercises that help determine the best path to market their innovation. Additionally, because Pitt is a National Science Foundation Innovation Corps program site, those faculty, students, and staff can receive early stage seed funding to validate their ideas. In fact, Pitt was only the 12th University in the US to have received a renewal of this i-Corps program site grant.

Institute for Entrepreneurial Excellence

The Institute for Entrepreneurial Excellence (IEE), part of the Innovation Institute, provides networking, education, and consulting services to business owners and entrepreneurs in Western PA. For the fiscal year period of July 1, 2017 through June 30, 2018, the IEE worked with a total of 1,209 businesses, provided 8,424 hours of consulting, helped save/add 556 jobs, obtained $18.6 million in funding for small businesses, started 75 businesses and increased sales of businesses by $31.73 million. As part of the IEE, there is a PA DCED and SBA funded Small Business Development Center, which serves Washington, Allegheny and Greene counties and provides most of the consulting-oriented impact metrics. In addition, the IEE provides environmental consulting services throughout the state via grants from Allegheny County and PA DCED. Finally, the IEE is providing services throughout the state, especially in communities affected by the coal recession via two federal grants, one from the Appalachia Regional Commission (ARC) and another from the Economic Development Administration (EDA).
The Energy Grid Research and Infrastructure Development—or GRID—Institute, located in the Energy Innovation Center in Pittsburgh’s Hill District, enables Pitt researchers to evaluate major issues impacting our nation’s power grid, as well as the patchwork of transmission and distribution systems around the globe. Equally important, it places our students, faculty, and staff alongside an unprecedented team of utility, industry, government, and foundation partners and firmly positions Pittsburgh as a key player—regionally and globally—in the race to modernize our energy infrastructure. The Energy GRID Institute acts as a grounded research center for all key stakeholders involved in the grid transition.

To date, the Energy GRID Institute has leveraged more than $15 million in funding from Pitt and utility and industry partners. This funding is supporting more than 20,000 square feet of new laboratory and administrative space at the Energy Innovation Center. Pitt, through the Energy GRID Institute, is the anchor tenant at this facility, leveraging existing industry partnerships to attract business and innovation to the Pittsburgh region. The Energy GRID Institute is also supporting the City of Pittsburgh in its ongoing energy development work through dedicated staff support for regional applied energy projects.

The Center for Energy

Established in 2008, the University of Pittsburgh Center for Energy is a University-wide endeavor that leverages the energy-related expertise of about 100 faculty members across campus from multiple disciplines and departments.

The center is a unifying entity for faculty members to collaborate with each other, regional energy industry leaders, government agencies, and the community to address the many challenges and opportunities associated with the generation, transmission, and utilization of energy. The center is ideally situated to accomplish this mission, given the Pittsburgh region’s abundant natural resources and leadership in the development of clean energy technologies and energy infrastructure, the presence of leading global energy companies, and engaged community and government constituents.

The Center for Energy continued efforts in 2018 to significantly advance its mission and the various activities related to energy research, education, and outreach across the University and throughout the community. This fiscal year, the center experienced an increase in new research funding totals of nearly 15 percent, including a continued growth trajectory for industry collaborations, as well as strong support from various government agencies. New initiatives with community and industry partners created additional opportunities for program growth and engagement.

The center hosted a number of high-visibility conferences, symposia, and national events throughout the year and contributed significantly to regional energy initiatives and programs. Energy education program efforts, including developments in key certificate program areas, were expanded. The center also spearheaded efforts in forming the new Tri-State University Energy Alliance. As the region, the nation, and the world continue to experience wide-ranging challenges in an era of dynamic energy transition, the Center for Energy is well positioned to create new opportunities for strong future growth and to have continued impact on and success in supporting the region’s role as a global leader in energy-related education, research, development, and demonstration.

Combating the Opioid Crisis

Last February, Chancellor Gallagher formed the Opioid Abuse Prevention and Recovery Task Force to find ways to strengthen and build upon Pitt’s foundation of prevention, treatment and recovery programs to bring meaningful and beneficial change to the lives of students. With the data clear that the nation’s opioid epidemic affects young adults at a higher rate than any other age group, the working group’s recommendations provided an action plan that represents one of the most comprehensive approaches anywhere for addressing opioid use and abuse in a college environment.

Even though opioid abuse is lower on university campuses, it is important that we take a proactive approach to addressing this national crisis head on. The Task Force’s 48-page report contains more than two dozen recommendations, many of which are already underway at Pitt, and can be used as a tool by other institutions across the country.

Pitt currently provides incoming student education, campus wide programming coordinated through PantherWELL Peer Health Educators, the Collegiate Recovery program and clinic and pharmacy services to emphasize the practice of “Talk Before You Take,” which helps students understand medications.

The Pittsburgh campus has hosted drug take-back events that have netted an average of 268 pounds of drugs during each take-back day since 2015. Through the Pennsylvania District Attorneys Network program, a permanent collection box has been placed in the lobby of Pitt’s Public Safety Building, and another was located in the Student Pharmacy before the start of the fall 2018 term. Pitt campuses in Bradford, Johnstown, Greensburg and Titusville also partner with local police departments on drug take-back efforts.
REGIONAL CAMPUSES

Community service is a commitment shared by Pitt community members at our Bradford, Greensburg, Johnstown, and Titusville campuses. The following are examples of how this tradition of outreach and service is realized in the daily activities of our faculty, staff, and students.

University of Pittsburgh at Bradford

- **Support Workforce Training:** Pitt-Bradford was awarded $183,763 through the Pennsylvania Department of Economic and Community Development in 2017–18 to support workforce training through the Workforce and Economic Development Network of Pennsylvania. The Office of Sponsored Programs worked with 14 manufacturing and information technology companies in Elk, McKean, Potter, and Warren counties to support work-related training delivered to 985 employees through 152 separate training events.

- **Division of Continuing Education and Regional Development:** During the past year, the Division of Continuing Education and Regional Development enrolled 818 participants in 96 continuing education courses; entered into 23 training contracts with local businesses that provided workforce-related training to 776 employees; organized ten youth summer camps that enrolled more than 77 children of various ages; coordinated 64 external events serving 6,439 people through conference services; and developed six extensive summer event-camps serving 815 participants from across the region. The Division continued to host multiple technical trainings for manufacturers, including Operational Excellence, Supply Chain Excellence, Problem Solving/Root Cause Analysis, and Statistical Process Control.

- **Center for Rural Health Practice:** The Center for Rural Health Practice at Pitt-Bradford identifies and addresses issues in rural health and formulates policy recommendations for improvement of rural health practice and models of care.

- **The Harry Halloran Jr. and American Refining Group Energy Institute:** The Harry Halloran Jr. and American Refining Group Energy Institute is dedicated to serving the region as a primary locus for new knowledge and innovative approaches to the strategic development of traditional, alternative, and renewable energy sources. In the past year, the Energy Institute was represented at regional professional and community events, sponsored a host of campus events, collaborated with various units on campus to realize more sustainable operational practices, and contributed to University-wide sustainability activities.

- **Allegheny Institute:** In 2017–18, Pitt-Bradford’s Allegheny Institute continued its involvement in the Appalachian Teaching Project, which resulted in a local presentation and a regional conference panel discussion by students at the Annual Appalachian Studies Association Conference.

- **College in High School:** The Pitt-Bradford College in High School program is entering its 13th year. The program currently partners with 29 high schools across the north-central PA region to provide dual enrollment college course work to juniors and seniors prior to graduation. The program annually serves roughly 1,000 students, delivering 1,800 courses for credit, and since its inception the program has served more than 5,000 students and delivered over 8,000 courses, providing a significant resource for families in the region.

- **Community Engagement:** Pitt-Bradford students contributed more than 4,000 community service hours to local organizations during the 2017–18 academic year.

- **Marilyn Horne Museum and Exhibit Center:** The Marilyn Horne Museum and Exhibit Center showcases highlights from the personal archive of legendary opera singer Marilyn Horne. The museum had more than 3,500 visitors in its first year of operation and offers a broad program of free concerts, and community engagement events to the six-county region served by the University of Pittsburgh at Bradford. In early 2018, Marilyn Horne donated a significant addition to the museum’s collection, which included recital gowns, stage costumes, and international awards and honors. The museum continues to seek grants and donations to ensure the long-term care of the collection. In the fall of 2018 the museum launched a membership program to encourage community involvement while creating a revenue stream for operating expenses.

- **Arts Programming:** Pitt-Bradford Arts is made up of three series, Prism, Spectrum and Kaleidoscope, that provided over 25 artistic performances, visual arts exhibitions, author readings and lectures to the campus and regional community in 2017–18. Pitt-Bradford Arts has become the cultural center in the region by presenting the values and goals of an academic institution through arts programming events. Funding for the presentation of the arts includes endowments and annual grants received. The variety and diversity of entertainment provides world-class cultural experiences to our rural audiences.

University of Pittsburgh at Greensburg

**Community Service 2017–18**

- **Community Engagement:** Students, staff, and faculty participated in more than 146 projects, raised $33,560, and provided more than 7,631 hours of service to more than 63 organizations. This does not include the funds raised at the JDRF Walk for a Cure or all of the services that individual students and student groups provided.

- **American Cancer Society Relay for Life:** Residence Life hosted its Second Annual Relay for Life. Approximately 115 participants volunteered 650 hours to raise $12,860 through various fundraisers.
Community Initiative 2017–18

- **Community Arts Programming:** The Student Activities Board, Academic Village, Student Government Association, theatre arts department, and chorale offer lectures, music, theater, and other programming to the Greensburg area community.

- **Housing and Residence Life:** Staff, community assistants, and residents provided more than 1,128 hours of services and raised $18,539.

- **JDRF Walk for a Cure:** About 1,200 walkers were on campus and raised more than $3,879 for JDRF (formerly known as the Juvenile Diabetes Research Foundation). Sixty students and staff members walked. Housing and Residence Life hosted the walk.

- **Phi Eta Sigma Freshman Honor Society:** Students served a Veterans Day luncheon for 50 veterans and their families. Also provided 45 hours of service to clean up Slate Run Creek and to make and deliver Valentine’s Day cards for nursing home residents.

- **Pitt Make a Difference Day:** 70 students and staff provided 175 hours of service to the campus, county food bank, and the county parks and recreation department.

- **Red Cross Blood Drive:** The Health Center and the American Red Cross Club held four drives and collected 96 units of blood.

- **Westmoreland County Food Bank Tenth Annual Campus Challenge:** Students, faculty, and staff donated 1,572 pounds of food to the Westmoreland County Food Bank.

In addition to these volunteer activities listed above, Pitt-Greensburg has been launching a growing number of initiatives to engage the community in new ways and to put the knowledge of faculty, staff, and students in action to address community issues. Below are examples of ways in which the campus has engaged the community.

**Community Initiatives 2017–18**

- **Nursing:** Last year Pitt-Greensburg partnered with Pitt’s School of Nursing to launch the first on-site baccalaureate nursing program in Westmoreland County and this year recruited its second class. This region is facing a growing shortage of healthcare workers, as nearly 300,000 Baby Boomers are eligible to retire in the next decade. This collaboration of Pitt’s schools brings a world-class program into the county to help address the growing need for nurses.

- **Healthcare Management Major and Minor:** Pitt-Greensburg now offers a new major and minor in Healthcare Management. It is designed to prepare students to step into today’s changing and evolving healthcare field—especially as Pennsylvania faces a growing shortage of workers in this sector and a growing aging population. Additionally, the new minor will offer our nursing students the option to further prepare for a long-term career as they move from direct patient care into managerial positions.

- **Summer Science & Math Experience (SSME):** Pitt-Greensburg’s Summer Science & Math Experience (SSME) marked its 10th year of bringing high school freshmen to campus for a five-day residential program that explores science and math. Because of consistent funding support from local foundations, nearly 300 students have logged 11,517.5 student hours spent in science-related activities over the past decade—at no cost to the students or their school districts. Eleven school districts from four counties have been represented over the past 10 years.

- **Community Arts & Reintegration Project (CARP):** The Community Arts & Reintegration Project (CARP), under the direction of Tim Holler, PhD, assistant professor of Criminal Justice, held a series of “paint days” for the local community to participate in painting a mural to be installed in Mt. Pleasant, PA. Bernie Wilke, an art history professor at Westmoreland County Community College, designed the mural. The project is being used as a means to reintegrate juvenile probationers back into the community. It is CARP’s first local “restorative justice” initiative. CARP’s primary focus is to establish a proven method of re-entry into the community for incarcerated individuals and restorative justice in Westmoreland County.

- **Veterans Write Workshops:** Veterans Write, initiated by Lori Jakiela, professor of English and Creative Writing, Jeff Martin, visiting assistant professor of English at Duquesne University, Jason Eichner, a Pitt-Greensburg double major in English literature and creative writing, and alumna Gretchen Uhrinek ’17, provides free writing workshops for veterans and their loved ones as a means of creating community. It is an outlet for people to share their stories through craft and expression, to grow and to learn, and to communicate the experience of life before, during, and after military service.

- **Early Childhood Education Affiliate Dinner:** The University of Pittsburgh at Greensburg, in partnership with Trying Together (formerly Pennsylvania Association for the Education of Young Children (PAEYC)), hosted the eighth annual Early Childhood Education Student Affiliate Dinner in April. Approximately 200 people attended this event, which provided the opportunity for professional development and networking to education majors attending regional colleges and universities, as well as to educators from the southwestern Pennsylvania region.

- **Bernard Cobetto Lecture Series on Contemporary Ethical Issues:** The annual Cobetto Lecture featured a panel discussion titled “Sexual Misconduct: Perspectives on the Problem, Possibilities for Resolution,” a topic that was prompted by the #MeToo movement that went viral via social media in fall 2017.

- **Teacher Leadership Institute:** The Southwest Region of the Student Pennsylvania State Education Association (SPSEA) held its Teacher Leadership Institute at the University of Pittsburgh at Greensburg in March. The one-day conference focused on teachers as leaders within their classroom, their community, and the PSEA. High school juniors and seniors interested in education were also invited. Pitt-Greensburg education majors led the planning and implementation initiatives for the event.
• **Free Summer Housing:** For the first time in its history, Pitt-Greensburg offered free on-campus housing to its students enrolled for the summer session. Expanded financial aid options also were available. The endeavor was successful with a record-number of students choosing to stay on campus and take summer classes this year, thus helping them to complete their degrees sooner and with fewer costs.

• **WANT Job Fair:** Pitt-Greensburg’s Office of Career Services, in collaboration with other regional colleges and universities, participates in planning and implementing this annual event that is free to job seekers throughout the region. In operation for more than 25 years, the WANT consortium is a unique collaborative effort among the Westmoreland County Chamber of Commerce, local colleges and universities, CareerLink offices, and economic development entities in Westmoreland County.

• **Graduate and Professional School Fair:** More than 40 schools and programs regularly attend this annual event that allows college students and graduates from throughout the region to explore a variety of programs and options. Pitt-Greensburg’s Office of Career Services plans and implements this event that is free and open to the public.

• **Bridges to College Success Conference:** Pitt-Greensburg and the Consortium for Public Education brought together K-12 educators with staff and faculty from post-secondary institutions to explore the issues that can make the transition to college difficult, discuss possible improvements and find out from business leaders what kinds of job market and workplace expectations college grads will face when they graduate. School districts were encouraged to send teams of teachers, counselors, and administrators to participate in the conference.

• **Southwest PA Says NO MORE Video Series:** Dr. Sharon P. Smith, president of Pitt-Greensburg, was among the 13 college and university leaders from Allegheny and Westmoreland counties who participated in a series of 14 videos speaking out against campus assault. The college and university leaders united with community organizations, advocates, and state and local officials to reaffirm their commitment and report on the region’s progress in addressing campus sexual assault.

• **Full-Tuition Scholarships Awarded:** For the third year, Pitt-Greensburg has offered qualified prospective students the opportunity to compete for three full-tuition scholarships. Each award covers the cost of in-state tuition for up to four years if the student meets the renewal criteria and if their tuition has a value of more than $50,000.

• **It’s On Us Social Media Campaign:** Emily Frye ’18, working with John Prellwitz, PhD, associate professor of Communication, produced a version of the “It’s On Us” video featuring Pitt-Greensburg student-athletes. The video seeks to empower others to take a stand against sexual assault and stems from a national initiative that launched in 2014 to end sexual assault.

• **Center for Applied Research (CFAR):** Pitt-Greensburg’s Center for Applied Research continues to establish mutually beneficial relationships with community organizations that provide curricular and co-curricular opportunities for students to develop knowledge and skills related to empirical research and expand professional development opportunities for faculty and staff. Since 2012, CFAR has been working with a variety of organizations in the region to support data collection and analysis needs.

• **Center for the Digital Text:** This past year, Pitt-Greensburg students gained valuable hands-on experience while playing key roles in the digitization of the archival holdings at the West Overton Village and Museum. The project is the result of collaboration among Pitt-Greensburg, West Overton Village, and the Mt. Pleasant Free Public Library.

• **Virtual Reality Equipment and 3-D Printer:** Pitt-Greensburg further expanded its technological capabilities with the addition of virtual reality (VR) equipment and 3-D printer to its offerings for use within its curriculum. Both the VR equipment and the 3-D printer will give students hands-on experiences that will support their education and career goals, making them greater resources for employers in the region and beyond.

### University of Pittsburgh at Johnstown

• **Engineering Program Advancements:** Pitt-Johnstown responded to changing workforce needs by introducing innovations in the academic program mix, including a new engineering program that culminates in a bachelor of science in engineering in mechanical, electrical, civil, and computer engineering and a much-needed program in chemical engineering. The University of Pittsburgh Furman Engineering & Science complex. Offering the highly-sought-after engineering degree in these modern facilities is essential to meet the emerging workforce needs of the Johnstown community and region. The first graduates of the Bachelor of Science in Engineering program will cross the stage in late April 2019.

• **CODE 4 STEM:** Last year Pitt-Johnstown launched an innovative and potentially transformational CODE for Commonwealth and Country initiative in partnership with a small number of pilot schools in the Somerset and Cambria County area, and we have continued to provide leadership, educator support and outreach throughout the community over the past year. To date, we have delivered basic coding and robotics experiences to more than 2,000 students in a four-county region.

Our CODE (Computational-learning Opportunities in a Digital Environment) Smart Learning Program, a core component of our initiative, is now spearheading an ambitious effort that will work in collaboration with schools, parents, and community partners to build a CODE Smart Community where every child can learn the basics of coding for improved engagement and outcomes in STEM learning.
Pitt-Johnstown’s exciting new offerings for schools and the community began in summer 2018 and include the following:

- **CODE 4 STEM Academy** - A key area of emphasis for our work is to develop and evaluate impacts of our CODE method to enhance teaching and learning in math and other STEM areas to improve educational outcomes. Our new CODE 4 STEM Academy opened in June 2018, runs year round and is open to students in grades 2-12.

- **Afterschool and In-school STEM classes and camps** - Beginning with school year 2018–19, we offer afterschool and in-school STEM classes and camps for students in grades K-5+ as an outreach offering to local schools.

- **FIRST® for Rural PA Collaborative** – In collaboration with the IU8 and the Laurel Highlands Education and Robotics, Pitt-Johnstown is working to grow and strengthen both K-12 school and community participation in FIRST Robotics programs across the state, one rural region at a time over several years.

- **Experientially Focused Business Programs**: Promoting an ethos of creativity and innovation, the Business and Enterprise Division builds on area business collaborations among the entrepreneurship-focused programs. Over two dozen Business students completed internships with regional businesses in 2017-2018 and $40,000 in Robert Smith Scholarships were awarded by the business and enterprise faculty to 15 business students for their completion of experiential learning projects, including competitive business simulations.

- **PITTchFEST 2018**: Celebrating its fifth year of promoting and investing in entrepreneurs, PITTchFEST is designed to award ideas and innovation that go beyond the traditional for-profit models and provide potentially significant and sustainable value in enhancing our economy and community. This year’s event was held as part of Johnstown’s 28th annual Showcase for Commerce on June 1, 2018. The event presented a means for local and regional entrepreneurs to present the very best ideas to potential investors and champions. Josh Hill, a junior at Pitt-Johnstown, was Student Entrepreneurship Grand Award winner for KyPak, a gear pack designed for kayak fishermen.

- **Updated General Education Program**: One of the highlights of our revised General Education Program is the creation of measurable learning outcomes for this new and purposeful distribution of studies, enabling faculty to assess more accurately the effectiveness of the program and pivot in new directions when necessary. In addition, the revised program has numerous benefits including: making it more realistic for students to double major if they wish to pursue a second area of interest; enabling programs to add a needed course(s) to the curriculum to better prepare students for their intended career path; and focusing on students’ opportunity to learn to write and speak in ways specific to their discipline. We are currently in the first phase of assessment of the program.

- **Development of a One Button Studio**: A One Button Recording Studio is being developed to engage students in our increasingly visual and dynamic informational environment through the use of professional recording equipment that will allow students to learn, create, and disseminate what they discover. Additionally, the technology enables faculty members to design projects that promote personalized learning through developing assignments, which allow students to apply theories and concepts according to the students’ specific areas of interest.

- **Commitment to Real-world Action**: Pitt-Johnstown provides students with a solid foundation for career and professional success. By combining classroom learning with co-curricular experiences, we help students develop an ethos of real-world commitment. Annually, we offer competitive scholarships to students who demonstrate outstanding achievement in seizing opportunities in the areas of career preparation, campus involvement, community involvement, civic engagement, and embracing their world.

- **Pitt-Johnstown @ Your Service program** is the umbrella under which all service projects are developed. The most extensive community service initiative in campus history launched in 2009. It has since evolved into a year-round platform in which tens of thousands of hours connect students, faculty, and staff with the community. This past year, 73 percent of Pitt-Johnstown’s students performed over 25,250 hours of community service. The initiative encourages civic engagement, including participation in citizenship activities such as voter registration and voting, resulting in 91 percent of students registering.

- **A More Varied Biology Major**: Pitt-Johnstown’s Biology Department moved beyond the “one size fits all” approach to the biology major. Over the course of a year, the faculty worked to incorporate a number of adjustments to the program that increased flexibility so that students could tailor the major to their particular strengths and interests. Whether students are seeking admission to medical school, looking to become a cutting-edge researcher in health and disease, Pitt-Johnstown has a biology program that fits the bill.

- **First at Pitt-Johnstown**: Funded by the Provost’s Personalized Education Grant, First at Pitt-Johnstown is a fall 2018 pilot program for first-generation students. The program is designed to help participants engage with the campus community in meaningful ways to facilitate their academic and social transition to college. First components include a one-credit course, faculty and peer mentoring, and social activities. The grant also supports a qualitative research study to learn more about the experiences of first-generation students at Pitt-Johnstown.
• **Collaborative Student-Faculty Interaction:** Pitt-Johnstown faculty engage in research and other scholarly activities with undergraduate students, both on campus and at field and research sites in the U.S. and abroad. Students present their work at two in-house symposia, Fall Into Research in October and the Symposium for the Promotion of Academic and Creative Enquiry (SPACE) in April. Many students also present at regional, national, and international conferences, and publish in professional journals.

• **Robert M. Smith Academy “College Readiness Program”:** Pitt-Johnstown’s third annual Robert M. Smith Academy Real-World College Readiness Program for local high school students was held in July 2018. Students from Greater Johnstown, Somerset, and Westmont Hilltop high schools were selected to prepare for their upcoming transition to college.

• **John P. Murtha Center for Public Service and National Competitiveness:** Since its opening in April, 2017, Pitt-Johnstown has been developing, sustaining, and enhancing programming offered through the John P. Murtha Center for Public Service and National Competitiveness that encourages community service, bridges partnerships with the community, supports the exceptional service of our military, and improves the economy.

    This programming includes:

    1. **John P. Murtha Public Service and Policy Speaker Series:**

        This series has featured an outstanding lineup of political leaders, authors, and academia with expertise in areas of local and national public policy. The year-long, interdisciplinary and multi-platform series brought to Pitt-Johnstown prominent experts in such areas as such as economic development, military and veterans affairs, education, diversity and human rights, health, taxation, and government public service to educate and debate issues of local and national significance.

    2. **John P. Murtha Fellows Program:**

        The Murtha Fellows Program, launched in 2017, is a semester-long, interdisciplinary program designed to provide students with first-hand experience working with leaders involved in policy-making and administration. Student fellows have the opportunity to develop leadership skills, expand their knowledge of public issues, and engage in public service. During the semester, Murtha Fellows met with public officials— including members of Congress, state legislators, and regional officials—shadowed a legislator at the Capitol in Harrisburg, and attended meetings of the Johnstown City Council and other public agencies.

**University of Pittsburgh at Titusville**

• **Student Honor:** University of Pittsburgh at Titusville student Kelcie Prinkey of Brookville, PA, was selected as one of 207 Phi Theta Kappa members named a 2017 Coca-Cola Leaders of Promise Scholar and received a $1,000 scholarship.

• **Faculty Honor:** Dr. Richard Mulcahy, Professor of History, received the Pennsylvania History Association’s Philip S. Klein Award for the best article in Pennsylvania History. The article is entitled, “The Justice, The Informer, The Composer.”

• **College Fair:** The University of Pittsburgh at Titusville hosted its annual college fair in November 2017. Representatives from 54 institutions of higher education, technical schools, and the military participated. The University welcomed 697 students from 11 different high schools.

• **National Association for Campus Activities Mid Atlantic Region’s Outstanding Multicultural Program Award:** Pitt-Titusville’s Division of Student Affairs was the recipient of the 2017 National Association for Campus Activities Mid Atlantic Region’s Outstanding Multicultural Program Award for its participation in the University of Pittsburgh’s Year of Diversity in 2016.

• **HOTAfest:** Pitt-Titusville hosted HOTAfest (Heart of the Arts Folk Music and Arts Festival), sponsored by the Titusville Council on the Arts, in July 2018. Three different concerts by renowned folk musicians were held in the Henne Auditorium.

• **Student Engagement:** In 2017–18, 205 students performed 643 hours of volunteer service. In addition, two students joined Pitt-Bradford students for a Habitat for Humanity project in Winston-Salem, N.C, during spring break.

• **Community Concerts:** Pitt-Titusville sponsored three concerts for the community during the 2017–18 academic year. The concerts were Los Valientes about Hispanic Heritage, an African Drum and Dance Ensemble, and Six Appeal—an acapella group. The total attendances for all three events was 354.

• **Hate Has No Home Here Project:** In coordination with the Titusville YWCA, Pitt-Titusville sponsored a Hate Has No Home Here event for the community. Community members were provided signs stating that Hate Has No Home Here and they signed a pledge. Students signed a pledge at a campus event and provided posters for their rooms.

• **Staff Volunteer Projects:** The staff supported four families through the Salvation Army Christmas project. The staff provided gifts and food for the four families. The staff participated in the annual Titusville Relay for Life.
CONCLUSION

At the University of Pittsburgh, we value our partnership with the Commonwealth of Pennsylvania and look forward to continuing to work together to promote the shared goal of building prosperity within our state. Pitt’s long-term, ongoing commitment—with highly successful outcomes—to serving as a key creator of educational opportunity, as a strong community partner, and as an economic engine is the basis of our request for an increase in state funding.

The collective efforts of the entire University community are driven by belief in the power of higher education and in the societal benefits of making life-enhancing university opportunities available at a reasonable cost. With certainty, we know that products of University research improve the human condition and these advances now stand at the center of this region’s innovation-driven economy. At the University of Pittsburgh, we are aware of how fortunate we are to be part of a community that includes so many talented and committed individuals.

Thanks to strong support from the Commonwealth for the current fiscal year, Pitt was able to hold 2018-2019 tuition rates level for virtually all Pennsylvania undergraduates. The University also held room and board rates steady with no increase, however, the Commonwealth appropriations of recent years, for which we are grateful, unfortunately have not fully addressed the inflationary impacts of prior years of no increase and funding challenges, including the deep cut experienced between FY 2011 and FY 2012.

Pennsylvania lags behind nearly every state in the nation in its investment in higher education funding, placing the burden of making up the difference on students and their families. A sustained and adequate investment by the Commonwealth is needed to address affordability for students and to maintain the quality that has made Pitt a top choice among the highest achieving Pennsylvania students.

Pitt has done its part by aggressively pursuing strategies to reduce financial and operating risk throughout the institution, with an ongoing focus on implementing revenue enhancement and cost management measures to position the University proactively for growth and success.

As described throughout this presentation, prudent management of our operations has allowed us to control and reduce costs on all five of our campuses while maintaining quality in all aspects of our operations. We have been systematically strengthening our research and entrepreneurial and start-up efforts, as well as our community collaborations, all of which support economic growth for the Commonwealth. These efforts serve as tangible evidence of our commitment to keeping tuition affordable while maximizing the impact of our mission.

In order to continue to maximize its impact in serving as both a magnet for high-achieving Pennsylvania students and a powerful engine for economic growth, the University of Pittsburgh’s appropriation request for fiscal year 2019–20 is $185,405,000, an increase of 6.5 percent. This amount includes Pitt’s General Appropriation and Medical Funding via the Department of Human Services.

With gratitude for past support, we look forward to a strong partnership with the Commonwealth in continuing the University’s unbroken 232-year tradition of building better lives.
BUDGET REQUEST
A Culture of Accountability

Over the last 20 years, the University implemented a long-term, systematic strategy to focus its investment in its core academic and student life programs. That strategy called for partnerships among the University, students and their parents, research sponsors, alumni, friends, and the Commonwealth to provide the resources required to achieve the necessary improvements.

Unfortunately, due to the decline in Commonwealth support, a greater share of the burden has had to be carried by students, their parents, and private donors. Their support for the University has demonstrated that the value of a Pitt education and the contributions that Pitt makes to the people of the Commonwealth are widely recognized. Despite higher-than-hoped-for tuition levels necessitated largely by cuts in Commonwealth support, both the number of applications and the qualifications of the students who enroll have improved greatly. Moreover, Pitt’s funded research base has grown robustly in the national arena and donors have been compelled to invest in the University’s promise and its future.

But the University competes, as it must, with institutions that have far larger resource bases. To succeed competitively and to thrive ahead, Pitt has been very careful and thoughtful in its investment strategy that it has followed faithfully each year.

The University of Pittsburgh is a far different institution than it was 25 years ago, and its improvements have been annual and systematic. These changes are the result of careful planning and an investment strategy that directed resources to high-priority areas. Each year, through the budget process, every unit of the University critically examines every aspect of its operation and reallocates its own existing resources toward emerging priorities. The budget process annually identifies specific pools of funds for investment by senior officers to areas of highest promise. Through this reallocation, the University has developed numerous new academic and student life programs that are highly attractive to students, been successful in recruiting and retaining a superior faculty, built a high-quality research environment, modernized the physical plant, implemented enterprise management systems, and developed world-class information technology and library systems.

Through its structured process of goal setting, reallocation of resources, and assessment of results, Pitt has put in place a culture of accountability that ensures the effective use of resources. The University is clear in its goals, has definitive strategies by which to attain those goals, and carefully measures its effectiveness in all of its efforts. Based on this culture, the University is well positioned to make the most effective use of additional investments, particularly by the Commonwealth.

Cost Savings, Efficiencies, and Revenue Enhancement Initiatives

The University of Pittsburgh continues to make impressive progress in its drive to ever-higher quality—in academic excellence, ground breaking research, community outreach, and all other aspects of this major public research university—even as it has controlled its expenses by creating efficiencies, cutting costs, raising revenues from federal research grants and private fundraising, and tightening its overall budget. As a result, Pitt continues to be a primary driver of the Western Pennsylvania economy.

All this has been accomplished in spite of challenges in state support, which continues to dwindle. The University now receives less than 8 percent of its overall budget from the state versus the more than 30 percent it received in the mid-1970s.

Pitt has done the best it could in the face of state budgets that have severely eroded the Commonwealth’s original commitment to the University since it became state-related in 1966. Pitt’s record of doing more with less is equal to any university in the country. Its sound financial management of the University has been recognized by a number of independent resources, including the Middle States Commission on Higher Education team.

Both financial rating firms (Standard & Poor’s and Moody’s Investors Service) have affirmed the University’s long-term and short-term ratings (AA+/A-1; Aa1/VMIG1, respectively) and stable outlooks, concurrent with the upcoming issuance of the Pitt Asset Notes – Tax Exempt Higher Education Registered Series of 2018 (Series 2018 PANTHERS™). The Series 2018 PANTHERS™ will reimburse the University for prior capital and equipment expenditures. Proceeds from this issuance will generate additional investment income over the three-year period.

Standard & Poor’s commented in its August 16, 2018 credit report “We assess Pitt’s enterprise profile as extremely strong, reflecting the comprehensive research-based University’s strong demand and enrollment measures, as well as its solid senior management team. We assess the university’s financial profile as very strong, reflecting good revenue diversification, strong and consistent financial operating performance, and solid available resource ratios for the rating category.” Standard & Poor’s further states, “The stable outlook reflects our belief that the University will sustain its strong demand characteristics, diversified revenues, and solid operations and financial resource ratios relative to the rating category during the next two years.” Standard & Poor’s would consider an upgrade to the University’s outlook if there is improvement in demand, consistent financial operations, growth in financial resources relative to peers, and a smooth transition of senior management. Moody’s Investor Service further expounds in its August 13, 2018 report: “Pitt’s strong academic reputation, diversified programs, and urban location will continue to translate into excellent strategic
positioning and overall consistent student demand despite the competitive landscape.”

In FY 2017, the University issued its Series 2017 A/B/C Taxable Bonds that generated interest cost savings and eliminated costs and requirements related to federal post-issuance compliance. Positive factors cited within the Standard & Poor’s April 24, 2017 credit report included: “stable enrollment, solid student demand, and strong student quality; good revenue diversity from student tuition and fees, research grants, gifts, endowment income and state operating appropriations.” In addition, the April 19, 2017 Moody’s Investor Services credit report noted that the long-term rating reflects the University’s “significant scale of operations and strong financial resources, with consistently healthy operating performance and manageable debt levels. The rating favorably considers Pitt’s excellent strategic positioning as a premier urban academic and research institution with a strong student market.”

In regard to continuing challenges facing the University, Standard & Poor’s noted: “a continued strained federal funding environment for research; declining number of high school graduates in the region, mitigated by Pitt’s national draw; and significant other postemployment benefits.”

Pitt’s long-term credit ratings are just one notch shy of the highest AAA/Aaa long-term rating level.

How has Pitt accomplished so much during a time of diminishing state support? The following are examples of the cost-cutting and efficiency measures that have been implemented:

- **Channeled Spending Program and Strategic Purchasing:** The University consolidated suppliers and negotiated better pricing and volume discounts, resulting in savings of $10 million in FY 2018.

- **Budget Cuts:** The steady erosion of state support has resulted in several University budget reductions totaling $60 million over the past ten years.

- **Postretirement Medical Benefits:** The University redesigned its postretirement medical benefits program to increase eligibility requirements and cap University contributions. Cumulative savings over the past four years amounted to nearly $35 million.

- **Bonds Issued:** As noted earlier, the University issued $777 million in fixed-rate taxable refunding bonds in 2017 resulting in the legal defeasance of existing debt and total net savings of $26 million.

- **Energy Conservation:** Pitt is consuming less energy per square foot than its peer institutions with overall energy cost per square foot decreasing by 16 percent since FY 2012. This has been accomplished through an aggregate of new energy efficient construction, campus energy conservation measures, and ongoing Lower Campus chiller plant optimization.

- **Information Technology (IT) and Telecommunications:** Through various improvements in IT and telecommunications strategy and sourcing, the University has saved approximately $6 million over the past four years.

- **Employee Benefits:** The University extended the employee vesting period for its defined contribution plan, saving $4.7 million over the past four years.

- **Electronic Reporting:** Through the electronic distribution of departmental budget reports, student bills, paychecks, and other departmental reports, the University saves approximately $2 million annually through reduced paper usage and postage, printing, and labor costs.

- **Sponsored Projects Administration Productivity:** Through the use of an Oracle-based reporting and accounting system, an improved organizational structure, and more efficient operations, the University’s research and cost accounting department is now able to administer over $47 million in research activity per staff member versus only $19 million in FY 2000.

- **Administrative Restructuring:** The University has realigned resources to meet academic needs through administrative restructuring, which saved costs and personnel. The administration of the College of General Students has been moved into the Kenneth P. Dietrich School of Arts and Sciences. Major administrative restructuring has occurred in the School of Dental Medicine and at the Bradford and Titusville campuses.

- **Programmatic Consolidation and Elimination:** Schools realign resources to meet student demand. As resources are directed away from programs with low student demand, they are either consolidated or formally removed from the course catalog. As a result of this process, 66 academic programs have been eliminated over the past 20 years.

- **Voluntary Early Retirement Plan:** In 2012, the University implemented a voluntary early retirement plan for qualified staff employees; 352 staff members participated in the program, resulting in a total savings of $16 million.

- **Cost Control:** The University has not given a standard non-compensation, nonfinancial aid increase in the operating budgets of the schools, centers, and regional campuses in more than 20 years. This means that outside of new costs brought about by new facilities or initiatives, the University has not increased budgets in categories such as mailing, supplies, and travel costs. This budgetary discipline is critical in incentivizing the various cost savings initiatives, as well as in managing the impact of inflation.

In response to this challenging economic environment, the University has focused on maximizing its resources; implementing efficiencies and cost-saving programs; and carrying out its three-part mission of education, research, and public service without sacrificing quality.
LINE ITEM OVERVIEW

Until FY 2010, support for the University of Pittsburgh from the Commonwealth was distributed into various line items. With approval of that state budget, the historical nonmedical line items (Educational and General, Services for Teens at Risk, Disadvantaged Students, and Student Life Initiatives) were absorbed into one General Support funding line. The Rural Education Outreach line was included with General Support until FY 2012, when it was separated back to an individual line within Pitt’s appropriation. The University continues to allocate funding according to these historical line items using the same proportion of each line item total from the FY 2009 budget.

Line Item: General Support

The University of Pittsburgh’s Educational and General expense funding comes from two primary sources: the annual Commonwealth of Pennsylvania appropriation and student tuition payments. These two revenue streams provide our major source of discretionary income. The Educational and General funding we receive determines our ability to continue Pitt’s progress in meeting our mission.

Although Pitt receives significant levels of funding in sponsored research and private gifts, the vast majority of these dollars are designated by the donors and legally required to be used for their specified purposes. These funds cannot be reallocated to cover general operating expenses or to meet other urgent needs. The Educational and General funds are the dollars the University must stretch to keep faculty and staff salaries competitive, maintain facilities, invest in library collections, improve student access to technology, provide a safe environment for all members of the Pitt community, and enhance student extracurricular community and recreational learning opportunities.

The level of Commonwealth support for Educational and General purposes affects the tuition Pitt must charge its students. Over the years, even prior to the massive cuts in FY 2012, Pennsylvania has been a “low-appropriation/high-tuition” state. The University has worked diligently and extensively to implement cost-cutting and operational efficiencies to offset declining Commonwealth support while maintaining a high quality of education. Although Pitt has done much to streamline its operations, the need to sustain excellence and preserve access remain our primary concerns. An adequate and predictable increase in our appropriation is an essential element if Pitt is to address the issue of affordability as it continues to offer a quality education to qualified, high-achieving Pennsylvania students.

Rural Education Outreach

With the Rural Education Outreach line item, the University of Pittsburgh at Bradford continues to deliver educational services to the most rural populations in Pennsylvania (McKean, Elk, Cameron, Forest, Potter, Crawford, and Warren counties). These funds enable Pitt-Bradford to dedicate resources to meet the region’s special postsecondary, training, and business needs. Through new programs, computer/technology training, and business workshops, along with technical assistance, Pitt-Bradford continues to improve the workforce and the competitiveness of north-central/northwestern Pennsylvania.

Funds in the Rural Education Outreach line item support the academic degree programs of accounting, hospitality management, computer information systems and technology, forensic science, and nursing, and proposed new academic programs in engineering technology. Additionally, the line item supports the professional development, workforce development, and business services administered by the unit of Continuing Education and Regional Development.

A recent economic impact study showed that Pitt-Bradford contributes more than $67 million to the regional economy each year. Pitt-Bradford supports 555 direct jobs and an additional 184 positions produced by the indirect effects of the University’s expenditures. Additionally, 56 percent of Pitt-Bradford graduates remain in the region, contributing significantly to an educated workforce.

Pitt-Bradford assumed administrative oversight of the University of Pittsburgh at Titusville (Crawford County) in May 2012 as part of a restructuring aimed at increasing operational efficiencies and collaborative programming.

Former Line Items

Services for Teens at Risk (STAR-Center)

STAR-Center, founded by the Pennsylvania General Assembly, is in its 32nd year of developing, providing, and disseminating best practices for the prevention and treatment of adolescent suicidal behavior to educational and health professionals, families, and youth at risk. STAR-Center is an internationally-recognized leader in youth suicide prevention, impacting best practices in training and outreach, clinical care, and the creation of new knowledge.

Clinical care: STAR-Center provides rapid and comprehensive outpatient assessment and treatment for depressed, anxious, and suicidal youth with intensity ranging from outpatient, to an Intensive Outpatient Program (IOP), that provides for step-down or diversion from psychiatric hospitalization. In response to
Commonwealth-wide concern about suicide in college students, STAR-Center has developed CO-STAR (College-Option Services for Transition Age Youth at Risk), an IOP for Western PA college students, to help depressed, anxious, and suicidal students.

- 396 new adolescent patients assessed this year and an additional 90 undergraduate college students, for a total of 486 new patients, a 21 percent increase.

- Over 350 adolescents treated in outpatient and IOP, with the average of 18 youth per week treated in our Intensive Outpatient Program (IOP) and 70 patients from six colleges and universities have been treated this year in CO-STAR, since 9/11/17, when the program began. (20 percent increase in IOP patients treated)

- Offered support for 21 individuals bereaved by suicide through the Survivors of Suicide (SOS) group.

**Training and outreach:** STAR-Center continues to provide free training and technical assistance to educators and mental health professionals throughout the Commonwealth. Our annual conference, held in Pittsburgh, saw a 34 percent increase in attendees this past year.

- Over 1,000 educators, mental health clinicians, and parents from 27 counties were trained through our statewide outreach as part of Act 71.

- 480 individuals from 16 counties attended the Annual STAR-Center Conference – This year’s keynote addresses: “Youth Suicide in the Digital Age: Impact of Social Media on Teen’s Suicidal Risk” and “Supporting Students with Anxiety and Depression at School: What Works?” are available on the STAR website (www.starcenter.pitt.edu).

- 20,307 manuals were downloaded from our website (www.starcenter.pitt.edu).

- Close to 100 professionals, residents, graduate interns, and medical students trained through our long- and short-term training opportunities at STAR.

- STAR-Center provided training and technical assistance to Children’s Hospital of Philadelphia (CHOP) to develop a clinical program for suicidal youth modeled on STAR, including an Intensive Outpatient Program.

**State prevention initiatives:** In conjunction with the statewide SAMHSA “Suicide Prevention in Schools and Higher Education” grant, awarded in 2014, STAR-Center now provides technical assistance and pivotal leadership to suicide prevention efforts across the lifespan (www.preventsuicidepa.com), including:

- STAR-Center contributed content for a free training suicide prevention platform that has already reached nearly 2,500 learners (www.preventsuicidepalearning.com)

- In the Spring of 2018, STAR-Center participated in a two-day statewide suicide prevention conference sponsored by Prevent Suicide PA, offering a workshop on postvention efforts in schools, with nearly 200 overall conference attendees.

- STAR-Center provided a webinar for HESPC (Higher Education Suicide Prevention Coalition) on “Postvention Recommendations in Higher Education” (www.hespc.org).

- STAR-Center Director Dr. David Brent provides a webinar annually, with a targeted audience of physicians and other clinical professionals. This year’s webinar, “Novel Approaches to the Assessment and Management of Suicide Risk in Adolescents,” is available on the Prevention Suicide PA website (www.preventsuicidepa.com)

**Research:** This year alone, we have brought in $7.1 million in new federal and foundation funding, returning the investment of the Commonwealth over 17-fold. STAR faculty hold nine NIMH-funded grants and four foundation grants on:

- Use of technology to extend and enhance interventions for suicidal youth in emergency rooms, in pediatric primary care, and after discharge from psychiatric hospitals (www.ncbi.nlm.nih.gov/pubmed/30021457)


- Developing efficient screening tools for suicidal youth in mental health clinics and pediatric emergency rooms


- Identifying brain imaging signatures of suicidal thinking and behavior that can be targeted with treatment (https://www.ncbi.nlm.nih.gov/pubmed/29367952)

Our request for an increase is related to the increased demand for services over last year, including a more than 20 percent increase in new patients, the addition of a program for college students at risk (CO-STAR), and a 34 percent increase in conference attendance.
Academic Medical Center Funding: School of Medicine*

The School of Medicine is one of the nation’s leading academic centers of basic and applied research. The school is the nucleus of the region's cutting-edge biomedical research initiatives and home to a growing number of world-class investigators engaged in research in accelerating fields such as cell biology and drug discovery; immunology; developmental and structural biology; regenerative medicine; cancer diagnostics and therapeutics; molecular biology, genomics, and proteomics; bioinformatics and computational biology; neuroscience; precision medicine; and comparative effectiveness research. Since 1998, Pitt has consistently ranked among the nation's top 10 educational institutions and affiliates in National Institutes of Health research funding. In federal fiscal year 2016, the faculty of the University ranked fifth in dollars awarded, with more than $528 million in total funding, approximately 80 percent of which was attributable to the School of Medicine.

Although noted for research, the School of Medicine makes educating tomorrow’s physicians its top priority. The school’s curriculum melds medicine’s scientific and humanistic aspects by emphasizing patient involvement from the first day of medical school. Students train in a broad variety of community settings, and each student engages in a research project aimed at cultivating creative and independent thinkers in medicine and biomedical science. Students begin learning about addiction medicine and the opioid epidemic early in the first year and continue the process throughout the curriculum during sessions that provide essential knowledge and patient-counseling skills in pain management and addiction. The school’s accreditation was renewed for the maximum period of eight years in 2011 by the Liaison Committee on Medical Education (LCME), the accrediting authority for MD degree programs in the United States and Canada. The school is now preparing for its upcoming LCME review in 2019.

As of the 2018–19 academic year, the School of Medicine had 579 MD students, of whom 315 (54 percent) are women and 264 (46 percent) men. Of these, 187 (32 percent) were from Pennsylvania. Approximately 17 percent of the students were from groups underrepresented within the medical profession.

Graduate training programs in the School of Medicine are organized along programmatic rather than departmental lines, enabling graduate students to conduct research with faculty mentors in virtually all of the school’s 31 departments. PhD students may focus on cell biology and molecular physiology, cellular and molecular pathology, microbiology and immunology, molecular genetics and developmental biology, molecular pharmacology, biomedical informatics, computational biology, molecular biophysics and structural biology, neurobiology/neuroscience, integrative systems biology, and clinical and translational science. Master’s degrees are offered in biomedical informatics, clinical research, and medical education. Given the documented national need for continued expansion in the quality and number of physicians, in 2017 Pitt began offering a special biomedical master’s degree designed to prepare students who would be excellent physicians but have had less-than-optimal preparation for medical school. Following graduation, skilled scientists from all of these training programs will become the next generation of university researchers and teachers as well as leaders in the entrepreneurial workforce of the Commonwealth’s biotechnology cluster.

The Center for Continuing Education in the Health Sciences serves approximately 244,000 physicians and other health professionals annually through formal courses, case conferences, and self-study activities. The vast majority of the center’s participants practice in urban and rural settings within the Commonwealth of Pennsylvania. Through its extensive programming, the center has addressed a variety of the Commonwealth’s major public health and quality issues, including the opioid crisis, provision of behavioral health services in underserved areas, increased rates of hepatitis C infection among incarcerated populations, and value-based care delivery. As part of the academic missions of the University of Pittsburgh and UPMC, approximately 75 percent of the center’s activities are offered to participants at no cost. The 50 percent cut to Pitt’s Academic Medical Center funding in FY 2012 resulted in a further reduction of the tuition discount for Pennsylvania students.

The ultimate result of this diminishing support is that the differential between in-state and out-of-state tuition has decreased to a level at which many Pennsylvania resident students seek their medical education and training out of state. This reduction in the number of physicians receiving education and training in Pennsylvania could greatly reduce the pool of individuals willing to practice in the Commonwealth.

*Pitt’s School of Medicine funding since 2006 is contained within the Academic Medical Center line in the Department of Human Services Budget.

Academic Medical Center Funding: Dental Clinic, School of Dental Medicine*

The School of Dental Medicine provides dental care to patients through 14 on-site dental clinics. Specialties include restorative dentistry/comprehensive care, dental hygiene, pediatric dentistry, orthodontics and dentofacial orthopedics, periodontics and preventive dentistry, endodontics, prosthodontics, oral and maxillofacial surgery, and dental anesthesiology. The school also operates a contemporary, well-equipped Center for Patients with Special Needs, where the number of unique patients seen each year has grown from 465 in 2010 to 639 in 2017. In the past five years, more than 42,000 patients from Southwestern Pennsylvania have been treated at the school, and in 2017 alone, nearly 100,000 procedures were performed.
The school’s high-quality services are provided on a nondiscriminatory basis to a large number of patients who cannot afford to receive dental care elsewhere. In 2017, the school provided free services valued at approximately $67,000 through the summer Adolescent Screening Clinic, the annual Give Kids a Smile program, and in connection with students’ board examinations. The school also offers low-income and senior discounts, as well as special reduced prices on particular services from time to time. In 2017, these fee concessions totaled $119,000. More valuable than free services and explicit discounts, however, are the low fees offered every day that save patients millions of dollars compared with typical private practice rates. For self-pay patients and those covered by Medical Assistance, these differences totaled more than $3.8 million in 2017.

The clinics also serve as the foundation of the educational program of the School of Dental Medicine, in which many of Pennsylvania’s future dental practitioners receive their training. To augment their experience in the school’s clinics, students receive additional exposure to dental public health needs of Pennsylvania residents through a mandatory curricular program called the Student Community Outreach Program and Education (SCOPE). During their external SCOPE rotation, students provide dental care in one of 20 federally qualified health care centers throughout Western and south-central Pennsylvania under the supervision of adjunct faculty members. The graduating class of 2018 performed approximately 3,900 procedures for some 2,500 patients during their health center rotations. SCOPE also creates valuable encounters between senior students, who will soon face decisions regarding where to practice, and these adjunct faculty members, who have dedicated their professional lives to serving Pennsylvanians in greatest need. Today, more than 7,500 School of Dental Medicine alumni, including many adjunct faculty members, practice in nearly every county of the Commonwealth and around the globe.

The school’s mandate to provide meaningful patient care experiences for the students who will become the region’s and the nation’s future dentists while serving the unmet oral health needs of low-income citizens of the Commonwealth presents a compelling case for increasing public funding for school-based dental services. A specific area of opportunity that would benefit both student dentists and the public is the restoration and expansion of adult Medical Assistance coverage for more advanced procedures (root canals, crowns, bridges, dentures, etc.) performed in an academic medical center such as Pitt’s.

* Pitt’s Dental Clinic (School of Dental Medicine) funding since 2006 is contained within the Academic Medical Center line in the Department of Human Services Budget.

### Academic Medical Center Funding: Western Psychiatric Institute and Clinic*

Mental and behavioral health disorders remain the leading cause of premature mortality and decline in quality of life within the United States and throughout the world, accounting for nearly 25 percent of the global burden of years lived with disability. Western Psychiatric Institute and Clinic (WPIC) has been responding to this growing public health concern for more than 60 years.

The only university-based psychiatric program and part of the only state-related academic medical center in Western Pennsylvania, WPIC is home to the Department of Psychiatry of the University of Pittsburgh School of Medicine. WPIC integrates research, education, and clinical services and has provided many opportunities to bring the latest knowledge and best practices quickly into clinical settings and ultimately to individuals in need of care.

WPIC is a world leader in advancing the behavioral health field and setting the global standard for care. WPIC is at the forefront in preventing and diagnosing illness and in treating individuals recovering from mental illness and/or addiction disorders. Many individuals and families from across Pennsylvania come to WPIC and its network sites for assessment and treatment in nationally recognized programs of clinical excellence.

In the 2017–18 academic year, WPIC provided more than 375,000 services through its inpatient and ambulatory programs. Its 24-hour crisis program provided more than 240,000 services. Many of these individuals required immediate intervention and care.

WPIC continues to expand the use of telepsychiatry services, providing additional access to a full range of clinical expertise and consultation from WPIC, with more than 12,000 visits annually to sites located in 15 counties. Community clinics receive 70 percent of WPIC’s telepsychiatry services, which are provided by 23 psychiatrists.

WPIC provides a comprehensive continuum of integrated services for individuals with co-occurring substance use and psychiatric disorders. In the 2017–18 academic year, WPIC’s addiction clinics provided more than 40,000 services across all levels of care. WPIC also hosts the Center of Excellence funded by the Pennsylvania Department of Health. The program serves as an open-access hub for individuals with Medicaid (or who are uninsured) who seek help with opioid use.

WPIC’s pediatric integrated care has also expanded across Western Pennsylvania, with the Telephonic Psychiatric Services (TiPS) model of telephonic access to psychiatry. The TiPS program supports primary care practice in 23 counties.
WPIC’s Crisis Training Institute provides an array of training in crisis management, trauma informed care, suicide intervention, mental health awareness, and critical incident stress management (CISM). CISM serves as the basis for the 40-plus members of the ASAP Staff Support Team, which provides support to individuals within WPIC and Allegheny County affected by an adverse event. In the past academic year, more than 140 individuals were trained in CISM, increasing the Commonwealth’s behavioral health response capabilities.

As the leading provider of behavioral health workforce development and training in the Commonwealth, WPIC is an academic training center for medical students, psychiatric residents, other health professionals, students, and pre- and postdoctoral fellows.

WPIC remains a national leader in research funding awarded by the National Institutes of Health. Approximately 80 percent of WPIC research funding supports clinical research projects.

The 50 percent cut (approximately $3.6 million) to Pitt’s Academic Medical Center funding in FY 2012 has had widespread adverse effects on WPIC, including (1) the inability to absorb the cost of care for indigent patients at WPIC’s 253 licensed beds and more than 85 ambulatory programs that historically have served the needs of individuals and families in the region and (2) staff reductions that reduce WPIC’s research and training capacity, resulting in fewer grants and contracts and lost job creation.

*Pitt’s Western Psychiatric Institute and Clinic funding since 2006 is contained within the Academic Medical Center line in the Department of Human Services Budget.

Academic Medical Center Funding: Center for Public Health Practice*

The Center for Public Health Practice (CPHP), established in 1995 with an appropriation from the Commonwealth of Pennsylvania, is a catalyst for engaged scholarship in public health through applied research, practice-based teaching, and professional service. CPHP’s programs include workforce training, cutting-edge research and education in public health practice, and technical consultation and development for the Commonwealth’s public health agencies.

CPHP was awarded a multimillion-dollar grant from the U.S. Department of Health and Human Services (HHS), Health Resources and Services Administration to establish and operate the Mid-Atlantic Regional Public Health Training Center (MAR-PHTC). As one of 10 centers in the national network, MAR-PHTC joins with partners from across the region, including departments of health, community health center associations, and academic institutions to provide training for the public health and community health center workforces in Pennsylvania; West Virginia; Virginia; Delaware; Maryland; and Washington, D.C. Skill-based training is developed and delivered in both face-to-face and distance-accessible modalities to address the assessed needs of the current public health and community health center workforces. Experiential learning opportunities—projects supported by faculty advisors and field placements—are provided to students of public health throughout the region.

CPHP was funded by HHS, U.S. Centers for Disease Control and Prevention (CDC) to strengthen the public health workforce by providing emergency response volunteers with the Emergency Law Inventory, an open-access repository of more than 1,500 legal summaries identified by the Medical Reserve Corps as relevant to volunteer service.

Currently, CPHP is developing online training modules, as well as a resource library, to assist tribal nations interested in expanding their legal preparedness capacity via the CDC-funded Tribal Legal Preparedness Project.

CPHP completed Phases I and II of the Louisiana Public Health Emergency Law Bench Book for the Louisiana Department of Health. Trainings were also conducted in Baton Rouge concerning the application of such laws.

CPHP worked in consort with the School of Medicine, School of Pharmacy’s Program Evaluation and Research Unit, and Pennsylvania Department of Health to develop seven modules to educate physicians, pharmacists, and their delegates in using Pennsylvania’s Prescription Drug Monitoring Program.

The Pennsylvania Department of Health funded CPHP to conduct emergency operation planning workshops for nursing homes and childcare centers throughout the state and to develop training modules for its learning management system. The department has provided funding to CPHP to implement a prevention program, WalkWorks, aimed at increasing opportunities for physical activity through the creation of walking routes in rural areas in which data reflected high rates of obesity and related chronic diseases. Eighty-two one-to-two-mile walking routes have been created in 17 counties throughout the Commonwealth. WalkWorks has also provided funding to four municipal entities for the development of active transportation plans. While the initial funding period ended on June 30, 2018, the Department of Health has committed to expanding the program by providing funds through 2023.

Since 2009, funding from the Commonwealth of Pennsylvania to CPHP has been greatly reduced. This loss of core support reduces CPHP’s ability to compete for grants and contracts from federal agencies and other funding sources—multiplying the funding loss to millions of dollars. The impact of these cuts is felt in job losses, reduced educational capacity, and decreased research productivity, thereby affecting the Commonwealth.

*Pitt’s Center for Public Health Practice funding since 2006 is contained within the Academic Medical Center line in the Department of Human Services budget.
THE UNIVERSITY OF PITTSBURGH FY 2019–20 BUDGET REQUEST
The University of Pittsburgh requests the following amounts in our appropriation for the upcoming fiscal year:

<table>
<thead>
<tr>
<th>Line Items</th>
<th>FY 2019–20 Budget Request (in thousands)</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Support</td>
<td>$168,344</td>
</tr>
<tr>
<td>Allocated to Educational and General, Disadvantaged Students, Services for Teens at Risk, and Student Life Initiatives</td>
<td></td>
</tr>
<tr>
<td>Rural Education Outreach</td>
<td>3,031</td>
</tr>
<tr>
<td><strong>TOTAL NONPREFERRED APPROPRIATION REQUEST</strong></td>
<td><strong>171,375</strong></td>
</tr>
<tr>
<td>Academic Medical Center Funding* (through the Department of Human Services)</td>
<td></td>
</tr>
<tr>
<td>School of Medicine*</td>
<td>6,869</td>
</tr>
<tr>
<td>Dental Clinic*</td>
<td>808</td>
</tr>
<tr>
<td>Western Psychiatric Institute and Clinic*</td>
<td>6,030</td>
</tr>
<tr>
<td>Center for Public Health Practice*</td>
<td>323</td>
</tr>
<tr>
<td><strong>TOTAL ACADEMIC MEDICAL CENTER FUNDING</strong></td>
<td><strong>14,030</strong></td>
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<tr>
<td><strong>GRAND TOTAL REQUEST General Support and Academic Medical Center</strong></td>
<td><strong>$185,405</strong></td>
</tr>
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</table>

* The Academic Medical Center funds are aggregated within the Department of Human Services budget and include matching federal Medicaid funds. The amounts listed are estimates pending confirmation from the Department of Human Services.
## TABLES AND MAPS

### UNIVERSITY OF PITTSBURGH
Fiscal Year 2019-20
Commonwealth Appropriation (In Thousands)

<table>
<thead>
<tr>
<th></th>
<th>FY 2018 Actual</th>
<th>FY 2019 Budget</th>
<th>Requested FY 2020</th>
<th>Governor's Preliminary FY 2020</th>
<th>Change from FY 2019 Budget</th>
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<tbody>
<tr>
<td><strong>General Support:</strong></td>
<td></td>
<td></td>
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<td></td>
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<tr>
<td>General Support per General Fund Budget(^{(1)})</td>
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<td>Less: General Fund Portion Federalized(^{(1)})</td>
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<tr>
<td>Add: New Federalized General Support(^{(2)})</td>
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<td>Rural Education Outreach</td>
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<td><strong>Total General Support(^{(3)})</strong></td>
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<td><strong>Academic Medical Centers (AMC):</strong></td>
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<td></td>
<td></td>
<td></td>
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<tr>
<td>School of Medicine</td>
<td>6,450</td>
<td>6,450</td>
<td>6,869</td>
<td>6,450</td>
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<td>WPIC</td>
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<td>Dental Clinic</td>
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<td>Public Health</td>
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<td>323</td>
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<td><strong>Total AMC Funding(^{(4)})</strong></td>
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<td><strong>GRAND TOTAL</strong></td>
<td>$169,680</td>
<td>$174,089</td>
<td>$185,405</td>
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<td>$0 0.0%</td>
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</table>

\(^{(1)}\) These line items are funded by the Commonwealth of Pennsylvania’s General Fund budget.

\(^{(2)}\) This new line item represents federal Medicaid funds.

\(^{(3)}\) The Total General Support line item is allocated by the University to Educational and General operations and the Disadvantaged Students and Services for Teens at Risk programs.

\(^{(4)}\) These line items are funded by the PA Department of Human Services budget and include federal Medicaid funds.
# Headcount Enrollment by Campus, School, Level, and Status

## Pittsburgh Campus, Regional Campuses, and University Total

### Fall Term 2018

<table>
<thead>
<tr>
<th>Campus</th>
<th>Undergraduate</th>
<th>Graduate</th>
<th>Doctorate-Professional Practice</th>
<th>Total - All Levels</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Undergraduate</td>
<td>Graduate</td>
<td>Doctorate-Professional Practice</td>
<td>Total - All Levels</td>
</tr>
<tr>
<td></td>
<td>Full-Time</td>
<td>Part-Time</td>
<td>Total</td>
<td>Full-Time</td>
</tr>
<tr>
<td>Pittsburgh Campus</td>
<td>11,010</td>
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<td>11,380</td>
<td>1,273</td>
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<tr>
<td>Kenneth P. Dietrich School of Arts and Sciences</td>
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<td>11,380</td>
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<tr>
<td>College of General Studies</td>
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<td>377</td>
<td>978</td>
<td>601</td>
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<tr>
<td>Joseph M. Katz Graduate School of Business</td>
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<td>750</td>
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<tr>
<td>School of Education</td>
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<td>9</td>
<td>213</td>
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<tr>
<td>Swanson School of Engineering</td>
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<td>2,984</td>
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<td>379</td>
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<td>School of Social Work</td>
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<tr>
<td>School of Computing and Information</td>
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<td>39</td>
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<tr>
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<td>655</td>
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<tr>
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<td>182</td>
<td>3</td>
<td>81</td>
<td>3</td>
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<tr>
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<td>457</td>
<td>147</td>
<td>604</td>
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<tr>
<td>School of Medicine</td>
<td>358</td>
<td>141</td>
<td>499</td>
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<tr>
<td>School of Health and Rehabilitation Sciences</td>
<td>531</td>
<td>12</td>
<td>543</td>
<td>451</td>
</tr>
<tr>
<td>University Center for Social and Urban Research</td>
<td>20</td>
<td>20</td>
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<td>20</td>
</tr>
<tr>
<td>Total</td>
<td>18,421</td>
<td>909</td>
<td>19,330</td>
<td>5,446</td>
</tr>
<tr>
<td>Total</td>
<td>23,775</td>
<td>1,169</td>
<td>24,944</td>
<td>5,446</td>
</tr>
</tbody>
</table>

Note: The EdD degree program in the School of Education, which had been categorized as a Doctorate-Research/Scholarship degree, was restructured as a Doctorate-Professional Practice degree in June 2014. Beginning in Fall Term 2015, all EdD enrollments are reported here as Doctorate-Professional Practice, even as a number of continuing students are completing their studies via the Doctorate-Research/Scholarship track.
### FTE Enrollment by Campus, School, Level, and Status

#### Pittsburgh Campus, Regional Campuses, and University Total

**Fall Term 2018**

<table>
<thead>
<tr>
<th>Campus</th>
<th>Undergraduate</th>
<th>Graduate</th>
<th>Doctorate-Professional Practice</th>
<th>Total - All Levels</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Pittsburgh Campus</strong></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Kenneth P. Dietrich School of Arts and Sciences</td>
<td>11,158.0</td>
<td>1,295.0</td>
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<td>12,453.0</td>
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<tr>
<td>College of General Studies</td>
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<tr>
<td>Joseph M. Katz Graduate School of Business</td>
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<tr>
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<td>768.6</td>
<td></td>
<td>3,722.0</td>
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<td>532.6</td>
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<tr>
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<td>911.2</td>
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<tr>
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<tr>
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<td>911.2</td>
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<td>Graduate School of Public Health</td>
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<td>515.8</td>
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<td>School of Medicine</td>
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<td>8.0</td>
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<tr>
<td><strong>Total</strong></td>
<td>18,784.6</td>
<td>6,076.8</td>
<td>2,148.4</td>
<td>27,009.8</td>
</tr>
</tbody>
</table>

| **Regional Campuses**   |               |          |                                 |                   |
| Johnstown              | 2,565.2       |          |                                 | 2,565.2           |
| Greensburg             | 1,458.8       |          |                                 | 1,458.8           |
| Titusville             | 202.2         |          |                                 | 202.2             |
| Bradford               | 1,231.8       |          |                                 | 1,231.8           |
| **Total**              | 5,458.0       |          |                                 | 5,458.0           |

| **University Total**   | 24,242.6      | 6,076.8  | 2,148.4                         | 32,467.8          |

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**Note:** The EdD degree program in the School of Education, which had been categorized as a Doctorate-Research/Scholarship degree, was restructured as a Doctorate-Professional Practice degree in June 2014. Beginning in Fall Term 2015, all EdD enrollments are reported here as Doctorate-Professional Practice, even as a number of continuing students are completing their studies via the Doctorate-Research/Scholarship track.
Headcount Enrollment by Pennsylvania County
Total University
Fall Term 2018

Pennsylvania Students 22,484 86.6%
(Includes 898 Unclassified)
Other U.S. Students 8,403 24.5%
(not shown on this map)
International Students 3,400 9.9%
(not shown on this map)
TOTAL 34,287 100.0%

Note: Figures include undergraduate, graduate, and doctorate-professional practice students.
Note: Data presented in the above Pennsylvania county map are the numbers of alumni of record. Furthermore, the data reflect the University’s five campuses.

Total living alumni include these alumni of record as well as those alumni who are without a current address.

“Universities are in the ‘opportunity business.’ This is great news for the Commonwealth of Pennsylvania. Pitt provides a world-class and affordable educational opportunity for Pennsylvania’s best students and a source of economic opportunity to grow the economy and create the jobs of the future. … There is no doubt: The University of Pittsburgh is an incredible investment. Even more: It’s a vital investment that directly benefits the Commonwealth, its students and their families and our future.”

PATRICK GALLAGHER
CHANCELLOR, UNIVERSITY OF PITTSBURGH
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*Except where exempt by federal or state laws.

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