

University of Rochester and the Community

A Proud Partnership



Committed to the Success of the Greater Rochester Region



The University of Rochester is committed to the success of the greater Rochester community, and our futures are inextricably linked. As the University has grown, so has the number of our connections and contributions to the vitality of the region. Every day, the University makes significant economic, educational, social, and cultural contributions to the Rochester community and to New York State.

The University provides essential benefits to the public through our core missions—patient care, research, teaching, and community health. Fulfilling these missions without both public and private support would be impossible. We serve this community best by focusing on these missions. As a result, we are one of the leading higher education and research institutions in the world today and play an active role in creating positive change in our local community.





Economic Benefits



The University of Rochester and its affiliates are responsible for approximately 56,000 jobs and \$3.5 billion in total wages across New York State.

The University partners with neighboring businesses and community organizations, the City of Rochester, and private developers on numerous projects to revitalize and redevelop the areas surrounding the University.

We helped make projects like **Brooks Landing** and **Riverview Apartments** possible by leveraging our employee and student populations and geographic proximity in order to be an anchor tenant renting office space and student housing.

In total, the University leases 1.4 million square feet of space in locations throughout the region, which involves more than \$178 million in **annual lease payments**.

We also used 16 acres of University land to develop **College Town**—the culmination of years of community planning—which not only generates tax revenue but is also revitalizing the commercial corridor that serves as a gateway to the city.

The University is a leading economic driver in this community and in New York State. We are the **largest private employer** based in upstate New York and the state's sixth-largest private employer. We are the leading and most specialized health care provider in the Finger Lakes region; the generator of an increasing number of

new jobs, technologies, and businesses; and a significant contributor to rich arts and cultural resources.

The Center for Governmental Research (CGR) has described the University as a “vital cornerstone for our region’s economic health.” According to a recent CGR report, the University of Rochester and its affiliates

- have made considerable capital investments in the last decade, totaling more than \$2.7 billion, averaging about \$290 million in capital investments per year;
- are responsible for \$3.5 billion in income in New York State;
- purchased goods and services totaling nearly \$1 billion, just in 2017;
- generated \$140 million in sales tax, personal income tax, and local property taxes (\$1.1 million in local property taxes alone);
- attracted more than \$1.7 billion in external research funding between 2012 and 2016 and \$342 million in external funding in 2017 alone;
- drew visitors who booked more than 35,000 hotel reservations and spent about \$8 million on food, lodging, and gasoline;
- has been responsible for starting up 33 local companies.

Health Care



The Medical Center provided \$80 million in discounted and unreimbursed health care to our community's most vulnerable populations.

Through the University of Rochester Medical Center's community health mission, we provide important services, wellness activities, and community-based research that are designed to improve health outcomes, reduce costs, and eliminate health disparities in Rochester.

As home to the region's only **academic medical center**, the University is also the leading source of new physicians in the area and the safety-net provider for our most vulnerable citizens.

We are home to the region's only Level I Trauma Center; neonatal, pediatric, and adult intensive care units; a burn trauma unit; surgical transplant services; and other new and specialized 24/7 care unavailable elsewhere in the community.

Our new, 245,000-square-foot **Golisano Children's Hospital** provides comfort and care to more than 85,000 children in the Finger Lakes region (and across the nation) annually.

Finger Lakes Occupational Health Services is dedicated to the diagnosis, treatment, and prevention of workplace injury and disease across nine counties in New York State.

The Medical Center provides more than \$235 million in **community benefits and services**. These include, but are not limited to

- partnerships with Monroe County, the faith community, and other collaborators to eliminate racial disparities in immunization rates;
- lead poisoning research and abatement in inner-city housing that have helped Rochester be a national model;
- tobacco cessation programs;
- operation and support of school-based health clinics that provide a full range of primary care and behavioral health services;
- dental services to inner-city and rural youth through the Eastman Institute for Oral Health's SMILEmobiles and dental outreach clinics.



Marian Ackun-Farmer, a first-year PhD student in biomedical engineering, prepares samples for dynamic light scattering.

Research

Our scientists are helping shape Rochester's emerging knowledge-based economy in fields such as optics, photonics, imaging, energy, and data science. Research at the University of Rochester has led to discoveries that directly touch all of our lives.

Our **Laboratory for Laser Energetics** is the U.S. Department of Energy's largest university-based program in the entire nation, and our lasers are the largest, most capable at any academic institution in the world.

At the **University of Rochester Medical Center**, more than 3,000 researchers are spread across more than 250 centers, institutes, and labs, pursuing lifesaving treatments and cures.

Our School of Medicine and Dentistry alone attracts more **National Institutes of Health (NIH)**—the nation's premier biomedical research agency—funding than all of the medical schools in Albany, Syracuse, and Buffalo combined. We rank among the top schools in the country, and our programs such as orthopedics, neurology, and microbiology are also best in the nation. In addition, the University of Rochester Medical Center was designated by the NIH to lead efforts to quickly advance treatments to patients and communities.

At any given time, there are more than a thousand **clinical trials and projects** under way, which provide our community early access to emerging technologies and experimental treatments and also generate new jobs and companies for our region.

Millions of lives have been saved or improved thanks to medical discoveries made by the University of Rochester, including the **world's first cancer vaccine**, the vaccine that virtually eliminated bacterial meningitis in children, and new methods to correct optical defects of the eye that have improved the vision of millions of people worldwide each year.



The University has received more than \$1.7 billion in federal research funding over the last five years.



José Fernando Zvietcovich Zegarra, a PhD candidate in the Biomedical Ultrasound Program in Electrical and Computer Engineering, conducts research to develop an in vivo, noninvasive system able to accurately measure the mechanical properties of the human cornea.

Education



The University provides nearly \$1.8 million in scholarships every year to graduates of the Rochester City School District.

The University's Warner School of Education is committed to defining educational leadership that is research based and tested against the realities confronting our nation's schools and communities.

Over the past 15 years, the **Warner School** has been awarded nearly \$20 million in grants that have supported education reform in more than 20 school districts in western New York, including focusing on ways to improve educational outcomes in urban education.

These grants supported programs in mathematics, science, literacy, and early childhood education; the education of students with significant disabilities as well as English language learners; and the professional development of more than 2,000 educators, more than half of whom engaged in extensive professional development of 50 hours or more.

Warner students in the **Get Real! Science** program organize and lead the Get Real! Environmental Action Camp, a weeklong summer camp for middle school students.

Warner students also support **Science STARS** (Students Tackling Authentic and Relevant Science), a science club for middle school girls at Rochester's East High School.

Horizons at Warner program hosts 160 Rochester City School District K-8 grade students on campus free of charge for a six-week nationally recognized summer learning program that blends academics with arts, athletics, culture, field trips, and confidence-building activities.

Since 2007, the University of Rochester's **Upward Bound** programs have supported more than 300 low-income area high school students in an effort to increase the number of Rochester City School District (RCSD) students who apply and gain admission to college. The program has a 96 percent high school graduation rate, with 90 percent of students continuing on to pursue a higher degree.



A student participates in a linguistics syntax workshop in Lattimore Hall on the University's River Campus.

A Partnership with East High School

The University of Rochester began its relationship as the Educational Partnership Organization for East High School in July 2015. The partnership, approved by the New York State Education Department in February 2015, supports a shift in the school culture, enhances the academic program, and increases support for students and staff at East to succeed.

The East community has successfully adopted a restorative practice approach to community building and to address behavioral incidents. The change in culture and discipline approaches, as well as additional student support by community partners and increased number of social workers and counselors, has resulted in a significant decrease in suspensions, increasing scholar time in the classroom and engagement with the community.

Another significant focus of the partnership has been creating a strong foundation for scholars in ninth grade and ensuring that significantly more scholars attend school and accumulate enough credits to advance from ninth to tenth grade. Ninth grade is highly predictive of future success and persistence to graduation. Before the partnership began, only 49 percent of scholars advanced on time from ninth to tenth grade. Current estimates indicate that 77 percent of ninth graders will advance to tenth grade with enough credits to keep them on track to graduate on time. The higher advancement rate is an important indicator that graduation rates will continue to improve.

In addition to the University of Rochester School-Based Health Center that has long offered medical and mental health care to East scholars, the University is expanding its support of East through the following partnerships under development:

- The UR Flaum Eye Institute and the Eastman Institute for Oral Health are working to expand vision care (screening, referral for examination, and provision of glasses) and dental care for the



New York State Lieutenant Governor Kathy Hochul meets students on a visit to East High School in February 2017.

1,350 students at East and families in the surrounding neighborhood. In June 2016, the Eastman Institute for Oral Health conducted approximately 300 dental screenings for East students.

- The Department of Pediatrics Division of Adolescent Health has been recently funded by the Greater Rochester Health Foundation (\$600,000 over three years) to expand its services in mental, sexual, and nutritional health care at the University of Rochester School-Based Health Center at East.

The University continues to support East through three college readiness programs run by the David T. Kearns Center for Leadership and Diversity in Arts, Sciences, and Engineering. The Upward Bound, Upward Bound Math/Science, and Talent Search programs support first-generation and low-income students in their efforts to apply and gain admission to college. These programs are funded through grants from the United States Department of Education representing more than \$3.5 million in funding over five years. Students who participate in Upward Bound and Talent Search are expected to attend all program events and activities. Activities take place after school, on some weekends, and during the summer.

Arts and Culture

The University enhances and contributes to the region's uniquely rich cultural capital through ongoing initiatives that creatively connect our resources with the community, regardless of means.

As one of the world's premier music schools, the **Eastman School of Music**, located in the heart of downtown Rochester, has been enriching the musical life of Rochester since 1921. A vibrant anchor for the city's East End, the school presents hundreds of concerts a year in the magnificent Eastman Theatre, the intimate Kilbourn Hall, and the modern Hatch Recital Hall.

For nearly 100 years, the Eastman School of Music's **Community Music School** has provided instruction to more than 60,000 students of all ages. Through our Eastman Pathways program, we provide generous scholarships to RCSD students, allowing them to participate in the program.

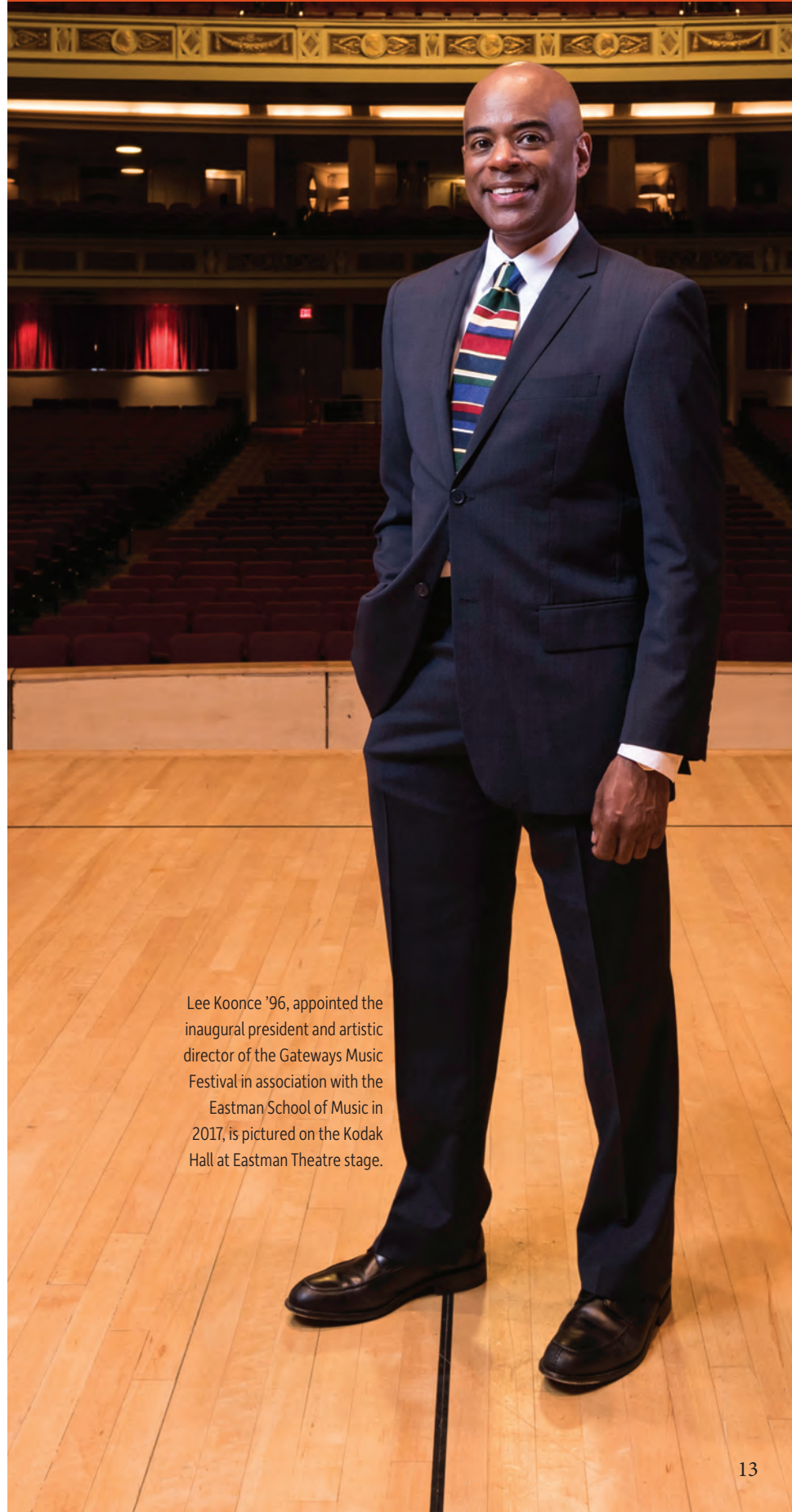
The **Memorial Art Gallery** is one of the few university-affiliated art museums open to the public. Consistently recognized as one of the finest regional art museums in the nation, it serves more than 16,000 area school children annually at no charge.

The University is also a proud sponsor of two of the many world-class entertainment attractions for the region, the internationally renowned Xerox Rochester International **Jazz Festival** and the unique, multiarts KeyBank Rochester **Fringe Festival**, which was the brainchild of President Seligman.

Beyond the free musical performances offered by the Eastman School of Music, **Arts, Sciences & Engineering** opens its doors to the public for many free arts and cultural events on the University's River Campus each year, from plays and exhibits to concerts and lectures.



The renowned Eastman School of Music offers more than 800 musical performances each year, attended by some 50,000 people.



Lee Koonce '96, appointed the inaugural president and artistic director of the Gateways Music Festival in association with the Eastman School of Music in 2017, is pictured on the Kodak Hall at Eastman Theatre stage.

Community Service

The University quietly and diligently serves our community in many ways that may go unrecognized but are of vital importance to the public.

Nearly \$1 million in financial incentives have been provided to help University regular full-time and part-time faculty and staff to achieve the dream of homeownership in city neighborhoods surrounding the University. More than 300 mortgages have been supported since the **Home Ownership Incentive Program** began in 2008.

The University's participation in the annual **United Way** campaign demonstrates a commitment to being a strong community partner: more than \$1.5 million is contributed annually by the University community to the United Way of Greater Rochester. The University's investment in the United Way's **Community Fund** helps everyone from Rochester's smallest babies to its homebound elders and many community members in between.

Celebrated each fall for more than 25 years, **Wilson Day** is an annual day of community service for new and incoming University of Rochester students. Students are placed at nearly 100 agencies throughout the city of Rochester to complete a variety of service projects, including painting houses, landscaping, and tutoring schoolchildren. Overall, the University of Rochester's undergraduates spend, on average, 35,000 hours participating in service activities.

The University's **Center for Community Leadership** is home to the Rochester Youth Year Fellowship, an AmeriCorps Vista program. More than 80 RYY Fellows have completed a year of service at over 45 different community partner organizations. In total, the Rochester Youth Year has generated more than \$1.7 million of cash and in-kind resources for their projects in the community and mobilized more than 7,850 community volunteers, who in turn have logged nearly 90,000 hours of service.



The College's 5,000 undergraduates spend 35,000 collective service hours each year in the Rochester community.



First-year student Angela Rossi cleans windows at Rochester's School 17 during Wilson Day activities in 2017.

Anti-Poverty Initiatives

The University plays a leading role in tackling some of the region's most pressing challenges—none more pressing than poverty.

The University of Rochester is partnering with both the **Rochester-Monroe Anti-Poverty Initiative (RMAPI)** and **Connected Communities** to confront the deeply embedded problem of poverty in our community. In addition to our efforts at East High School and our recent expansion of our home ownership program, we are working to address trauma, provide early intervention and other support services that promote healthy development and wellness, and help revitalize our neighborhoods.

Mt. Hope Family Center is a nationally renowned leader in human development, trauma-informed care, and providing evidence-based models of intervention for children and families exposed to violence and trauma. As the only member of the National Child Traumatic Stress Network in the state outside of New York City, the center supports more than 900 at-risk children and parents each year.

With Monroe County and the United Way of Greater Rochester, Mt. Hope's **Building Healthy Children program** provides services—including parenting education; maternal depression therapy; and any needed support services like food, housing, and transportation for three years—that help young moms and their children succeed.

Similarly, the **Nurse-Family Partnership (NFP)** program—developed by researchers at the University of Rochester School of Nursing—today serves more than 29,000 women in 43 states and has demonstrated numerous positive effects on first-time parents, including fostering healthier pregnancies and deliveries, improving child health and development, and increasing the economic self-sufficiency of families.



Mt. Hope Family Center provides prevention/ intervention programs and proven therapy to more than 900 local children and families each year.



Children enjoy an after-school program at University of Rochester's Mt. Hope Family Center.

Innovation

The University helped create and supports the region's technology commercialization ecosystem.

Excell Partners is an affiliate of the University of Rochester and was created by the University to invest in high-tech start-ups emerging out of the communities and universities across upstate New York, given the lack of early-stage investment in this region. To date, Excell has invested in 48 new high-tech companies that have created more than 200 patents and 303 new jobs. Cumulatively, these companies generate more than \$16 million in revenue. The amount of private investment following Excell's investment is \$290 million for a 31:1 leverage ratio.

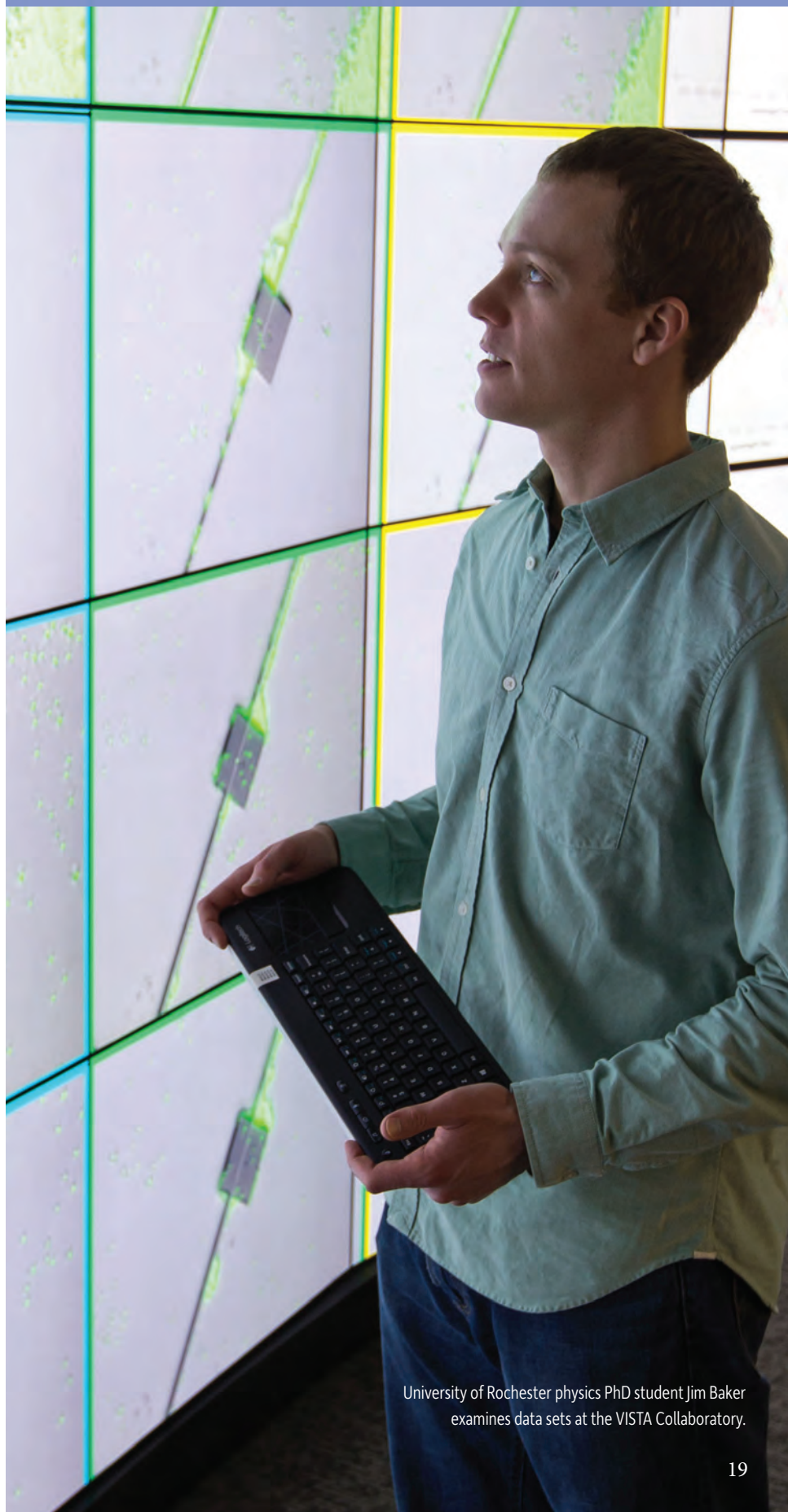
For more than 20 years, **High Tech Rochester** (HTR), a subsidiary of the University, has served as the region's only state and federally designated business incubator. The critical services it provides bolster efforts to harness local innovation and technologies and help transform these discoveries into new and growing companies. Over the last five years, more than 90 start-up client companies have participated across all HTR start-up-related programs, both here in Rochester and statewide.

HTR's new 68,000-square-foot **Finger Lakes Business Accelerator** is under construction and will serve as an anchor to the historic Sibley Building's \$200 million redevelopment and the City of Rochester's new Downtown Innovation Zone. It is estimated that over the next five years the Business Accelerator will create more than 100 new companies and 1,000 new jobs in the region.

Our innovation ecosystem also includes many regionally accessible, state-supported development programs like the Rochester **Center of Excellence in Data Science** and the **Center for Emerging and Innovative Sciences (CEIS)**, which foster collaboration between the academic research community and the business sector to develop and commercialize new products and technologies; to promote critical private sector investment in emerging high-technology fields in New York State, including data science, optics, photonics and imaging; and to create and expand businesses and jobs.



The University of Rochester had 73 patents issued in 2017 and has generally increased the number of patents issued per year since 2009.



University of Rochester physics PhD student Jim Baker examines data sets at the VISTA Collaboratory.

Recent Highlights



East High superintendent Shaun Nelms hosted NYS lieutenant governor Kathy Hochul and University of Rochester president Joel Seligman on a visit to East High in February 2017.



First-year students set off to volunteer in the Rochester community on Wilson Day in September 2017.



Students and faculty from the Program of Dance and Movement join other colleagues from across the University to perform at the KeyBank Rochester Fringe Festival in September 2016.



UR HEAL, a student organization that provides health care services to low-income Rochester community members, was chosen as the first-ever recipient of the Rochester Center for Community Leadership's *Community Engagement Challenge* grant in April 2017.



Eastman Institute for Oral Health's SMILEmobile, a self-contained traveling dental clinic that allows for disabled access, pays a visit to East High School in October 2017.



The Gateways Music Festival, honoring classical musicians of African descent, presented more than 50 free performances in concert halls and community venues throughout the Rochester area during its inaugural year in 2017.



Educators from the University of Rochester's Center for Community Health demonstrate how to prepare healthy meals during a Family, Food, and Fun program at Southeast Towers in October 2017.



UNIVERSITY *of*
ROCHESTER

If you have any questions about ways that the University of Rochester partners with and benefits the community and region or want to know more about forming a partnership with the University, please contact us:

Office of Government and Community Relations

ogcr.rochester.edu

(585) 273-5955

Photo on front: East High School students visit the Eastman School of Music and view the Dale Chihuly sculpture in Wolk Atrium.