Investing in connection, collaboration and discovery. 
Positioning the Pitt Community for maximum impact in research, scholarship and creative endeavors.

Fueling our Future. 
Third Annual Internal Funding Showcase

September 16, 2022
William Pitt Union Ballroom and Assembly Room

Sponsored by the Office of the Provost and the Office of the Senior Vice Chancellor for Research
Reinvention:

Progress never comes from standing still.
Welcome to the third annual University of Pittsburgh Internal Funding Showcase. We are excited once again to bring resources and recognition to faculty members who are brimming with innovative ideas related to both research and teaching. We congratulate this year’s awardees and hope that this showcase helps to spread your enthusiasm for interdisciplinary scholarship and teaching across our campuses, into the community, and beyond.

As you may know, when Pitt’s Momentum Funds were created, they restructured and extended a group of existing research development funds (the Central Research Development Fund, Social Science Research Initiative, and Special Initiative to Promote Scholarly Activities in the Humanities) into a tiered set of awards designed to offer support across multiple stages of large, ambitious projects.

- **Priming (formerly Seeding) Grants** support significant and innovative scholarship by individual or small groups of faculty members, with an option for microgrants up to $3,000 in the Arts & Humanities.
- **Teaming Grants** support the early-stage planning and capacity building of large multidisciplinary projects.
- **Scaling Grants** support the detailed project planning, gathering of proof-of-concept results, and reduction of technical risk so that teams can competitively pursue large, complex extramural funding.

An important focus of the Momentum Funds is to support partnerships. We want to set our faculty teams up for success, so the default setting for the funds is “collaborate.” Because of that, we’ve selected ideas that span disciplines and the campus organizational chart. University-level support lowers barriers and allows faculty to focus on their projects.

This year, as part of a special initiative co-sponsored in collaboration with Senior Vice Chancellor for the Health Sciences Anantha Shekhar, our solicitation last fall called for projects investigating the social determinants of health (SDOH), which may be defined as quality-of-life-enhancing factors that can have a significant influence on population health outcomes. Examples of these factors included safe and affordable housing, access to education, public safety, availability of healthy foods, local emergency/health services, and environments free of life-threatening toxins. We were particularly interested in receiving proposals from multidisciplinary teams led by faculty in the social sciences and professional fields. Additional funds to support SDOH-related projects allowed us to expand the total funding available for Priming and Teaming awards. Since academic year 2021-22 was the Year of Data and Society, proposals related to the theme were also welcomed.

The responses and results have been amazing. We saw projects that responded to difficult, complex, systemic societal challenges by forming rich partnerships across campus and deepening their ties with dynamic nonprofit organizations.

As Pitt researchers know—as we look to grow our impact and our reach—funding agencies look for results-driven inquiries that can contribute meaningful insight, deeper understanding, or robust solutions to societal challenges through an array of scientific, clinical, public policy, business, and technical innovations. It’s inspiring the way this year’s awardees are opening a new chapter of impressive scholarship here at Pitt.

We also want to highlight the Pitt Seed grants, another important source of internal funding. The Pitt Seed Projects play an instrumental role in transforming the University of Pittsburgh.

We extend our deep appreciation and thanks to all the reviewers and to the members of the University Research Council. Without your dedication and hard work, these awards would not be possible.

With thanks and best wishes,

Ann E. Cudd
Provost and Senior Vice Chancellor

Rob A. Rutenbar
Senior Vice Chancellor for Research
AGENDA

William Pitt Union Ballroom and Assembly Room

William Pitt Union Ballroom
2-2:20 p.m. Welcome to the Internal Funding Showcase
Patrick Gallagher, Chancellor

2:20-3 p.m. Panel Discussion: Pitt Seed 2.0
Ann E. Cudd, Provost and Senior Vice Chancellor
Rob A. Rutenbar, Senior Vice Chancellor for Research
Jennifer Woodward, Vice Chancellor for Sponsored Programs and Research Operations
Jennifer Decima, Senior Business Analyst, Information Technology, Portfolio and Project Management Office

William Pitt Union Assembly Room
3-4 p.m. Reception and Poster Session
Poster Session Guide

**Pitt Seed Grants**

**Engineering, Technology, Natural Sciences and Mathematical Sciences** (*Pitt Momentum Funds*)

**Health and Life Sciences** (*Pitt Momentum Funds*)

**Creative Arts, Performing Arts and Humanities** (*Pitt Momentum Funds*)

**Social Sciences, which include Business, Policy, Law, Education and Social Work** (*Pitt Momentum Funds*)
PMF SCALING GRANTS

Scaling Grants, which provide up to $400,000 over two years, support detailed project planning, gathering proof-of-concept results, and reduction of technical risk so that teams can competitively pursue an identified large extramural funding opportunity. Scaling Grants are specifically designed to further the goal of the Plan for Pitt to engage in research of impact by positioning the University to participate in large research collaborations.

Center for Text Analytic Methods in Legal Studies

Kevin Ashley, School of Law
James Anderson, RAND Corporation
Diane Litman, Department of Computer Science, Learning Research and Development Center, Intelligent Systems Program (ISP)
Daqing He, Department of Informatics and Networked Systems, Intelligent Systems Program (ISP)
Rebecca Hwa, Department of Computer Science, Intelligent Systems Program (ISP)

The Center for Text Analytic Methods in Legal Studies is a research collaboration of experts from the University of Pittsburgh's Schools of Law and Computing and Information, the RAND Corporation, Duquesne Law School, and Worcester Polytechnic Institute. Their goal is to apply newly developed machine learning and natural language processing techniques to newly available sources of legal text data to evaluate legal and social questions involving racism, gender equality, immigration, public health, crime, or education that have real world policy implications and that traditionally have not been evaluable to the same extent without text analytic tools. Initially, the Center is investigating drug interdiction automobile stop cases concerning the constitutionality of police decisions to search. Such cases are a persistent cause of racial friction and have led to thousands of court decisions at the state and federal level. The team seeks to identify factors on which courts rely in assessing if police have “reasonable suspicion” to detain a motorist for further investigation (e.g., a police dog drug sniff), to assign statistical weights to these factors across thousands of cases, to identify explicit or implicit racial bias in the cases and explore their relationships to factor weights and case outcomes, and to draw out the social and legal policy implications of their findings.

This project supports the Year of Data and Society theme.

Pittsburgh Center for Healthy Environments and Equity Research (CHEER)

Aaron Barchowsky, Department of Environmental and Occupational Health
Melissa Bilec, Department of Civil and Environmental Engineering
Dara Mendez, Department of Epidemiology
Emily Elliot, Department of Geology and Environmental Sciences
Danial Bain, Department of Geology and Environmental Sciences
Sarah Haig, Department of Civil and Environmental Engineering
James Fabisiak, Department of Environmental and Occupational Health
LuAnn Brink, Allegheny County Health Department
Harry Hochheiser, Department of Biomedical Informatics
Carla Ng, Department of Civil and Environmental Engineering
Jeanine Buchanich, Department of Biostatics

The Center for Healthy Environments and Equity Research (CHEER) is a multidisciplinary, intersectional and community-based environmental health research program focused on identifying and addressing environmental health disparities (EHD) — which have a major impact on the health and wellbeing of individuals and communities. CHEER is rallying around a core of forward-thinking and passionate faculty, students, and community partners to create research that addresses extensive EHD found across our region, the nation, and beyond. CHEER will take a life course perspective by focusing on areas with the greatest health inequities and use an “exposome” approach to investigate the social and environmental determinants of EHD. Exposomes, cumulative environmental health exposures and social stressors over a lifetime, require large sets of environmental and population data to understand and tackle. CHEER will use Momentum Funds to develop and implement new technologies to capture this data and build capacity in regional population health studies by quantifying environmental stressors that disproportionally affect underserved communities. Using innovative bioinformatic approaches, the large data set will be overlaid onto environmental and health data sets collected by CHEER investigators and community partners to identify and understand the source of health inequities. Ultimately, CHEER will create tools and science-based findings for community partners to inspire policies and interventions for more resilient, sustainable, and healthy communities.

This project supports the Social Determinants of Health theme.
PMF TEAMING GRANTS

Teaming Grants, which provide up to $60,000 per year, support the formation of new multidisciplinary collaborations to successfully pursue large-scale extramural funding. Team and community-building activities may include, but are not limited to, inviting external speakers, creating a working paper series, and organizing a workshop. Teaming Grants, like Scaling Grants, are specifically designed to further the goal of the Plan for Pitt to engage in research of impact by positioning the University to participate in large research collaborations.

Advancing the Pittsburgh Center for Interdisciplinary Bone and Mineral Research

- Giuseppe Intini, Department of Periodontics and Preventive Dentistry
- Dobrawa Napierala, Department of Oral and Craniofacial Sciences
- Deborah Galson, Department of Medicine
- Peter Alexander, Department of Orthopaedic Surgery
- Partha Roy, Department of Bioengineering
- Juan Taboas, Department of Oral and Craniofacial Sciences
- Shilpa Sant, Department of Pharmaceutical Sciences

Musculoskeletal diseases are among the most disabling and costly medical conditions. With the rapid aging of the American population, the burden of musculoskeletal diseases is growing larger. In addition to metabolic bone diseases (most commonly osteoporosis), musculoskeletal health is challenged by trauma, heritable disorders, chronic inflammatory conditions, and cancerous bone disease (primary and metastatic). These conditions cause severe bone pain, pathological fractures, and spinal cord compression that greatly increase morbidity and mortality. The goal of the Pittsburgh Center for Interdisciplinary Bone and Mineral Research (PCIBMR) — a 73-member consortium of faculty whose research interests converge around musculoskeletal disorders, bone injuries, osteoporosis, cancer, and regenerative medicine—is to facilitate the development of multidisciplinary projects by providing access and training for cutting-edge specialized analyses and 3D modeling of skeletal tissues and mineral structure, composition, and function in development, disease, and during tissue regeneration.

Cultural Representativeness in the Principles of AI

- Yu-ru Lin, Department of Informatics and Networked Systems
- Morgan Frank, Department of Informatics and Networked Systems
- Edouard Machery, Department of History and Philosophy of Science
- Ben Rottman, Department of Psychology
- Heath Cabot, Department of Anthropology

Artificial intelligence (AI) applications have reached a wide range of domains and have raised concerns over fairness, accountability, transparency, and ethics. For example, social media platforms face challenges from Congress over data privacy and facial recognition software have been racially biased. Accordingly, society is actively establishing principles to govern the development and application of AI technologies; examples include General Data Protection Regulation (GDPR). But, as AI innovation disseminates across cultural and political boundaries, how do societies in different cultures perceive these high-level AI principles? What are the acceptable ground rules for global AI governance? This project seeks to answer these by studying the interactions between cultural norms, the public opinion of AI, and the AI research community. To understand how key AI principles resonate amongst different cultures, we will study knowledge production and dissemination. Our approach is informed by the studies in comparative philosophy, which contrast moral traditions developed along relatively isolated cultural and regional lines. We will combine data science, qualitative studies, and mixed-methods approach to analyze micro- and macroscopic data. This project will build synergy among distinct disciplines represented by the team, including philosophy, ethics, data and information sciences, psychology, and anthropology.

This project supports the Year of Data and Society theme.
From Titusville to Tuver with a Stop in Lagos: Digitizing and Internationalizing Pitt’s Manufacturing Assistance Center Model

Bopaya Bidanda, Department of Industrial Engineering  
John Wallace, Department of Sociology  
Ravi Madhavan, Joseph Katz Graduate School of Business and College of Business Administration  
M. Najeeb Shafiq, Department of Educational Foundations, Organization and Policy  
John Stoner, Department of History

Since 1994, the Pitt Manufacturing Assistance Center (MAC) has provided workforce development training in skills relevant to contemporary manufacturing employment. This research project intends to examine research questions related to plans to adapt the MAC model to Titusville’s Education and Training Hub and two different international environments: an urban site in Lagos, Nigeria, and a rural site in Tuver, India. The research objective of this multidisciplinary team is to develop and conduct research that leverages the Pitt MAC platform. Having primary data on training programs in three locations that vary in multiple respects will enable a stream of studies as we accumulate longitudinal and experimental (MAC training as intervention) data. The 3-location network facilitates field experiments in which both internal variables (e.g., training content and modality) and external (e.g., human development level, cultural context, policy choices) can be systematically varied and their effects compared. Such an approach makes it possible to address the overarching research question, “What drives the effectiveness of MACs across locations that vary in resource level and sociocultural context?” Four associated topics are as follows: the training inputs and process; the link between training and labor market; micro-foundations of manufacturing capability; and macro-foundations of manufacturing capability.

Pittsburgh Transformations Project: Race, Migration, Education, and Healthcare

Michele Reid-Vazquez, Department of Africana Studies  
Alaina Roberts, Department of History  
Abimbola Fapohunda, Department of Africana Studies  
Arif Jamal, Department of Research, Learning and Media  
Gina Garcia, Department of Educational Foundations, Organizations and Policy  
Patricia Documet, Department of Behavioral and Community Health Sciences  
Martha Mantilla, Department of Area Studies

The Pittsburgh Transformations Project: Race, Migration, Education, and Healthcare is a multidisciplinary, collaborative study that addresses the historical and contemporary struggles of Black and Brown communities in Pittsburgh. The aim of the project is to gather, analyze, and share data to enhance the visibility and knowledge of Western Pennsylvania’s ethnic communities of color (ECCs)-African Americans/Black diaspora, Asian Americans, Latinxs, and Native Americans. This project will also generate digital resources offering positive interventions and a transformative understanding of linked historical and contemporary issues by exploring the intersecting geographies and social experiences of these communities. Project outcomes include data mapping, two draft articles, a website and podcast, and research opportunities for graduate and undergraduate students.

This project supports the Social Determinants of Health theme.
PMF PRIMING GRANTS

Primeing Grants, formerly known as Seeding grants, provide up to $25,000 per year to support significant and innovative scholarship by individual or small groups of faculty at all ranks at the University of Pittsburgh. In constructing each year’s portfolio of awards, attention is given to supporting early career faculty and areas where opportunities for extramural funding are extremely limited. Proposals are reviewed in four tracks: [1] Creative Arts, Performing Arts, and Humanities; [2] Engineering, Technology, Natural Sciences, and Mathematical Sciences; [3] Health and Life Sciences; and [4] Social Sciences, which include the fields of business, policy, law, education, and social work.

Adaptive Stochastic Optimization Using Trajectory Cues
Oliver Hinder, Department of Industrial Engineering

Agricultural Adaptations in Response to Environmental Stress in the Tropics
Claire Ebert, Department of Anthropology

Amplifying Pittsburgh HBCU Narratives
Khirsten L. Scott, Department of English

Beyond Graduation Rates: Conceptualizing Liberatory Outcomes
Gina A. Garcia, Department of Administrative and Policy Studies

Carbonic Anhydrase-catalyzed CO₂ Sequestration in Seawater
Meng Wang, Department of Civil and Environmental Engineering

The name change from Seeding Grant to Priming Grant was made to reduce confusion between the Momentum Funds’ small research development grant and the Pitt Seed program, which is designed to advance the full range of goals in the Plan for Pitt.
Causal Moderation and Mediation Analyses in Multisite Trials
Xu Qin, Department of Health and Human Development

Data Mining Approaches to Understand Tensor Properties in Turbulent Cascade
Lei Fang, Department of Civil and Environmental Engineering

Developing a Holistic Measurement Plan for Transition to Adulthood
Traci M. Kazmerski, Department of Pediatrics
Tomar Pierson-Brown, School of Law
Loreta Matheo, Department of Pediatrics
Min-Te Wang, Human Development and Health Department
Andrew McCormick, Department of Pediatrics
Marlo Perry, School of Social Work
This project supports the Social Determinants of Health theme.

Digital Resistance
Olga Kuchinskaya, Department of Communication
This project supports the Year of Data and Society theme.

Efficient Photonic Deep Learning Leveraging 3D Optoelectronic Integration
Nathan Youngblood, Department of Electrical and Computer Engineering

Functional Heterogeneity at the Level of an Individual Neurotransmitter Release Site at the Adult Neuromuscular Junction
Yomna Badawi, Department of Neuroscience

Immune Response Regulation through Non-coding RNA-target Interactomes
Lanre Morenikeji, Division of Biological and Health Sciences, University of Pittsburgh at Bradford

Improve Health Equity by Analyzing Social Determinants of Health from the Electronic Health Records
Yanshan Wang, Department of Health Information Management
This project supports the Social Determinants of Health theme.

T-box Transcriptional Control of Drosophila Wing Development
Deborah Chapman, Department of Biological Sciences
Mariah Denhart, Department of Biological Sciences
Gerard L. Campbell, Department of Biological Sciences

Making the Skeletons of Shapes Dance
Paul Gartside, Department of Mathematics

Manipulating Sensory-motor Coupling during Speech Production
Jason W. Bohland, Department of Communication Science and Disorders
Monique C. Tardif, Center for the Neural Basis of Cognition
Modeling Driver Situational Awareness in Automated Driving
Na Du, Department of Informatics and Networked Systems

Modernizing through Electronic and Digital Media: Transnational Evangelicalism and Indigenous Cultures in the Andes
Diego Mauricio Cortes, Division of Communication and the Arts, University of Pittsburgh Bradford

The Politics-Psychology Nexus and the Future of the Public Service
Gary E. Hollibaugh, Jr., Graduate School of Public and International Affairs

Q-GPU: A Recipe of Optimizations for Quantum Circuit Simulation Using GPUs
Xulong Tang, Department of Computer Science
Responsible Data Collection and Intervention Design
Amin Rahimian, Department of Industrial Engineering
This project supports the Year of Data and Society theme.

Situated Task-Driven Multimodal Intent
Adriana Kovashka, Department of Computer Science
Malihe Alikhani, Department of Computer Science
Rebecca Hwa, Department of Computer Science
Diane Litman, Department of Computer Science

Taiwan Rising
Michael Meyer, Department of English

Taking Off the Cape: Removing the Cloak of Invincibility to Support BIPOC Graduate Students
Alicia Johnson, School of Social Work
Aliya Durham, School of Social Work
Yodit Betru, School of Social Work
Toya Jones, School of Social Work
This project supports the Social Determinants of Health theme.

Understanding PFAS Interactions with Kidney Function in Health and Disease
Shan Niuand, Department of Civil and Environmental Engineering
Carla Ng, Department of Civil and Environmental Engineering
This project supports the Social Determinants of Health theme.

Would That: Tracing the Narratives of and between 1st and 2nd Generation Vietnamese Americans
Diana Khoi Nguyen, Department of English
PITT SEED 2.0 GRANTS

SUPPORTING THE PLAN FOR PITT

The success of the University’s strategic plan is predicated upon engagement across the University. Started in 2018, one of the focused efforts directed toward this engagement is the annual opportunity for faculty and staff to submit ideas for transformative projects that support one or more of the six goals and associated strategies within the Plan for Pitt.

Pitt Seed Projects are well-defined, scalable initiatives that will play an instrumental role in transforming the University of Pittsburgh. Funded projects include a range of activities, including research ideas, academic programs, process improvement, diversity and inclusion, community and industry partnership development, outreach, methods of teaching and learning, workshops, lectures, and enhancing the student experience.

Global Leaders Network

Belkys Torres, University Center for International Studies
Michele Reid-Vazquez, University Center for International Studies, Center for Ethnic Studies Research
Emily Rook-Koepsel, Asian Studies Center
Zsuzsanna Magdo, Center for Russian, East European and Eurasian Studies

The University Center for International Studies (UCIS) in partnership with internal and external stakeholders is creating a pipeline of young global leaders and increasing the number of undergraduates ready for early career success. Focusing on professional development opportunities inside and outside the classroom via alumni/community engagement at home, abroad or online, the Global Leaders Network offers courses, internships and shadowing opportunities designed specifically for traditionally underrepresented students (athletes, STEM, BIPOC, and regional campus students) in global education. The goal of the program is to use global learning as a tool in advancing students’ leadership skills, intercultural competence, and professional networks while earning a UCIS credential.

ATTAIN Student Experience Dashboard

Jennifer Decima, Pitt Information Technology
Jamie Craig, Pitt Information Technology
Jennifer Marco, Office of the Provost
Julia Spears, Office of the Provost
Amanda Brodish, Office of the Provost
Dwight Helfrich, Pitt Information Technology
Ann Sinsheimer, School of Law
April Belback, Office of the Provost
Dan McGaughey, Pitt Information Technology

Navigating the student journey is hard for both students and support staff alike. With so many disparate systems, it is difficult to view student engagement holistically. The Student Experience Initiative identified these gaps and more. The ATTAIN dashboard can help. ATTAIN is an actionable dashboard that displays content crucial to traversing the student journey utilizing targeted announcements and centralizing access to communications, systems, and resources. Data driven insights help pair students with the appropriate resources and inform decision makers. This project will work to develop a prototype and pilot it with a cohort of students to measure effectiveness.
Building an Ecosystem of Wellness Across University of Pittsburgh Campuses and Communities

Sheila Confer, University of Pittsburgh at Greensburg
Gayle Pamerleau, University of Pittsburgh at Greensburg
Leigh Hoffman, University of Pittsburgh at Greensburg
Ron Ott, University of Pittsburgh at Greensburg
Marie Fioravanti, University of Pittsburgh at Greensburg
Jennifer Ingram, University of Pittsburgh at Greensburg
Kearsten Adams, University of Pittsburgh at Greensburg
Mary Slobodynak, University of Pittsburgh at Greensburg
Nina Watters, University of Pittsburgh at Greensburg
Madison Eveland, University of Pittsburgh at Greensburg
Jackie Horrall, University of Pittsburgh at Greensburg
Joe Yun, University of Pittsburgh Information Technology
Mark Henderson, University of Pittsburgh Information Technology
Beth Schwanke, Pitt Cyber
Kirk Holbrook, Hill District Community Engagement Center

Due to rapidly growing mental health concerns, researchers have suggested creating wellness ecosystems on campuses. Aligned with the 2022-23 Pitt Year of Emotional Well-Being, our proposal aims to create a wellness ecosystem across our campuses and their neighboring communities. We will unite programs and technologies that encourage campus and community members to care for their emotional and physical health by providing personalized and flexible options that address the eight pillars of well-being. Our goal is to collaborate between Greensburg and Oakland and bring together all existing wellness resources through AI-based technology.

University of Pittsburgh Master’s and Certification Programs in Research Administrations

Jennifer Woodward, Office of Sponsored Programs
Sara Moeller, Joseph M. Katz Graduate School of Business
Cynthia Golden, University Center for Teaching and Learning
Michael Bridges, University Center for Teaching and Learning
Stephen Butler, University Center for Teaching and Learning
James Gallaher, Human Resources

Expanding the research administrator talent pool at Pitt and creating both an internal and national pipeline of professionals with advanced training in research administration are critical for addressing the challenges in this field that have intensified nationally following the pandemic. A solution is to create an online master’s degree and certifications programs in research administration. In collaboration with Katz Graduate School of Business, Human Resources, University Center for Teaching and Learning, Office of the Senior Vice Chancellor for Research, and external consultants, University-approved curriculums and a fully integrated program will be designed during this one-year phase of the overall project.
Ethnic Studies Research Incubator

Michele Reid-Vazquez, University Center for International Studies, Ethnic Studies Research
Carla Nappi, Dietrich School of Arts and Sciences
David Marshall, Dietrich School of Arts and Sciences
Ron Idoko, Office for Equity, Diversity and Inclusion
Belkys Torres, University Center for International Studies
William Brustein, Global Studies Center
T. Elon Dancy, Center for Urban Educations
Alison Langmade, Dietrich School of Arts and Sciences
Sheila Velez Martinez, School of Law
William Carter, School of Law
John Wallace, Center on Race and Social Problems

The Ethnic Studies Research Incubator includes three programs: 1) The Faculty Collaborative Research Incubator connects scholars with Ethnic Studies-focused research agendas across the humanities, social sciences, professional schools, medical humanities, and data sciences. 2) Undergraduate Research Fellowships offer hands-on inquiry and mentorship to build cultural competency and critical thinking. 3) Undergraduate Experiential Internships use locally based projects to cultivate skills addressing global issues. The program will deliver enduring transformative opportunities for faculty and students, and expand Pitt's profile in inclusive research innovation, undergraduate development, and community engagement by addressing the significance of race and ethnicity in American society through multidisciplinary perspectives.

Sexual Misconduct Prevention and Survivor Support on Campus

Carrie Benson, Office for Equity, Diversity and Inclusion
Lynissa Stokes, School of Medicine
Rich Fann, Student Affairs
Rachel Gartner, School of Social Work
Katie Pope, Office for Equity, Diversity and Inclusion
Ahmed Ghuman, University Counseling Center
Chancellor's Advisory Council on the Prevention of Sexual Misconduct

Sexual misconduct victimization was reported by 26% of undergraduate women, 29% of trans and nonbinary students, and 16% of all students while attending the University of Pittsburgh (Pitt) (AAU, 2019). These findings highlight the urgent need to implement new data driven, inclusive prevention initiatives. Current funding does not position Pitt to comprehensively respond to this crisis in ways that will significantly reduce the rates of sexual misconduct victimization. Funds requested through the SEED 2.0 initiative will be used to facilitate new and innovative educational programs, wide-sweeping awareness building campaigns, and crucial prevention research all designed to reduce sexual misconduct victimization.

Disrupting Health Dis- and Misinformation in the Patient-care Setting: Open Educational Resources for Nurse Education

Rebekah Miller, Health Sciences Library System
Betty Braxter, School of Nursing
Beth Hoffman, Pitt Public Health
Theresa Koleck, School of Nursing
Ula Lechtenberg, University Library System
Lara Putnam, Dietrich School of Arts and Sciences
Marc Ross, University of Pittsburgh at Bradford and Titusville
Rachel Rubin, University Library System
Beth Schwanke, Pitt Cyber
Sera Thornton, Teaching Center

This team will develop a suite of openly licensed digital learning modules that teach nurses effective techniques for responding to and mitigating inaccurate health information shared by patients. Supported by the ULS, HSLs, School of Nursing, Teaching Center, and Disinformation Lab, this transdisciplinary initiative will address learning objectives at the intersection of the American Association of Colleges of Nursing essential competencies and the Association of College and Research Libraries Framework for Information Literacy, ensuring that the modules are aligned with best practices across disciplines. The outcomes from this project will benefit nursing students and their future patients at Pitt and beyond.
CUPID: Fostering an Inclusive Community in the Schools of the Health Sciences

Susan Graff, Department of Physician Assistant Studies
Kathryn Reed, Department of Physician Assistant Studies
Karthik Hariharan, School of Health and Rehabilitation Sciences
John Guinane, Center for Teaching and Learning
Lindsey Aranson, Media Studies
Caleb Bender, Media Studies
Heather McCambly, School of Education
Gaetan Sgro, School of Medicine

The CUPID Project is an asynchronous curriculum for Health Sciences educators and students that uses documentary style video interviews of Pitt faculty, staff, and students, supplemented with academic literature on concepts such as social identity and intersectionality, to guide the learner in fostering an inclusive environment at Pitt. The CUPID project hopes to contribute to the creation of an inclusive and equitable campus environment in the Schools of the Health Sciences by serving as an entry point into the University DEI space. Data collection will assess both individual learner engagement and the broader impact of the program on the University.

Advancing Community Engagement—The Pitt “ACE” Program

Kelsey Voltz-Poremba, School of Health and Rehabilitation Sciences
Carl Wang-Erickson, Dietrich School of Arts and Sciences
Keith Caldwell, Community Engagement Centers
Carrie Finkelstein, Strategic Projects
Kirk Holbrook, Hill District Community Engagement Center

Pitt features nation-leading scholars from 16 schools and colleges, and exceptional community engagement infrastructure, including the Community Engagement Centers (CECs). Our goal is to catalyze new synergies between these two distinctive Pitt strengths. To achieve this goal, we propose an investment in a continuously broadening cohort of Pitt people dedicated to “Advancing Community Engagement” – the Pitt “ACE” program. ACE cohort members are supported in creating and launching impactful student-led university-community partnerships developed with community stakeholders. To promote the success of these partnerships, cohort members engage in peer learning of best practices and mindsets in community engagement across disciplinary barriers.

Building Data Science for Social Justice (DS4SJ) Ecosystems: Sustaining Impact

Sera Linardi, Graduate School of Public and International Affairs
Bob Gradeck, Western Pennsylvania Regional Data Center
Keith Caldwell, Community Engagement Centers
Gabby Yearwood, School of Law

This project proposes a novel infrastructure to deepen Pitt’s impact in DS4SJ, improving connections across units and providing workplace-relevant student training in multidisciplinary teamwork. We propose a coordination of capstone classes across disciplines and semesters to scope, develop, implement, and deploy data science projects out of community requests, supported by a diverse ecosystem of faculty, staff, community members, and student leaders. A core faculty/staff cohort will integrate takeaways into the norms, policies, and curricula in their respective units and share their experiences in public workshops. This project aligns the P4P with the DTSF recommendation through a community-centered lens.
PRIOR INVESTIGATORS AND CO-INVESTIGATORS
(2017-2021)

Central Research Development Fund

Raja Adal, Department of History, 2018
Gustavo Almeida, School of Health and Rehabilitation Sciences, 2018
Salah Al-Zaiti, Department of Acute/Tertiary Care, 2017
Elizabeth Arkush, Department of Anthropology, 2020
Shalini Ayyagari, Department of Music, 2018
Taran Banerjee, Department of Sociology, 2018
Mostafa Bedewy, Department of Industrial Engineering, 2018
Andrea Berman, Department of Biological Sciences, 2017
Kyle Bibby, Department of Civil and Environmental Engineering, 2017
Hoda Bidkhori, Department of Industrial Engineering, 2017
Ryan Bird, Division of Natural Sciences, Pitt-Johnstown, 2019
Joshua Bloom, Department of Sociology, 2018
Ioannis Bourmpakis, Department of Chemical and Petroleum Engineering, 2017 and 2020
Bryan Brown, Department of Bioengineering, 2020
Christopher Brown, Department of Communication Science and Disorders, 2017
Caitlin Bruce, Department of Communication, 2017
Jeanine Buchanich, Department of Biostatistics, 2019
Andrew Bunger, Department of Civil and Environmental Engineering, 2018
Gerard Campbell, Department of Biological Sciences, 2019
Rosemary Capo, Department of Geology and Environmental Science, 2017
Anne Carlson, Department of Biological Sciences, 2019
Deborah Chapman, Department of Biological Sciences, 2017, 2019
Markus Chmielus, Department of Mechanical Engineering and Materials Science, 2017
Sung Kwon Cho, Department of Mechanical Engineering and Materials Science, 2017
Sophia Choukas-Bradley, Department of Psychology, 2019
Youngjae Chun, Department of Industrial Engineering, 2017, 2020
Nicole Coleman, Pitt Business, 2020
Christopher Coughenour, Department of Energy and Earth Resources, Pitt-Johnstown, 2020
Marc Coutanche, Department of Psychology, 2017
Elizabeth Crago, Department of Acute/Tertiary Care, 2018
Jason DeBlois, Department of Mathematics, 2017
Sabina Deitrick, Graduate School of Public and International Affairs, 2018
Jill Demirci, Department of Health Promotion and Development, 2018
Dawna Duff, Department of Communication Science and Disorders, 2018
Jacob Durrant, Department of Biological Sciences, 2018
Müge Finkel, Graduate School of Public and International Affairs, 2018
Gina Garcia, Department of Administrative and Policy Studies, 2019
Hayley Germack, Department of Acute/Tertiary Care, 2020
Bethany Gibbs, Department of Health and Physical Activity, 2017
Leanne Gilbertson, Department of Civil and Environmental Engineering, 2018 and 2019
Andres Gomez Escobar, Department of Industrial Engineering, 2019
Brandon Grainger, Department of and Computer Engineering, 2020
Marsha Grimminger, Division of Natural Sciences, Pitt-Johnstown, 2019
Joshua Groffman, Division of Communication and the Arts, Pitt-Bradford, 2017 and 2020
Sarah Haig, Department of Civil and Environmental Engineering, 2020
Sarah Hainer, Department of Biological Sciences, 2020
Lauren Hallion, Department of Psychology, 2018
Marquis Hawkins, Department of Epidemiology, 2020
Jill Henning, Division of Natural Sciences, Pitt-Johnstown, 2019
Raúl Hernández Sánchez, Department of Chemistry, 2020
Tina Hershey, Department of Health Policy and Management, 2020
Katherine Hornbostel, Department of Mechanical Engineering and Materials Science, 2020
Jingtong Hu, Department of Electrical and Computer Engineering, 2019
Geoffrey Hutchison, Department of Chemistry, 2019
Tristen Inagaki, Department of Psychology, 2017
Katharine Jacobs, Department of Instruction and Learning, 2020
Leah Jacobs, School of Social Work, 2019
Tevis Jacobs, Department of Mechanical Engineering and Materials Science, 2017 and 2020
Daniel Jiang, Department of Industrial Engineering, 2018
Paul Johnson, Department of Communication, 2019
Shirin Fozi Jones, Department of History of Art and Architecture, 2019
Margaret Judd, Department of Anthropology, 2018
Sungkyu Jung, Department of Statistics, 2017
Chae Ryon Kang, Department of Biostatistics, 2019
Jacob Kariuki, Department of Health and Community Systems, 2018
Samannaz Khoja, Department of Physical Therapy, 2020
Tuangtip Klinbubpa-Neff, Division of Humanities, Pitt-Johnstown, 2017
Christopher Kline, Department of Health and Physical Activity, 2018
Kevin Kohl, Department of Biological Sciences, 2019 and 2020
Adriana Kovashka, Department of Computer Science, 2017, 2019
Mangesh Kulkarni, Department of Bioengineering, 2020
Jennifer Laaser, Department of Chemistry, 2018
Daniel Lambrecht, Department of Chemistry, 2019
Miler Lee, Department of Biological Sciences, 2019
Sangyeop Lee, Department of Mechanical Engineering and Materials Science, 2017 and 2018
Young Ji Lee, Department of Health and Community Systems, 2020
Dan Li, Department of Health and Community Systems, 2017
Lei Li, Department of Chemical and Petroleum Engineering, 2017 and 2019
Klaus Libertus, Department of Psychology, 2018
Melissa Libertus, Department of Psychology, 2018
Sera Linardi, Graduate School of Public and International Affairs, 2018
Steven Little, Department of Chemical and Petroleum Engineering, 2020
Tomas Matza, Department of Anthropology, 2017
Tessa McCarthy, Department of Instruction and Learning, 2018
Lee McDermott, Department of Pharmaceutical Sciences, 2017
Rebecca McHugh, Division of Behavioral and Social Sciences, Pitt-Bradford, 2019
Patrick McKelvey, Department of Theatre Arts, 2020
James McKone, Department of Chemical and Petroleum Engineering, 2019
Nadine McQuarrie, Department of Geology and Environmental Science, 2018
Stephen Meriney, Department of Neuroscience, 2018
Iva Miljkovic, Department of Epidemiology, 2018
Rachel Miller, Department of Epidemiology, 2019
Kevin Mollen, Department of Surgery, 2020
Carla Ng, Department of Civil and Environmental Engineering, 2018 and 2019
Tagbo Niepa, Department of Chemical and Petroleum Engineering, 2020
Shyamal Peddada, Department of Biostatistics, 2019
Barbara Petrosky, Division of Humanities, Pitt-Johnstown, 2019
Louis Picard, Graduate School of Public and International Affairs, 2019
Oleg Prokopyev, Department of Industrial Engineering, 2018
Shanti Rabindran, Graduate School of Public and International Affairs, 2020
Michele Reid, Department of Africana Studies, 2019
Zhai Ren, Department of Statistics, 2020
Piervincenzo Rizzo, Department of Civil and Environmental Engineering, 2017
Rachel Robertson, Department of Instruction and Learning, 2017
Margaret Rosenzweig, Department of Acute/Tertiary Care, 2020
Sharon Ross, Department of Health and Physical Activity, 2017
Vinayak Sant, Department of Pharmaceutical Sciences, 2018
Armin Schikorra, Department of Mathematics, 2019
Karina Schumann, Department of Psychology, 2017
Yogita Shamdasani, Department of Economics, 2020
Eitan Shelef, Department of Geology and Environmental Sciences, 2017
Kay Shimizu, Department of Political Science, 2019
Michelle Sobolak, Department of Instruction and Learning, 2020
Jason Shoemaker, Department of Chemical and Petroleum Engineering, 2019
Max Stephens, Department of Civil and Environmental Engineering, 2019
Jessica Stephenson, Department of Biological Sciences, 2020
Heather Szabo Rogers, Department of Oral Biology, 2017
Susheng Tan, Department of Electrical and Computer Engineering, 2018
Brian Thomas, Department of Geology and Environmental Science, 2019
Teresa Thomas, Department of Health Promotion and Development, 2019
Yiming Wang, Department of Chemistry, 2019
Rebecca Webb, Division of Natural Sciences, Pitt-Johnstown, 2017
Josef Werne, Department of Geology and Environmental Science, 2020
Emily West, Department of Political Science, 2019
Darren Whitfield, School of Social Work, 2018
Christopher Wilmer, Department of Chemical and Petroleum Engineering, 2017
Jonathan Woon, Department of Political Science, 2018
Eugenia Wu, Pitt Business, 2017, 2020
Feng Xiong, Department of Electrical and Computer Engineering, 2018 and 2019
Wei Xiong, Department of Mechanical Engineering and Materials Science, 2019
Corinne Zawacki, Department of Biological Sciences, 2020
Bo Zeng, Department of Industrial Engineering, 2017

Chancellor’s Distinguished Public Service Award
Betty Braxter, Department of Health Promotion and Development, 2020
Kay Brummond, Department of Chemistry, 2018
Thistle I. Elias, Department of Behavioral and Community Health Sciences, 2019
Rosta Farzan, Department of Informatics and Networked Systems Faculty, 2022
Richard Garland, Department of Behavioral and Community Health Sciences, 2022
Paul Harper, Department of Business Administration, 2021
Kent Harries, Department of Civil and Environmental Engineering, 2020
Timothy Holler, Department of Criminal Justice, Pitt-Greensburg, 2021

Ray Jones, Department of Business Administration, 2020

Christi Kolarick, Department of Pathology, 2020

Mark Kramer, Department of English, 2019

Steven R Little, Department of Chemical and Petroleum Engineering, 2019

Jules Lobel, School of Law, 2020

Anthony S Novosel, Department of History, 2017

Margaret Rosenzweig, Department of Acute and Tertiary Care, 2021

Doris Rubio, Department of Biomedical Informatics, 2021

John Sebastian, Department of Civil and Environmental Engineering, 2022

Shannon Wanless, Department of Health and Human Development, 2022

Chancellor’s Distinguished Research Award: Junior Scholars

Kara Bernstein, Department of Microbiology and Molecular Genetics School, 2017

Heath Cabot, Department of Anthropology, 2021

Anne-Ruxandra Carvunis, Department of Computational and Systems Biology, 2022

Maria Chikina, Department of Computational and Systems Biology, 2020

Nathan Clark, Department of Computational and Systems Biology, 2019

Gina Ann Garcia, Department of Educational Foundations, Organizations and Policy, 2022

Jules Gill-Peterson, Department of English, 2020

Michael Hatridge, Department of Physics and Astronomy, 2021

Haitao Liu, Department of Chemistry, 2017

Peng Liu, Department of Chemistry, 2020

Jill E. Millstone, Department of Chemistry, 2018

Rebecca Price, Department of Psychiatry, 2021

Ervin Sejdik, Swanson School of Engineering, 2018

Matiangai Sirleaf, School of Law, 2019

Cecelia Yates, Department of Health Promotion and Development, 2022

Chancellor’s Distinguished Research Award: Senior Scholars

Derek C. Angus, Department of Critical Care Medicine, 2019

Hülya Bayir, Department of Critical Care Medicine, 2018

David Brent, Department of Psychiatry, 2022

Jeffrey Brodsky, Department of Biological Sciences, 2022

Daniel Bysse, Department of Psychiatry, 2020

Yvette Conley, School of Nursing, 2020

Yan Dong, Department of Neuroscience, 2020

JoAnne Flynn, Department of Microbiology and Molecular Genetics, 2019

Robert Friedlander, Department of Neurological Surgery, 2021

Sarah L. Gaffen, Department of Medicine, 2018

Mark T. Gladwin, Department of Medicine, 2017

Heng Huang, Department of Electrical and Computer Engineering, 2021

Jeff Inman, Department of Marketing, 2022

Thomas W. Kensler, Department of Pharmacology and Chemical Biology, 2017

Edouard Machery, Department of History and Philosophy of Science, 2018

Mary Phillips, Department of Psychiatry, 2019

Ronald D. Stall, Department of Behavioral and Community Health Sciences, 2017

Lise Vesterlund, Department of Economics, 2021

Chancellor’s Distinguished Teaching Award

Salah Al-Zaiti, Department of Acute and Tertiary Care, 2020

Jeff Aziz, Department of English, 2020

Barbara Barnhart, Natural Sciences, Mathematics and Engineering, 2019

Chris Bonneau, Department of Political Science, 2021

Lisa Borghesi, Department of Immunology, 2021

Brenda Cassidy, Department of Health Promotion and Development, 2022

Jennifer Cousins, Department of Psychology, 2020

Lori Delale-O’Connor, Department of Educational Foundations, 2021

Samuel Dickerson, Department of Electrical and Computer Engineering, 2022

Peter Drain, Department of Cell Biology, 2022
Philip Empey, Department of Pharmacy and Therapeutics, 2018
Sean Garrett-Roe, Department of Chemistry, 2017
Sara Goodkind, Department of Sociology, 2018
Robin E. Grubs, Genetic Counseling Program, 2019
Tammy Haley, Department of Biological and Health Sciences, 2019
Andrea Hergenroeder, Department of Physical Therapy, 2022
Zsuzsa Horvath, Department of Dental Public Health, 2021
Jana Iverson, Department of Psychology, 2018
Ray Jones, Katz Graduate School of Business/CBA, 2018
Melissa J. Marks, Department of Behavior Sciences, 2017
Barry M. Mitnick, Katz Graduate School of Business, 2021
Daniel Lambrecht, Department of Chemistry, 2019
David Sanchez, Department of Civil and Environmental Engineering, 2020
John Schumann, Department of Neurobiology, 2017
Cindy Skrzycki, Dietrich School of Arts and Sciences, 2017
Carla Spagnoletti, Division of General Internal Medicine, 2020
Richard Steinman, Hillman Cancer Center, 2019
Alan Sved, Department of Neuroscience, 2018
Götz Veser, Department of Chemical and Petroleum Engineering, 2022

**Innovation in Education Award**

Dmitriy Babichenko, Department of Informatics and Networked Systems, 2020
Joanne Baird, Department of Occupational Therapy, 2022
Sara Baumann, Department of Behavioral and Community Health Sciences, 2018
Lucas Berenbrok, Department of Pharmacy and Therapeutics, 2020
Amy Bowser, Department of Health and Community Systems, 2022
Renee Clark, Department of Industrial Engineering, 2018

Samuel Dickerson, Department of Electrical and Computer Engineering, 2018
Gianni Downs, Department of Theatre Arts, 2018
Dawna Duff, Department of Communication Science and Disorders, 2020
Annmarie Duggan, Department of Theatre Arts, 2018
Nicholas Farnan, Department of Computer Science, 2020
Elizabeth Felter, Department of Behavioral and Community Health Sciences, 2018
Ashley Firm, Department of Pharmacy and Therapeutics, 2018
William Garrison, Department of Computer Science, 2020
Jessica Ghilani, Division of Humanities, Pitt-Greensburg, 2020
Reem Hannun and Abigail Carroll, Department of Geology and Environmental Science, 2022
Karthik Hariharan, Department of Physician Assistant Studies, 2022
Prema Iyer, Department of Pharmaceutical Sciences, 2022
Leah Jacobs, School of Social Work, 2018
Lauren Jonkman, Department of Pharmacy and Therapeutics, 2022
Robert Kerestes, Department of Electrical and Computer Engineering, 2020
Paul Lucas, Division of Humanities, Pitt-Johnstown, 2018
Tommy Mayberry, Division of Biological and Health Sciences, Pitt-Bradford, 2018
Elaine Mormer, Department of Communication Science and Disorders, 2020
Emily Murphy, Department of Physician Assistant Studies, 2018
Diane Nicodemus, Division of Humanities, Pitt-Johnstown, 2018
Linda O’Reilly, Department of Biological Sciences, 2022
Helen Petracchi, School of Social Work, 2018
Sarah Ruffell, Division of Biological and Health Sciences, Pitt-Bradford, 2018
Zuzana Swigonova, Department of Biological Sciences, 2018
Amy Williams, Department of Music, 2022
Patty Wharton-Michael, Division of Humanities, Pitt-Johnstown, 2018
Forge Your Own Path Grant, formerly known as Personalized Education Grant

Andrea Abt, Pitt Interprofessional Center for Health Careers, 2019
Liz Adams, College of Business Administration, 2019
Ryan Alvarado, Department of Mathematics, 2019
Dmitriy Babichenko, Department of Informatics and Networked Systems, 2020
Jordan Ariel Barria Pineda, Department of Informatics and Networked Systems, 2019
Paul Barto, Department of Athletics, 2019 and 2020
Christine Berliner, Department of Biological Sciences, 2019, 2021
Sean Bridgen, School of Computing and Information, 2021
Peter Brusilovsky, Department of Informatics and Networked Systems, 2019 and 2020
Kim Hung Chau, Department of Informatics and Networked Systems, 2019
Susie Chen, Department of Psychology, 2019
Kar Hai Chu, Department of Medicine, 2019 and 2020
Denise Chisholm, Department of Occupational Therapy, 2020
Leigh A. Coogan, School of Law, 2020, 2021
Colleen Culley, Department of Pharmacy and Therapeutics, 2021
Shelby Dawkins-Law, Department of Administrative and Policy Studies, 2020
Linda DeAngelo, Department of Administrative and Policy Studies, 2019 and 2020
Samuel Dickerson, Department of Electrical and Computer Engineering, 2019
Laura Dietz, Department of Rehabilitation Science and Technology, 2021
Lina Dostilio, Office of Community and Governmental Relations, 2019 and 2020
Gianni Downs, Department of Theatre Arts, 2020
Dawn Drahnak, Division of Nursing and Health Sciences, Pitt-Johnstown, 2020
Annmarie Duggan, Department of Theatre Arts, 2020
Benjamin Espinoza, Mathematics, Pitt-Greensburg, 2020
Rebecca Farabaugh, Dietrich School of Arts and Sciences 2021
Mallory Ferguson, Division of Nursing and Health Sciences, Pitt-Johnstown, 2020
Kenrick Fernandes, Department of Computer Science, 2019
Beth Fields, Department of Occupational Therapy, 2020
Julie Fiez, Department of Psychology, 2019
Cassidy Fischer, Department of Film Studies (Alumna), 2019
Frank Wilson, Office of Academic Affairs, Pitt-Greensburg, 2020, 2021
Eben Witherspoon, Learning Research and Development Center, 2019
Kevin Wu, Department of Biological Sciences, 2019, 2021
Lauren Yaich, Division of Biological and Health Sciences, Pitt-Bradford, 2020
Michelle Zuckerman-Parker, Department of Medicine, 2020

Pitt Seed Grant
Alaine Allen, Swanson School of Engineering, 2020
Christopher Drew Armstrong, Department of History of Art and Architecture, 2019
Angela Athanas, Department of Mathematics, 2020
Dmitriy Babichenko, Department of Informatics and Networked Systems, 2019
Mackenzie Ball, Department of Computer Science, 2020
Brandon Barber, Swanson School of Engineering, 2021
Paul Barto, Department of Athletics, 2020
April Belback, Office of the Provost, 2021
Nehal Bhojak, Department of Otolaryngology, 2020
Kevin Binning, Department of Psychology, 2021
Alex Bittner, Office of Admissions, Pitt-Greensburg, 2020
Christopher Bonneau, Department of Political Science, 2019
David Boone, Department of Biomedical Informatics, 2020
Ronald Brand, School of Law, 2019
Melissa Brandes, Department of Athletics, 2020
Aaron Brenner, University Library System, 2020
Zachary Brodt, University Library System, 2020
John Cannon, Honors College, 2021
Judy L. Cameron, Department of Psychiatry, 2020
John Camillus, Pitt Business, 2020
Babs Carryer, Innovation Institute, 2020
Rakie Cham, Department of Bioengineering, 2019
Jeremiah Coldsmith, Division of Social Sciences, Pitt-Johnstown, 2019
Nancy Condee, Department of Slavic Languages and Literatures, 2019

Vaughn Cooper, Department of Microbiology and Molecular Genetics, 2021
Christine Dahlin-Schuster, Division of Natural Sciences, Pitt-Johnstown, 2019
Lori Delale-O’Connor, School of Education, 2020
George Dougherty, Graduate School of Public and International Affairs, 2020
Ervin Dyer, Office of University Communications and Marketing, 2020
Stephen Emery, Department of Obstetrics, Gynecology and Reproductive Sciences, 2019
Kerry Empey, Department of Pharmacy and Therapeutics, 2020
Max Fedor, Department of Otolaryngology, 2020
Goeran Fiedler, Department of Rehabilitation Science and Technology, 2020
Müge Finkel, Graduate School of Public and International Affairs, 2020
Jennifer Ganger, Department of Psychology, 2021
Umeka Ganjoo, School of Public Health, 2021
Ann Gleason, Center for Military Medicine Research, 2020
Cynthia Golden, Office of the Provost, 2021
Becky Gonda, Department of Biological Sciences, 2020
Benjamin Gordon, Department of Religious Studies, 2020
Aaron Graham, University Center for Teaching and Learning, 2019
Kelly Hammonds, Department of Athletics, 2020
Jill Henning, Division of Natural Sciences, Pitt-Johnstown, 2019
Zach Horton, Department of English, 2020
Melanie Hughes, Department of Sociology, 2020
Jennifer Iriti, Learning Research and Development Center, 2020
Stephanie Jimenez, Division of Natural Sciences, Pitt-Johnstown, 2019
Lorna Kearns, University Center for Teaching and Learning, 2019
Ross Kleinstuber, Division of Social Sciences, Pitt-Johnstown, 2019
Tuangtip Klinbubpa-Neff, Department of English, Pitt-Johnstown, 2021
Rachel Kranson, Department of Religious Studies, 2020
Krista Kutina, Department of Rehabilitation Science and Technology, 2020
Maureen Lazar, Kenneth P. Dietrich School of Arts and Sciences, 2020
Alison Slinskey Legg, Department of Biological Sciences, 2020
Lingfeng Liu, Department of Chemistry, 2021
Brianna Lombardi, School of Social Work, 2020
Jared Magnani, Department of Medicine, 2020
Jessica Malandro, Innovation Institute, 2020
Amber McAlister, Division of Humanities, Pitt-Greensburg, 2019
Jessica Merlin, School of Medicine, 2021
David Y. Miller, Graduate School of Public and International Affairs, 2020
Ann Mitchell, Department of Health and Community Systems, 2020
Michele Montag, Dietrich School of Arts and Sciences, 2020
Channing L. Moreland, School of Health and Rehabilitation Sciences, 2021
Scott Morgenstern, Department of Political Science, 2020
Clark Muenzer, Department of German, 2019
Tim Nokes-Malach, Department of Psychology, 2020
Esohe Osai, Department of Psychology in Education, 2020
Leigh Patel, School of Education, 2019
Ravi Patel, School of Pharmacy, 2020
Elizabeth Pitts, Department of English, 2020
Sandra Prigg-Monteverde, Graduate School of Public and International Affairs, 2020
Lisa Reffner, Office of the Registrar, Pitt-Greensburg, 2020
Michele Reid-Vazquez, Department of Africana Studies, 2019
Joseph Samosky, Department of Bioengineering, 2021
Sylvia Rhor Samaniego, Department of History of Art and Architecture, 2020
Daniel Rosen, School of Social Work, 2020
Margaret Rosenzweig, Department of Acute/Tertiary Care, 2020
Julia Santucci, Graduate School of Public and International Affairs, 2020
Jennifer Silk, Department of Psychology, 2020
Abdesalam Soudi, Department of Linguistics, 2019
Natasha Tokowicz, Department of Psychology, 2020
Luis Vargas, Pitt Business, 2019
Sheila Velez Martinez, School of Law, 2021
David Vorp, Department of Bioengineering, 2020
David Wallace, Department of Critical Care Medicine, 2019
Y. Ken Wang, Division of Management and Education, Pitt-Bradford, 2020
Jessica Wandelt, Department of Biological Sciences, 2021
Anna Wang-Erickson, Department of Pediatrics, 2021
Karin Warner, Department of Nurse Anesthesia, 2020
Kurt Weiss, Department of Orthopaedic Surgery, 2019
Geoffrey Wood, Division of Social Sciences, Pitt-Greensburg, 2020
Jennifer Woodward, Office of the Senior Vice Chancellor for Research, 2019
Gerald Zahorchak, Division of Education, Pitt-Johnstown, 2019
Haihui Zhang, University Library System, 2019
PITT MOMENTUM FUNDS

Scaling Grants

Paul Abernathy, Neighborhood Resilience Project, 2021
Josefina Bañales, Department of Psychology, 2021
Kayhan Batmanghelich, Department of Biomedical Informatics, 2020
Eric Beckman, Department of Chemical and Petroleum Engineering, 2020
Wendie Berg, Department of Radiology, 2020
Jamil Bey, Urban Kind Institute, 2021
Melissa Bilec, Department of Civil and Environmental Engineering, 2020
Shanyce Campbell, Department of Educational Foundations, Organization and Policy, 2021
Rivka Colen, Department of Radiology, 2020
Patricia Documet, Department of Behavioral and Community Health Sciences, 2021
Jalyn Evans-Williams, School of Education, 2021
Omid Fotuhi, Learning Research and Development Center, 2021
John Gilbertson, Department of Biomedical Informatics, 2020
Joshua Galperin, School of Law, 2020
Seong Jae Hwang, Department of Computer Science, 2020
Vikas Khanna, Department of Civil and Environmental Engineering, 2020
Peng Liu, Department of Chemistry, 2020
Louis Maraj, Department of English, 2021
Judy Martin, Department of Pediatrics, 2021
Elizabeth Miller, Department of Pediatrics, 2021
Robert Nishikawa, Department of Radiology, 2020
Esohe Osai, Department of Health and Human Development, 2021
Ashok Panigrahy, Department of Radiology, 2020
Maya Ragavan, Department of Pediatrics, 2021
Daniel Rosen, School of Social Work, 2021
Khirsten Scott, Department of English, 2021
Götz Vesper, Department of Chemical and Petroleum Engineering, 2020
David Vorp, Department of Bioengineering, 2020
Amy Wildermuth, School of Law, 2020
Shandong Wu, Department of Radiology, 2020

Teaming Grants

Steven Albert, Department of Behavioral and Community Health Sciences, 2020
Shawn Alfonso-Wells, Dietrich School Advising Center, 2020
Malihe Alikhani, Department of Computer Science, 2021
James Anderson, RAND Corporation, 2021
George Reid Andrews, Department of History, 2020
Kevin Ashley, School of Law, 2021
Daniel Bain, Department of Geology and Environmental Science, 2021
Josefina Bañales, Department of Psychology, 2021
Kevin Binning, Department of Psychology, 2020  
Jennifer Bomberger, Department of Microbiology and Molecular Genetics, 2020  
David Boone, Department of Biomedical Informatics, 2021  
Jaime Booth, School of Social Work, 2021  
Richard Boyce, Department of Biomedical Informatics, 2020  
Richard Boyce, Department of Biomedical Informatics, 2021  
Jerome Branche, Department of Hispanic Languages and Literatures, 2020  
Yuri Bunimovich, Department of Dermatology, 2020  
Thuy Bui, Department of Medicine, 2020  
Rabikar Chatterjee, Katz Graduate School of Business, 2021  
Vaughn Cooper, Department of Microbiology and Molecular Genetics, 2020  
Tim Corcoran, Department of Medicine, 2020  
T. Elon Dancy, Center for Urban Education, 2021  
Esa Davis, Department of Medicine, 2020  
Linda DeAngelo, Department of Administrative and Policy Studies, 2020  
Lori Delale-O’Connor, Department of Education Foundations, Organizations and Policy, 2021  
Michael R. Dietrich, History and Philosophy of Science, 2020  
Patricia Documet, Department of Behavioral and Community Health Sciences, 2021  
Yohei Doi, Department of Medicine, 2020  
Ghady Haidar, Department of Medicine, 2020  
Emily Elliott, Department of Geology and Environmental Science, 2021  
Diana Escobar-Rivera, Casa San José, 2021  
Abi Fapohunda, Department of Africana Studies, 2020  
Gina Garcia, Department of Administrative and Policy Studies, 2020  
Tiffany Gary-Webb, Department of Epidemiology, 2020  
Marcela Gonzalez Rivas, Graduate School of Public and International Affairs, 2021  
Sara Goodkind, School of Social Work, Department of Sociology, and Gender, Sexuality, and Women's Studies Program, 2021  
Balasubramani Goundappa, Department of Epidemiology, 2020  
Graham Hatfull, Department of Biological Sciences, 2020  
Brandon Grainger, Department of Electrical and Computer Engineering, 2021  
Benjamin Gutschow, Casa San José, 2021  
Jamie Hanson, Department of Psychology, 2021  
Daqing He, Department of Informatics and Networked Systems, 2021  
Kirk Holbrook, Community Engagement Center (CEC) in the Hill, 2021  
James Huguley, School of Social Work, 2021  
Rebecca Hwa, Department of Computer Science, 2021  
Seong Jae Hwang, Department of Computer Science, 2021  
Alina Ioileva, Department of Medicine, 2020  
Valerian Kagan, Department of Environmental and Occupational Health, 2020  
Lorna Kearns, University Center for Teaching and Learning, 2020  
Sarah Krier, Department of Infectious Diseases and Microbiology, 2020  
Geoff Kurland, Department of Pediatrics, 2020  
Sung Kwon Cho, Department of Mechanical Engineering, 2021  
Seema Lakdawala, Department of Microbiology and Molecular Genetics, 2020  
Hang Lin, Department of Orthopaedic Surgery, 2021  
Diane Litman, Department of Computer Science and Learning Research and Development Center, 2021  
Martha Mantilla, Hillman Library, 2020  
Noble Maseru, Schools of Health Sciences, 2021  
La’Tasha Mayes, New Voices for Reproductive Justice, 2020  
Erica McGreevy, Department of Biological Sciences, 2020  
Marian Michaels, Department of Pediatrics, 2020  
Stephanie Mitchell, Department of Pathology, 2020  
Daniel Mosse, Department of Computer Science, 2021  
Paul Munro, Department of Informatics and Networked Systems, 2020  
José Ochoa, Casa San José, 2021  
Paul Ohodnicki, Department of Mechanical Engineering and Materials Science, 2021  
Lisa Parker, Department of Human Genetics, 2020  
Eric Perry, Department of Geology and Environmental Science, 2021  
Tomar Pierson-Brown, School of Law, 2020  
Joe Pilewski, Department of Medicine, 2020
Jim Pipas, Department of Biological Sciences, 2020
Sheila Pratt, Department of Communication Science and Disorders, 2021
Maya Ragavan, Department of Pediatrics, 2021
Doug Reed, Department of Immunology, 2020
Michele Reid-Vazquez, Department of Africana Studies, 2020
Sharon Ross, Department of Health and Human Development, 2021
Mónica Ruiz, Casa San José, 2021
Shilpa Sant, Department of Pharmaceutical Sciences, 2021
Eitan Shelef, Department of Geology and Environmental Science, 2021
Jackie Smith, Department of Sociology, 2021
Sunil Saxena, Department of Chemistry, 2020
Christian Schunn, Department of Psychology, 2020
Ryan Shields, Department of Medicine, 2020
Jada Shirriel, Healthy Start, Inc., 2020
Fernanda Silveira, Department of Medicine, 2020
Matiangai Sirleaf, School of Law, 2020
Alysia Tucker, Allegheny County Health Department, 2020
Luis Van Fossen Bravo, Center for Latin American Studies, 2020
Wilbert Van Panhuis, Department of Epidemiology, Biomedical Informatics, 2020
Daria Van Tyne, Department of Medicine, 2020
Anna Wang-Erickson, Department of Pediatrics, 2020
Mari Webel, Department of History, 2020
John Williams, Department of Pediatrics, 2020
Dannai Wilson, Allegheny County Health Department, 2020
Steve Wisnieski, Department of Epidemiology, 2020

Betty Braxter, Department of Health Promotion and Development, 2021
Caitlin Bruce, Dietrich School of Arts and Sciences, 2021
Peter Campbell, Department of English, 2020
Oreen Cohen, Department of Interdisciplinary Artist, 2021
Trisha Cousins, Department of Sports Medicine and Nutrition, 2021
Willa Doswell, Department of Health Promotion and Development, 2021
Lisa Emili, Penn State Altoona, 2021
Charles Exley, Department of East Asian Languages and Literatures, 2020
Lei Fang, Department of Civil and Environmental Engineering, 2021
Elizabeth Farmer, School of Social Work, 2020
Thomas Farmer, Department of Health and Human Development, 2021
Morgan Frank, Department of Informatics and Networked Systems, 2021
John Gardner, Department of Geology and Environmental Science, 2021
Leanne Gilbertson, Department of Civil and Environmental Engineering, 2020
Karen Gilmer, Department of Theatre Arts, 2020
Max Gonzales, Boom Concepts, 2021
Michelle Granshaw, Department of Theatre Arts, 2020
Sarah Hainer, Department of Biological Sciences, 2021
Paul Harper, Katz School of Business, 2021
Inmaculada Hernandez, Department of Pharmacy and Therapeutics, 2020
Raúl Hernández Sánchez, Department of Chemistry, 2020
Karl Herrup, Department of Neurobiology, 2020
Jeffrey Hildebrand, Department of Biological Sciences, 2020
Zachary Horton, Department of English, 2020
Jingtong Hu, Department of Electrical and Computer Engineering, 2020
James Huguley, School of Social Work, 2021
Xiaowei Jia, Department of Computer Science, 2021
Adriana Kovashka, Department of Computer Science, 2020
In Hee Lee, Department of Electrical and Computer Engineering, 2021
Klaus Libertus, Department of Psychology, 2020

Seeding Grants (known as Priming Grants moving forward)
Jenna Baron, ARYSE (Alliance for Refugee Youth Support and Education), 2021
Mostafa Bedewy, Department of Industrial Engineering, 2020
Benjamin Benosman, Department of Ophthamology, 2020
Kevin Binning, Learning Research and Development Center, 2021
Yu-ru Lin, Department of Informatics and Networked Systems, 2021
Sera Linardi, Graduate School of Public and International Affairs, 2021
Josue Lopez, Department of Teaching, Learning, and Leading, 2021
Ravi Madhavan, College of Business Administration, 2020
Lisa Maillart, Department of Industrial Engineering, 2020
Michael Meyer, Department of English, 2020
Elizabeth Miller and Janine Talis, Department of Pediatrics, 2020
Eric Moe, Department of Music, and Angie Cruz, Department of English, 2020
James Pickett, Department of History, 2020
Shane Pilster, Rivers of Steel, 2021
Elizabeth Pitts, Department of English, 2020
Shanti Rabindran, Graduate School of Public and International Affairs, 2021
Mary Elizabeth Rauktis, School of Social Work, 2021
Rebecca Reed, Anna Marsland and Steve Manuck, Department of Psychology, 2020
Todd Reeser, Department of French and Italian Languages and Literatures, 2021
Sylvia Rhor Samaniego, Department of History of Art and Architecture, 2021
Laura Ritchey, Department of Chemistry, Pitt-Johnstown, 2021
Eric Roberts, Department of Health Policy and Management, 2020
Rachel Robertson, Department of Teaching, Learning, and Leading, 2021
Andrea Rosso, Department of Epidemiology, 2020
Shervin Sammak, Department of Mechanical Engineering and Materials Science, 2020
Mitzy Schaney, Department of Environmental Studies, Pitt-Johnstown, 2020 and 2021
Paul Scott, Department of Health and Community Systems, 2021
Aimee Sgourakis, University Library System Department of Research and Educational Support, 2021
Alison Stones, Department of History of Art and Architecture, 2020
Heather Szabo Rogers, Department of Oral Biology, 2020
Fengyan Tang, School of Social Work, 2020 and 2021
Xulong Tang, Department of Computer Science, 2021
Teresa Thomas, Department of Health Promotion and Development, 2021
Gelsy Torres-Oviedo, Department of Bioengineering, 2020
Martin Turcotte, Department of Biological Sciences, 2020
Daniel Villarreal, Department of Linguistics, 2021
Emily Wanderer, Department of Anthropology, 2020
Carl Wang-Erickson, Department of Mathematics, 2020
Andrea Weinstein, Department of Psychiatry, 2020
Emily West, Department of Political Science, 2020
Feng Xiong, Department of Electrical and Computer Engineering, 2020
Trevor Young-Hyman, College of Business Administration, 2020

Social Sciences Research Initiative
Raja Adal, Department of History, 2020
Chris Belasco, Graduate School of Public and International Affairs, 2019
Paola Buitrago, Pittsburgh Supercomputing Center, 2020
Heath Cabot, Department of Anthropology, 2019
Michael Colaresi, Department of Political Science, 2020
Michael R. Dietrich, Department of History and Philosophy of Science, 2019
Yue Ding, Department of Political Science, 2018
Rosta Farzan, Department of Informatics and Networked Systems, 2018
Müge Finkel, Graduate School of Public and International Affairs, 2019
Michael Goodhart, Department of Political Science, 2019
Bryan Hanks, Department of Anthropology, 2018
Jamie Hanson, Department of Psychology, 2019
Melanie Hughes, Department of Sociology, 2019
Prashant Krishnamurthy, Department of Informatics and Networked Systems, 2020
Carrie Leana, Pitt Business, 2020
Yu-Ru Lin, Department of Informatics and Networked Systems, 2020
Sera Linardi, Graduate School of Public and International Affairs, 2020
Ravindranath Madhavan, Pitt Business, 2018
Elizabeth Miller, Department of Pediatrics, 2020
Scott Morgenstern, Department of Political Science, 2020
Maureen Porter, Department of Administrative and Policy Studies, 2019
Cassie Quigley, Department of Instruction and Learning, 2020
Jeffrey Shook, School of Social Work, 2018
Jennifer Silk, Department of Psychology, 2020
Matiangai Sirleaf, School of Law, 2019
Lu-in Wang, School of Law, 2020
Ming-Te Wang, Department of Psychology in Education, 2019
Mari Webel, Department of History, 2019
Philip Williams, Graduate School of Public and International Affairs, 2020
Jonathan Woon, Department of Political Science, 2020

Special Initiative to Promote Scholarly Activities in the Humanities
Raja Adal, Department of History, 2020
Erin Anderson, Department of English, 2019
Mark Lynn Anderson, Department of English, 2018, 2019 and 2020
Shalini Ayyagari, Department of Music, 2017
Elisa Beshero-Bondar, Division of Humanities, Pitt-Greensburg, 2018
David Birnbaum, Department of Slavic Languages and Literatures, 2019
Jerome Branche, Department of Hispanic Languages and Literatures, 2020
Caitlin Bruce, Department of Communication, 2019
Paola Buitrago, Pittsburgh Supercomputing Center, 2020
Peter Campbell, Department of English, 2020
Mazviita Chirimuuta, Department of History and Philosophy of Science, 2017
Angie Cruz, Department of English, 2017 and 2019
Charles Exley, Department of East Asian Languages and Literatures, 2019
Jules Gill-Peterson, Department of English, 2018, 2019 and 2020
Laura Gotkowitz, Department of History, 2019
Joshua Groffman, Division of Communication and the Arts, Pitt-Bradford, 2020
Randall Halle, Department of German, 2018 and 2019
Cory Holding, Department of English, 2020
Zachary Horton, Department of English, 2020
Tracee Howell, Division of Communication and the Arts, Pitt-Bradford, 2019
Aaron Johnson, Department of Music, 2019
Shirin Fozi Jones, Department of History of Art and Architecture, 2018
Jeanette Jouili, Department of Religious Studies, 2018
Tuangtip Klinbubpa-Neff, Division of Humanities, Pitt-Johnstown, 2017
Neepa Majumdar, Department of English, 2019
Dawn Lundy Martin, Department of English, 2018
Ryan McDermott, Department of English, 2019
Patrick McKelvey, Department of Theatre Arts, 2020
Michael Meyer, Department of English, 2017 and 2020
Benjamin Miller, Department of English, 2017
Elizabeth Monasterios, Department of Hispanic Languages and Literatures, 2019 and 2020
Michael Morrill, Department of Studio Arts, 2018
Christopher Nygren, Department of History of Art and Architecture, 2019
David Pettersen, Department of French and Italian Languages and Literatures, 2019
James Pickett, Department of History, 2019 and 2020
Elizabeth Pitts, Department of English, 2019 and 2020
Mrinalini Rajagopalan, Department of History of Art and Architecture, 2019
Todd Reeser, Department of French and Italian Languages and Literatures, 2019
Pernille Roege, Department of History, 2019
Gayle Rogers, Department of English, 2019
Mathew Rosenblum, Department of Music, 2017 and 2019
Shalini Puri, Department of English, 2020
Alexander Taylor, Department of History of Art and Architecture, 2019
David Tenorio, Department of Hispanic Languages and Literatures, 2020
Molly Warsh, Department of History, 2020
Courtney Weikle-Mills, Department of English, 2018
Amy Williams, Department of Music, 2017