University of Pittsburgh

INNOVATING TOMORROW

School of Computing and Information

Fiscal Year 2025 **Research Report**

TRANSFORM
INNOVATE
CONNECT
EMPOWER

TRANSFORMING LIVES

SCI Researcher Uses AI Chatbots to Engage with Farmers in the Global South

How can artificial intelligence create positive social impacts? Assistant Professor Ryan Shi is empowered to do just that with a recent grant from the Google Academic Research Awards. This highly competitive program supports academic projects that aim to use artificial intelligence to create positive societal impact. Awarded under the Society-Centered AI track, Shi's project explores how to better engage smallholder farmers using digital tools like chatbots and smartphone applications. While many such technologies already exist, they often fall short in reaching and retaining users.

"This grant is about trying to figure out ways to better engage with these farmers. The question isn't just about access to tools, it's about actual usage and long-term interaction," said Shi.

Though this agricultural work may seem unrelated to Shi's earlier food rescue research, both of his projects are bound by a shared technical foundation: user engagement in socially driven platforms.

Before the Google grant, Shi, a faculty member with the Department of Computer Science, worked on optimizing volunteer engagement in food rescue operations, an area akin to food banks, where food is redistributed from donors to food-insecure communities via volunteer drivers. Unlike commercial delivery services, these volunteers are unpaid and cannot be assigned tasks directly.

To make the most of volunteers' time and energy, efficiency was essential. In this work, Shi developed algorithms to balance user attention and participation, a delicate optimization that requires understanding both human behavior and computational efficiency. The lessons learned in that space now inform his efforts in digital agriculture, where similar patterns of engagement and dropout pose challenges to scaling AI for good.

"The food rescue work came directly from my PhD," Shi explains. "But this new project on smallholder farmer engagement is something I've never touched before—not during my graduate studies."

As part of the Google-funded research, Shi initiated a new collaboration with Digital Green, a non-governmental organization focused on agricultural development. This collaboration was built from scratch as an independent principal investigator, emphasizing his move away from relying on prior networks or established research pipelines.

In stepping into a completely new application domain, Shi is broadening both the impact and scope of his research agenda. While his technical interests in user engagement remain consistent, he is exploring new frontiers, both intellectually and institutionally, that define his work as a rising academic voice in AI for social good.

"Working in real application domains doesn't just help us test ideas—it forces us to come up with better ones," said Shi.

Across both the food rescue and agricultural domains, Shi's work reveals how real-world constraints can push the boundaries of technical research. Rather than simply applying existing tools, he often finds himself developing entirely new algorithmic approaches in response to human-centered challenges.

In fact, much of the technical innovation in his current project emerged from early field studies conducted by his collaborators at Digital Green in the Global South, which uncovered a significant barrier to engagement: limited access to mobile data and shared phone usage within households, especially among female farmers.

This dynamic presented a major challenge: How do you design engagement algorithms for users who may be offline most of the time, or may not even control when they can use their phone?

Shi and his team are now developing algorithms that adapt to these nuanced usage patterns, respecting not only when users are likely to be online, but also the socio-cultural

contexts that shape their digital presence. His team can't assume that users are always reachable, therefore they are working to build systems that are smart and sensitive to these real-world limitations. For Shi, these kinds of insights are not peripheral, they're core to his research ideologies.

"We can't assume that users are always reachable. So, we're working to build systems that are smart and sensitive to these real-world limitations," Shi said.

Unlike tech giants, nonprofits often lack the systems and training to turn raw data into actionable insights. This disconnect means Shi's work must not only generate novel algorithms but also navigate the realities of deploying them in environments that aren't built to support complex technology.

Still, for Shi, these challenges are what make the work meaningful. His approach, grounded in community collaboration and responsive innovation, is shaping a new vision for AI research: one that's socially aware, technically rigorous, and unafraid to tackle the messiness of real-world problems.

"One of the biggest challenges is deciding how to prioritize. You have to say no to a lot of things—and even when you say yes, you're constantly choosing between making real-world impact and advancing technical research," said Shi.

—Sanjana Pejathaya (SCI '27)

Ryan Shi
Assistant Professor
Department of Computer Science

TRANSFORM

From farms to food rescue, AI-powered tools are helping communities grow resilience and reduce waste.

INNOVATING SAFER TEAMWORK THROUGH AI

SCI Research Leverages NSF CAREER Grant

As artificial intelligence (AI) systems continue to evolve, they increasingly act as humans' teammates. This is something we experience daily through voice-controlled home devices, virtual assistants like Siri, and even quick AI overviews for Google searches. Researchers like, Na Du, an Assistant Professor with the Department of Informatics and Networked Systems at SCI, are working to make human-tech collaborations smarter and more seamless by designing technology that strengthens the gaps in team environments through situationally aware technology.

The National Science Foundation (NSF) CAREER Award is one of the most prestigious grants available to faculty and researchers in the early stages of their academic careers. With thousands of applicants and only around 500 recipients selected each year, Du received this award to support her research on human-autonomy teaming and situational awareness at SCI.

Du reflects: "Winning the CAREER Award is incredibly rewarding because it enables me to pursue an ambitious, long-term vision at the intersection of human factors, AI, and interface design. It reinforces the importance of focusing not just on technology performance, but on how people and machines collaborate in real-world contexts."

Du's research uses AI with drone technology to better understand and support team dynamics. In high-risk situations such as search and rescue missions, infrastructure inspections, and disaster responses, these environments can benefit from a technological team member that can actively support the mission by filling in human limitations of situational awareness.

The first step in this research is observing how people move and make decisions within a team while considering their specific role in the situation and overall mission. Next, by applying cognitive theory and AI models, the system will predict which areas or pieces of information are critical to the task, and which are likely to be overlooked. Finally, the research will develop intelligent interfaces that help team members understand what others on the team know, improving coordination and communication during a mission.

"Take a natural disaster, for example: search and rescue teams using drones must coordinate in real time to navigate debris, locate survivors, and avoid new hazards. By creating situationally aware technology, we can improve safety, speed up response times, and support better decision-making," explains Du.

This award not only reflects the promising trajectory of Professor Du's career, but also highlights how Pitt's tech innovation landscape is grounded in real-world impact. Her work helps those in high-risk situations feel safer and more confident through technology that extends beyond human capabilities. In fields like public safety and disaster response, this kind of intelligent support can create a more trustworthy and reliable environment for those working on the front lines.

"The future of technology isn't just about smarter algorithms; it's about creating systems that understand how humans think, make decisions, and work together," says Du.

As technology continues to develop, its ability to mirror human traits is one of its greatest strengths. Using those possibilities for good is a staple of the work that comes out of SCI. Du's research serves as an inspiration for the next generation of students and researchers who hope to use technology to solve real-world problems and make an impact.

—Abbey Kosmalski (A&S '26)

INNOVATE

Na Du
Assistant Professor
Department of Informatics and
Networked Systems

CONNECTING WORK, AI, AND SOCIETY

SCI Research Supported by Microsoft AI Economy Institute

In the last year or so, artificial intelligence (AI) has come to the forefront in many fields, but how does it connect education and the workforce? Morgan Frank, an assistant professor with SCI's Department of Informatics and Networked Systems, has recently been awarded a prestigious $80,000 fellowship from Microsoft's newly launched AI Economy Institute to study just that.

The funding from Microsoft supports Frank's ongoing work to understand how exposure to large language models (LLMs) and curriculum design can shape workforce outcomes.

"I believe that my project stood out to Microsoft because it brings together new datasets that other researchers do not have," Frank stated, noting that his work examines datasets with millions of U.S. workers' resumes and U.S. universities' curriculum.

The highly competitive application process for the fellowship meant Microsoft contacted large groups of academics with requests for project proposals.

Frank mentioned how participating in Microsoft's AI Institute is a great way to unite the research and industry perspectives on AI, especially since there is a great deal of uncertainty in how AI will impact college-educated workers. An example Frank highlighted involved two articles from Antropic and The Economist published within four days of each other, each having highly polarized opinions. The former warned that AI could eliminate half of all entry-level white-collar jobs, while the latter discussed how AI had not taken any jobs from workers.

Frank's research acts as a foundation for this conversation and aims to eliminate uncertainty by identifying the nature and magnitude of LLM's effect on worker characteristics such as job loss, wage changes etc., and further quantify how education shapes these outcomes for recent graduates who enter the workforce.

"Currently, there are many voices promoting an AI-driven utopia or, conversely, a future with mass unemployment and limited democracy. Either claim is extreme, and I do not see facts that support them," Frank said.

Frank emphasized the importance of having facts to heavily opinionized claims, and his outlook as a researcher involves providing facts with neutrality and transparency to their greatest ability. That is when policymakers and the public use those facts to guide their outlook and policies. The work is especially timely as policymakers search for guidance on how education systems must adapt, and which populations are most at risk of disruption.

"I think Microsoft sees AI not only as a driver of economic change, but as a force that fundamentally reshapes how education prepares people for work," Frank said. "By supporting research like this, they're creating a public good, one that can't be built through academic or corporate efforts alone."

The Microsoft AI Economy Institute is also a powerful mechanism for bridging the gap between academic research and real-world applications, according to Frank.

"In addition to the funding and networking, the Institute provides a rare opportunity for information sharing between researchers and industry practitioners," he said.

As Microsoft continues to develop and deploy AI systems across sectors, Frank believes that gaining insight into those internal developments, often ahead of public awareness, can help academics frame more timely and impactful research questions. This kind of access allows researchers to better understand how AI technologies evolve in practice, not just in theory, and to identify where societal risks or opportunities may arise.

Morgan Frank
Assistant Professor
Department of Informatics
and Networked Systems

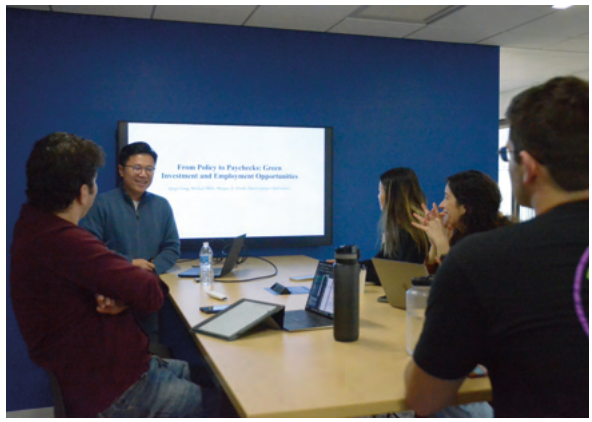
Making an impact on future researchers who are interested in the intersection of AI, work, and society, Frank offers two key pieces of advice:

"First, don't subscribe to the hype… ground your thinking in data," he said. Even long-standing economic theories can become outdated when the real world shifts dramatically, and understanding those changes requires empirical evidence.

"Second, while classical economics is powerful, it's not the only way. New insights that change the conversation often require new data or new methods," he added. Frank encourages future scholars to be both creative and rigorous and to explore innovative approaches while remaining mindful of the limitations and implications of their research.

In addition to Frank's fellowship with Microsoft, he continually shares the implications of his research closer to home at various Pitt events such as the *Pitt Business Impact Conference on Artificial Intelligence 2025*. Ultimately, Frank hopes his work—now with additional support from Microsoft - helps policymakers move beyond reactive decision-making and towards targeted, equitable policies that protect the most vulnerable workers and students, especially as resources for research remain limited and the stakes continue to rise.

—Sanjana Pejathaya (SCI '27)



TEACHING OLD SENSORS NEW TRICKS

How New Tech Empowers Health Care

SCI Assistant Professor Longfei Shangguan and his interdisciplinary research team received the prestigious *Best Paper Award* at *MobiCom 2024*, the top international conference on mobile computing and networking. The award recognizes their paper introducing *Asclepius*, a novel medical device that repurposes recycled earphones as digital stethoscopes to enhance remote health care.

Shangguan, a faculty member with SCI's Department of Computer Science, shared what a great honor it was to receive this award as only one Best Paper Award was given this year,, and it was the result of the hard work of his research team and collaborators from Google, the University of Massachusetts Amherst, University of Georgia and Zhejiang University in China. The development process involved close collaboration with cardiologists, hardware prototyping, securing Institutional Review Board (IRB) approval, and conducting rigorous testing.

The award-winning project was sparked by the clear need exposed during the pandemic which was the limitations of virtual doctor consultations.

"We realized that while video chatting is convenient, it doesn't allow doctors to measure vital health data like heart rate or heart rate variability. They can only observe facial expressions and listen to symptoms, it's far from comprehensive," Shangguan explained.

This realization led to a broader question: could common, often discarded electronic devices be repurposed for health monitoring? Shangguan and his team's basic observation was that "People in the U.S. or Europe might upgrade their phones every few years and just leave the old ones in drawers. But in underserved communities, like parts of Africa, people often can't afford high-end devices like an Apple Watch. They still need access to health care, and we want to help bridge that gap."

This sparked the focus on sustainability and equity, in which the team hopes to repurpose discarded earphones and transform them into health-sensing systems for populations who need accessible health technology.

The concept of deploying Earables internationally began somewhat unexpectedly, when a faculty member from Senegal visited the University of Pittsburgh through the Fullbright Fellowship. That connection turned out to be serendipitous.

"We started talking because we work in similar domains, and I introduced him to our work on *Asclepius*. We quickly began asking: could this be useful for underserved communities in Senegal?" That single visit laid the groundwork for what became a collaborative, international effort.

The University of Pittsburgh's Center for African Studies also played a role, offering internal support and helping connect the research team with partners in Senegal. Although Shangguan didn't travel with the Center's organized faculty cohort, he credits their efforts in facilitating international collaboration and laying the foundation for successful global research.

Limited funding also became an issue when Shangguan's team wanted to bring their collaborators to the United States. However, all these challenges were worth it when he visited Senegal in January. He and his student traveled there to conduct a pilot study, demonstrate their devices, and gather feedback from medical school students, faculty, and even villagers.

"They were really excited. They asked us when we would come back to deploy the system," he said. "That was very meaningful for all of us. My students felt proud. They could see that their work might some day be lifesaving. My research philosophy is that we shouldn't just stay in labs writing papers. We should go out, look around, and see how we can help others," Shangguan said.

Since returning to the U.S., the team has been working on the second version of the hardware and named their approach: teach old sensors new tricks.

Longfei Shangguan
Assistant Professor
Department of
Computer Science

EMPOWER

“We discovered that certain hardware components can serve a second function. But it’s not easy: these reused sensors have lower resolution and accuracy, so we had to develop software techniques to amplify weak signals, like faint heart sounds heard from the ear canal,” said Shangguan. That challenge inspired creative hardware and software solutions and opened the door to broader applications, such as monitoring blood pressure through the ear.

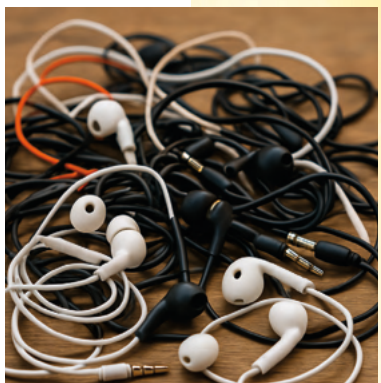
The *Asclepius* project aligns closely with one of SCI’s ideological pillars: empowerment. Shangguan sees the potential of technology to give individuals more control over their own health and well-being.

“I do believe Earables are a very powerful platform for mobile health,” he said. Shangguan mentioned how heavily we rely on wearable technology for health monitoring. We use our arms so frequently that it’s hard to get consistent data via a smart watch. In contrast, earphones sit in a relatively stable environment, making it a more reliable place to gather health signals.

And that’s just the beginning. Shangguan envisions a future where everyone has a personalized AI assistant built into their earphones. As a researcher, Shangguan hopes his work doesn’t just solve today’s problems. He hopes it lights a path for others to follow. With Earables, the aim is not just to innovate but to inspire.

“In academia, we’re always trying to find trends,” he said. “What could be practical in five or ten years? What’s worth paying attention to now, even if it doesn’t exist yet? We want to show that this is possible. We want to guide the industry, or at least give them the idea, that this is a direction worth investing in.”

—Sanjana Pejathaya (SCI ‘27)



DINS extends best wishes and sincere thanks to Professors **Paul Munro**, **Hassan Karimi**, and **Leona Mitchell**. They all "retired" from teaching in 2025, and they will be missed!

DEPARTMENT OF COMPUTER SCIENCE (CS)

ABOUT:

For over 60 years, CS has excelled in teaching and research, having real-world impacts across the globe. From small to large companies and across fields like health care, business, and education, our alumni are making innovative changes in the world. Both our faculty and students continue to conduct transformative research and gain recognition for their groundbreaking discoveries at various conferences.

"I am very excited about the innovative work in the CS department in the past year. We have received several research grants to develop technologies such as wireless digital twins, climate emulators, and AI techniques. Our faculty have earned best paper awards at top conferences, presented at junior faculty rising star forums, and been recognized in undergraduate research competitions. We're teaching courses at the forefront of innovation in AI, architecture, quantum, and education. I am grateful to all colleagues for lending their energy to maintain our strong research, teaching, and service, and look forward to another productive year ahead."

—Adriana Kovashka, Department Chair; Associate Professor

RESEARCH HIGHLIGHT

Reimagining How Quantum Computing is Taught

Dr. Junyu Liu, an assistant professor with CS, launched a new course at *Pitt, CS 1613: Introduction to Quantum Computing*. This course aims to demystify quantum mechanics by connecting it to tangible principles and cutting-edge industry tools, all while opening another area of exploration to SCI students.

As Dr. Liu puts it, *"Quantum computing is not only the future of physics—it's also the future of computation. And that future is starting right here in our classrooms."*

DEPARTMENT OF INFORMATICS AND NETWORKED SYSTEMS (DINS)

ABOUT:

DINS seeks to empower people and organizations by creating innovative technologies that support better decision-making, governance, and business practice across a wide range of industries. Our community of scholars and students work at the junction of information, networks, and human behavior, so that we can understand how all three must work together for businesses and society to thrive. Our research and educational programs have an impact on research, technology development, and day-to-day life by making information useful across a spectrum of industries including higher education, health care, manufacturing, finance, technology, and human services.

"Since the introduction of the World Wide Web in 1989, technological advances have provided the world with opportunities and challenges in equal measure. In 2025, we are looking at a new wave of technologies driven by AI. Our graduates possess the ability to work with new and existing technologies, the creativity to design technologies as yet unthought of, the skills to build them to best meet the needs of users, and the insight and intelligence to ensure the use of those new technologies to benefit our rapidly changing world. Thus, DINS graduates will have the skills and knowledge to lead in today's AI-transformed job market."

—Daqing He, Department Chair; Professor

RESEARCH HIGHLIGHT

Research with Real-World Impacts

Every day, faculty and students in DINS advance the world's understanding of technologies, users of that tech, and how computing and information can benefit governments, industries, and society. For example, Professor **Peter Brusilovsky** leads an *NSF*-funded project leveraging advanced AI technologies to model student learning in computer science and to personalize that learning. **Professors Rosta Farzan** and **Amy Babay's** *NSF*-funded project develops socio-technical networks and tools enabling citizens to collect, share, and analyze air quality measures in their own neighborhoods. **Professor Pengfei Zhou** has filed a *U.S. provisional patent* for a novel technology using low-cost and more readily available photoplethysmography *(PPG)* signals for continuous blood pressure monitoring. These projects, and many more, have the potential to change everyday life, and the quality of that life, in the future.

DEPARTMENT OF INFORMATION CULTURE AND DATA STEWARDSHIP (ICDS)

ABOUT:

The mission of ICDS is to serve the information needs of communities through teaching, research, and library and information scholarship. Since our beginnings in 1901, we have continued to educate and empower librarians, archivists, researchers, and other information professionals with cutting-edge technologies. By connecting people, information, and technology with ethical practices, ICDS contributes to the well-being of individuals, organizations, and communities.

"In 2024-2025, one focus was our connections with our alumni. We sent 23 students to the American Library Association (ALA) conference in Philadelphia, where they connected with Kelly Richards, the director of the Free Library of Philadelphia. Additional visits from Maria McCauley (SCI '21), the recently elected ALA President, and Dr. Maurice Wheeler (SCI '94), the archivist at the Metropolitan Opera, and other events like co-hosting the 2nd annual Vivian Hewitt Lecture with the Carnegie Library of Pittsburgh, showed ICDS is making an impact in Pittsburgh and beyond."

—Mary Kay Biagini, Department Chair; Associate Professor

RESEARCH HIGHLIGHT

ICDS Faculty Connect Communities with Data

In summer and fall 2024, **Dr. Nora Mattern** *(director of the Sara Fine Institute)*, along with teaching associate professor **Dr. Marcia Rapchak** and teaching assistant professor **Dr. Chelsea Gunn**, hosted seven *Civic Switchboard Institutes* for library workers focused on community data. These sessions were held across the United States in partnership with the *Fondren Library at Rice University*, the *Leventhal Map & Education Center* at the *Boston Public Library, Portland State University*, the *University of Notre Dame*, and the *University of North Carolina at Chapel Hill*. Through these sessions, *ICDS* faculty reached 110 library workers from over 80 public, academic, and government libraries nationwide, all of whom identified ways to initiate or expand community data work. This work was funded by the *Institute of Museum and Library Services* via the *Laura Bush 21st Century Librarian Program*.

INTELLIGENT SYSTEMS PROGRAM (ISP)

ABOUT:

For more than 30 years, ISP has been a premier multidisciplinary graduate program at the University of Pittsburgh dedicated to applied artificial intelligence (AI). From the School of Health and Rehabilitation Sciences, School of Medicine, School of Law, School of Education, School of Computing and Information, Swanson School of Engineering, and Kenneth P. Dietrich School of Arts and Sciences, faculty across these schools at the University are represented in the program. Students in ISP gain a well-balanced foundational knowledge of applied AI along with advanced research and training in many disciplines, including computer science, biomedical informatics, cognitive psychology, information science, education, and law.

"As one of the oldest graduate programs in AI in the world, we've continued to build on our expertise and expand our curriculum that's continually evolving to answer the needs of the rapidly growing AI and data science industries. ISP is ready to be at the forefront at Pitt and beyond."

—Peter Brusilovsky, Director; Professor

RESEARCH HIGHLIGHT

SP Faculty Connects Pitt with AI Research Excellence

Ahmad P. Tafti, an ISP faculty member, contributed to the scientific and educational direction of the *Computational Pathology & AI Center for Excellence (CPACE)*, which, received a transformative $10 million investment in AI in medicine from a major industry partner, *Leidos*. Dr. Tafti's involvement in this AI center is a great example of a joint effort between *CPACE, the School of Health and Rehabilitation Sciences*, and *ISP*. One notable effort is *CPACE's* new *AI symposium* (sponsored by *Leidos*) scheduled for November 2025, which is designed to help democratize AI literacy and increase networking opportunities between various key industry, academic, and government stakeholders.

RESEARCH OVERVIEW (FY25)

- Total expenditures: about $8.3 million
- Research areas: artificial intelligence, data science, machine learning, security, networking, social computing, human-computer interaction, computer systems, data management, library and information science

FACULTY AWARDS, GRANTS, AND RECOGNITIONS

James Joshi (DINS) was named Honorary Fellow of the *American Association for the Advancement of Science (AAAS).*

Junyu Liu (CS) received a *NASA Langley Research Center* grant and the *Department of Energy Oak Ridge Leadership Computing Facility Award.*

Xiaowei Jia (CS) was awarded a grant from *NASA's Advanced Information Systems Technology (AIST) Program.*

Nils Murrugarra-Llerena (CS) received a grant from the *U.S. Embassy in Peru.*

Peter Brusilovsky (DINS, ISP) received an *NSF* grant, *"Advanced Student Modeling and Tailored Large Language Models for Personalized Learning in Computer Science Education."*

Peter Brusilovsky (DINS) received an *NSF* grant, *"C-3PE: Comprehensive Personalized Programming Practice Environment."*

Longfei Shangguan (CS) received an *NSF* grant, *"Enhancing Managed Spectrum Sharing with FR3-Cognizant Digital Twins."*

Longfei Shangguan (CS), postdoctoral associate **Tao Chen**, and **Yongjie Yang** won the *Best Paper Award* at the *Annual International Conference on Mobile Computing and Networking.*

Amy Babay (CS), PhD student **Huzaifah Nadeem**, **Maher Khan** (SCI '24G) and **Benjamin Gilby** (SCI '23) won the *Best Paper Award* at the *International Symposium on Reliable Distributed Systems.*

Ryan Shi (CS) received a *Google Academic Research Award.*

Panos Chrysanthis (CS) received the *MDM 2024 Distinguished Contributor Award.*

Morgan Frank (DINS) was part of a research team awarded a grant from *Walmart*.

Rosta Farzan (DINS), **Amy Babay** (CS), and **Erin Walker** (CS) received an *NSF* grant.

Panos Chrysanthis (CS) was elected as a *Fellow* of the *European Alliance for Innovation (EAI)*.

Diane Litman (CS) was named a *Fellow* with the *Asia-Pacific Artificial Intelligence Association (AAIA).*

Jacob Biehl (CS/ICDS) was appointed as an *Electus Faculty Fellow* in the *David C. Frederick Honors College.*

Ryan Shi (CS) and **Michael Miller Yoder** (SCI) received a *Pitt Cyber Accelerator Grant* for their project *"Identifying and Analyzing Influencer Marketing of Pharmaceutical Products on Social Media."*

Raquel Coelho (DINS), **Junyu Liu** (CS), **Ahmed Ibrahim** (DINS), and **Dmitriy Babichenko** (DINS) received a *Pitt Cyber Accelerator Grant* for their project *"Piloting Informal Learning Experiences through Game Prototyping on the Consequences of Quantum Technologies."*

Aakash Gautam (CS/ICDS) received a *Pitt Cyber Accelerator Grant* for his project *"Examining Privacy Practices and Adaptations in Health Research Following the 2023 NIH Data Sharing Policy."*

Frances Correy (ICDS) and **Prashant Krishnamurthy** (DINS) received a *Pitt Cyber Accelerator Grant* for their project *"Exploring the Societal Impacts of Wireless Technology Evolution & Obsolescence."*

Eleanor Mattern (ICDS) received a *Pitt Cyber Accelerator Grant* for her project *"Hemispheric Headspace Extension."*

Diane Litman (CS) represented SCI's past winners of the *Provost's Award in Excellence in Doctoral Mentoring* as a panelist at *Pitt's 2025 Mentoring and Advising Summit*.

FACULTY APPOINTMENTS AND PROMOTIONS

Xiaowei Jia (CS) was promoted to associate professor with tenure

Yu-Ru Lin (DINS) was promoted to full professor

Eleanor Mattern (ICDS) was reappointed to teaching associate professor

Rebecca Morris (ICDS) was promoted to teaching professor

Song Shi (SCI) was promoted to teaching associate professor

Xulong Tang (CS) was promoted to associate professor with tenure

Erin Walker (CS, LRDC) promoted to full professor

James Currier (ICDS) was reappointed to teaching assistant professor

Nicholas Farnan (CS) was reappointed to teaching associate professor

Morgan Frank (DINS) was reappointed to assistant professor

Tim Hoffman (CS) was reappointed to teaching assistant professor

Tan Kosiyatrakul (CS) was reappointed to teaching associate professor

Longfei Shangguan (CS) was reappointed to assistant professor

Angela Stewart (DINS, LRDC) was reappointed to assistant professor

Pengfei Zhou (DINS) was reappointed to assistant professor

Peter Brusilovsky (DINS) was reappointed Intelligent Systems Program Director

Panos Chrysanthis (CS) was appointed Associate Dean for Graduate Programs

Bill Garrison (CS) was appointed Associate Dean for Undergraduate Programs

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