Lucy Family Institute for Data & Society

ANNUAL REPORT 2025-2026

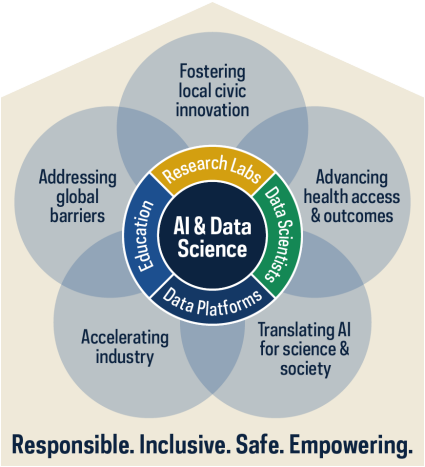
Responsible, inclusive, safe and empowering AI for the common good.



UNIVERSITY OF NOTRE DAME



Table of Contents



3 FROM THE INSTITUTE'S LEADERS

5 MISSION & VISION

7 FOCUSED IMPACT: THE RISE AI GUIDING PRINCIPLES

9 FOSTERING LOCAL CIVIC INNOVATION

11 ADVANCING HEALTH ACCESS & OUTCOMES

13 TRANSLATING AI FOR SCIENCE & SOCIETY

17 BY THE NUMBERS

19 ACCELERATING INDUSTRY

21 ADDRESSING GLOBAL BARRIERS

23 EDUCATION & TRAINING FOR SOCIAL GOOD

27 RISE AI CONFERENCE

29 WHO WE ARE

33 WHERE WE COLLABORATE

35 RESEARCH POWERED BY...

36 OUR PARTNERS

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Dear friends,

The 2025–2026 fiscal year (FY25/26) marked another important chapter for the Lucy Family Institute for Data & Society. As we advanced our mission and supported the University's strategic priorities, we continued to pursue a bold vision: becoming a preeminent hub for foundational, collaborative, and transformative innovation in data and AI for the common good. In our fourth full year, we broadened our reach, deepened partnerships, and expanded our impact from the local to the global stage.



In FY25/26, Institute faculty, faculty fellows, staff, and postdoctoral researchers were credited with over 400 publications and Institute faculty affiliates were credited with 966 publications.

The Institute collaborated with campus and regional partners to address today's most pressing challenges with responsible, inclusive, safe and empowering (RISE) AI guiding principles. This year, we diversified funding partners through new civic and industry projects to advance AI innovation research. A collaboration with the City of South Bend secured a $1 million Bloomberg Mayor's Challenge award to improve service delivery through AI-driven insights. Partnerships with Mastercard improve outcomes for non-native English speakers and enable AI models that preserve data protections, while collaboration with the Fédération Internationale de l'Automobile (FIA) focuses on reducing online abuse and improving digital sports safety.

Beyond research, our community came alive with dialogue and inspiration. We hosted some of the world's leading AI thinkers, continued campus-wide challenges like the Health Data and Analytics Challenge, and brought our work to alumni, local and global stage, and University partners. Each engagement reaffirmed the power of collaboration in shaping technology for human flourishing.

In Fall 2025, we hosted the inaugural RISE AI Conference. The Conference brought together more than 300 participants from 16 countries, 55 companies, and 38 universities, featuring 12 keynote speakers from industry, academia, and the Vatican. Building on this momentum, the RISE AI Latin America Summit will take place in October 2026 in Santiago, Chile.

As part of our commitment to institutional growth and organizational capacity, the Institute appointed Fang Liu, Notre Dame Collegiate Professor and Associate Chair for the department of Applied and Computational Mathematics and Statistics, as the director of the Health Data Exploration & Analytics Lab (HEAL). In her role, Liu leads the Lab's mission to address human health issues through innovative data science and AI, fostering interdisciplinary research and collaboration with university researchers, stakeholders, and community partners. Additionally, Robert Slone, senior vice president and chief scientist at UL Solutions, was welcomed to the Institute as an affiliated faculty. Slone brings extensive scientific expertise that is supporting collaborations within the Institute to drive purposeful AI innovation.

Our core team in Lucy Family Institute now includes 20 faculty, 18 staff, 9 full-time postdoctoral fellows, 13 graduate student scholars, and 28 iTREDS scholars. Both the Lucy Graduate Scholar and iTREDS program, engage students across disciplines from anthropology to business to chemistry to computer science. In addition, we have a total of 165 faculty and staff affiliates.

Looking ahead, our excitement is matched only by our ambition. Through the newly formed Data, AI, and Computing Initiative, the Institute joins others across the University who are at the forefront of advancing data, AI, and computing for the common good.

This exciting new chapter also brings an important leadership transition. As I assume the role of director of the Data, AI, and Computing Initiative, I am delighted to welcome Ahmed Abbasi, the Joe and Jane Giovanini Professor of IT, Analytics, and Operations and co-director of the Human-centered Analytics Lab (HAL) as the next director of the Lucy Family Institute. Ahmed is an exceptional scholar, thoughtful leader, and collaborative colleague whose vision and commitment to advancing data and AI for the common good align deeply with the Institute's mission. I have every confidence that, under his leadership, the Institute will continue to expand its impact while building on the strong foundation we have created together.

Thank you for your unwavering support, which has been instrumental in helping us reach these milestones. It has been a privilege to help shape the Lucy Family Institute alongside our remarkable faculty, staff, students, affiliates, and partners, and I look forward to continuing to work closely with Ahmed and the entire Lucy community as we build an extraordinary future for data, AI, and computing at the University of Notre Dame.

Yours in Notre Dame,

Nitesh Chawla

Nitesh Chawla,
Director, Data, AI, and Computing Initiative
Frank M. Freimann Professor of Computer Science and Engineering
Lucy Family Director for Data & AI Academic Strategy
Founding Director, Lucy Family Institute for Data & Society

Dear colleages and friends,

I am honored to assume the directorship of the Lucy Family Institute for Data & Society. In just six and a half years, under the visionary leadership of Founding Director Nitesh Chawla, Lucy has grown from a bold idea into Notre Dame's catalyst for data-driven innovation; a vibrant, interdisciplinary ecosystem spanning research, education, and translational science. Impressive research production in terms of quantity of publications; signature education programs such as iTREDS that train students to use data science for societal impact, locally and globally; the inaugural RISE AI Conference, which welcomed more than 300 participants; and translational partnerships ranging from a $1 million Bloomberg Mayors Challenge award with the City of South Bend to collaborations with Mastercard and the FIA.



The deeper story, though, is what these accomplishments represent. From its inception, Lucy has been our answer to one of the most pressing and complex questions of our time: what does it mean to lead in an AI-enabled world? The Institute's response — adventurous, collaborative, and ethical innovation in service of society's most vexing problems — has never mattered more.

As we begin this next chapter, guided by our updated mission of advancing human-centered, data-driven and AI convergence research, translational solutions, and education, we will pursue four priorities in the coming year.

First, we will keep human-centered AI and data values at the core of all we do. Our responsible, inclusive, safe, and empowering (RISE) principles will continue to guide how we design, deploy, and translate emerging technologies that support human flourishing.

Second, we will cultivate distinctive depth in select areas where Lucy can lead the world: learning and education analytics, anchored by our new digital engagement for learning analytics research group; our "city labs" such as C-GALL, which partner with local governments and communities on data- and AI-driven civic solutions; and human-centered health analytics. Across all three, our emphasis will be on translational science and policy impact — going the last research mile from discovery to measurable societal outcomes.

Third, we will pursue alternative funding models, including major benefaction and large-scale foundation grants, to supplement our existing sponsored research and partnership streams and provide the sustained resources our ambitions require.

Fourth, we will reimagine Lucy Labs 2.0 — elevating our outstanding core faculty by empowering them to lead focused, high-impact labs that serve as engines of discovery, mentorship, and translation.

I am mindful that our founding director is a tough act to follow, and I am grateful for the extraordinary foundation he and the entire Lucy community have built. With the continued support of our faculty, staff, students, affiliates, partners, and benefactors, I am confident that the Institute's next chapter will be its most consequential yet. Thank you for being part of this journey.

In Notre Dame,

Ahmed Abbasi

Ahmed Abbasi
Director, Lucy Family Institute for Data & Society
Deputy Director, Data, AI & Computing Initiative
The Joe and Jane Giovanini Professor of IT, Analytics, and Operations



Guided by Notre Dame's Mission, the Lucy Family Institute for Data & Society adventurously collaborates on advancing human-centered data-driven and artificial intelligence (AI) convergence research, translational solutions, and education to ethically address society's vexing problems.

As an innovative nexus of academia, industry, and the public, the Institute also fosters data science and AI access to strengthen diverse and inclusive capacity building within communities.

Our vision is to become the preeminent intellectual beacon, inspiring collaborative, equitable, and impactful data and artificial intelligence innovations as a global force for good.

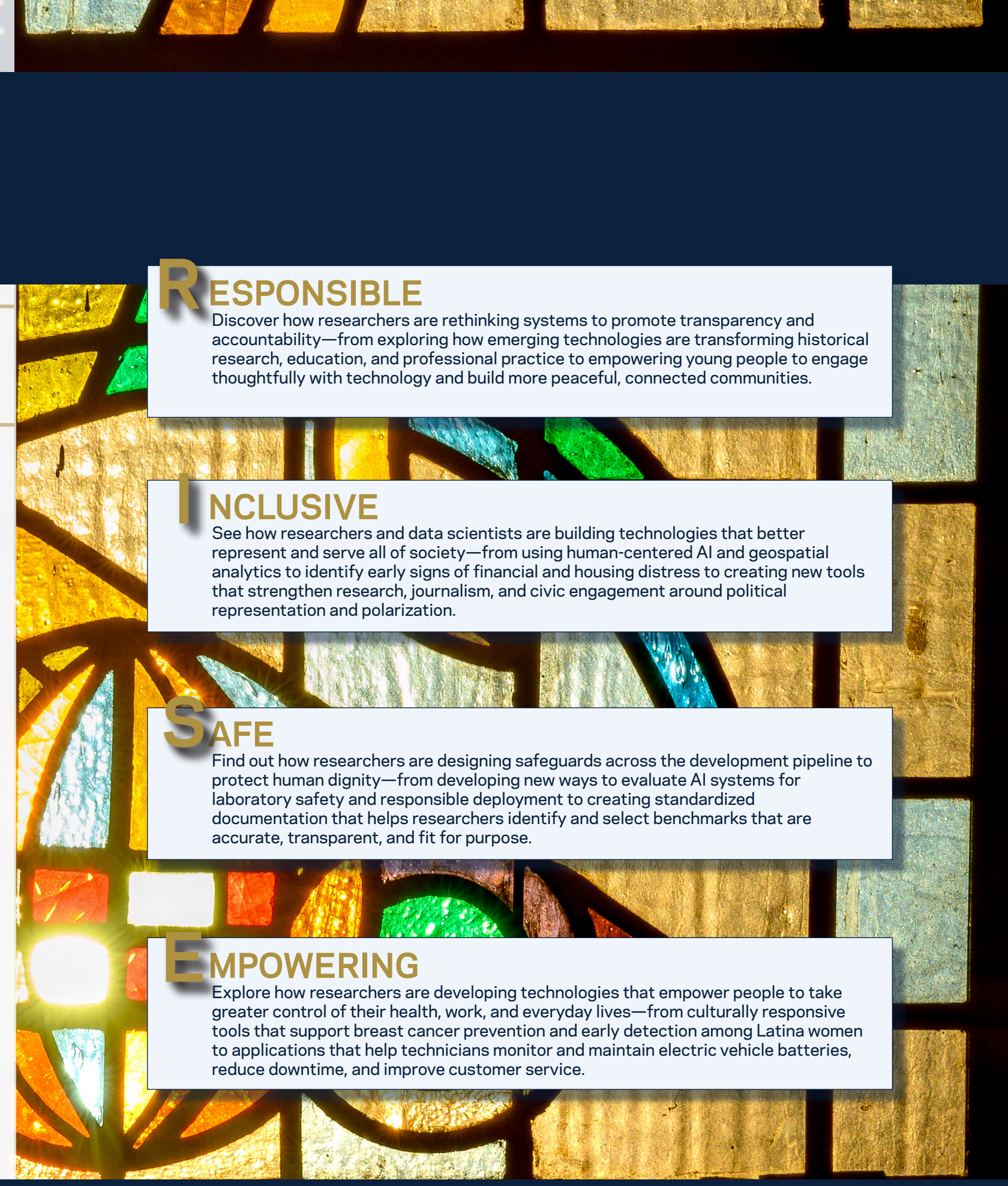


Focused Impact: The RISE AI Principles

Responsible, inclusive, safe, and empowering AI for social good.

The Lucy Family Institute for Data & Society is committed to tackling society's most vexing challenges through careful considerations of data access and the development of responsible, inclusive, safe, and empowering (RISE) systems. The RISE principles serve as the foundation for designing, deploying, and translating human-centered emerging technology systems that support societal flourishing.

Throughout the Annual Report, dedicated "Spotlight" sections will highlight some of the research projects and events aligned with the four principles of RISE.



RESPONSIBLE

Discover how researchers are rethinking systems to promote transparency and accountability—from exploring how emerging technologies are transforming historical research, education, and professional practice to empowering young people to engage thoughtfully with technology and build more peaceful, connected communities.

INCLUSIVE

See how researchers and data scientists are building technologies that better represent and serve all of society—from using human-centered AI and geospatial analytics to identify early signs of financial and housing distress to creating new tools that strengthen research, journalism, and civic engagement around political representation and polarization.

SAFE

Find out how researchers are designing safeguards across the development pipeline to protect human dignity—from developing new ways to evaluate AI systems for laboratory safety and responsible deployment to creating standardized documentation that helps researchers identify and select benchmarks that are accurate, transparent, and fit for purpose.

EMPOWERING

Explore how researchers are developing technologies that empower people to take greater control of their health, work, and everyday lives—from culturally responsive tools that support breast cancer prevention and early detection among Latina women to applications that help technicians monitor and maintain electric vehicle batteries, reduce downtime, and improve customer service.

Fostering Local Civic Innovation

The Institute is home to a community of researchers, faculty, and student scholars who build bridges with partners in St. Joseph County and Elkhart County, Indiana, to develop data and AI-driven advancements that foster innovation and address community challenges.

During FY25/26, the **Civic-Geospatial Analysis and Learning Lab (C-GALL)** expanded its research and community engagement portfolio through interdisciplinary collaborations addressing public health challenges, housing, and regional health planning.

Making advanced sustainability research more accessible to decision-makers, C-GALL director **Matthew Sisk** collaborated with Ming Hu (School of Architecture) and Chaoli Wang (College of Engineering), on a suite of interdisciplinary projects that leverage geospatial data, computer vision, and machine learning to address pressing societal challenges.

Event Spotlight: GIS Day 2025

In November, the Institute joined campus partners in celebrating GIS Day, an annual symposium showcasing how geospatial technologies can transform research, teaching, and public engagement. The event was organized by **Matthew Sisk**, Tricia Bulson (University Facilities Information), doctoral candidate Jacob Swisher, and Julie Vecchio (Navari Family Center for Digital Scholarship), and featured workshops led by the C-GALL, lightning talks, and opportunities for the Notre Dame community to connect around geospatial research and practice.

Their work includes the development of *EcoSphere*, an AI-powered platform that enables policymakers to evaluate building-level carbon emissions and identify more effective strategies for reducing urban carbon footprints, as well as data-driven tools that use street-view imagery and machine learning to assess housing conditions, identify affordable housing retrofit opportunities, and examine the relationship between neighborhood environments and health outcomes.

In addition, C-GALL also contributed geospatial analytics and data science expertise to a multi-institutional study examining geographic disparities in access to chimeric antigen receptor (CAR) T-cell therapy clinical trials for persons living with HIV, helping identify structural barriers that disproportionately affect underserved populations.

Together, these efforts demonstrate C-GALL's commitment to leveraging geospatial analysis, data science, and interdisciplinary partnerships to generate actionable insights that improve health access, sustainability, and quality of life in the South Bend–Elkhart region and beyond.



CARE Project: Community Assistance Risk Estimator

The Institute's Applied Analytics & Emerging Technology Lab (AETL) and C-GALL, in partnership with the City of South Bend, received a $1 million Bloomberg Mayors Challenge award for the CARE Project. Led by **Nitesh Chawla,** the project uses human-centered AI and geospatial analytics to identify financial and housing distress early, helping cities pro-actively connect residents w ith services while advancing responsible public-sector innovation.

R.I.S.E.

Homelessness Bias Detection and Mitigation in Online Discourse

C-GALL and DIAL researchers are collaborating in developing NLP and LLM methods to detect and mitigate online bias against people experiencing homelessness. **Matthew Sisk**, **Xueyun Li** and **Alexis Korotasz** contributed geospatial analytics and community data integration, while **Matthew Hauenstein** led the social science and bias analysis. The team, including collaborators **Jonathan Karr Jr.**, Ben Herbst, Georgina Curto Rex and **Nitesh Chawla**, published its work in the 2025 ACL Student Research Workshop, advancing equitable AI research.

R.I.S.E.



> Affordable housing and health equity are fundamentally spatial problems where the data has historically been expensive and slow to collect. This cluster of projects shows that street-view imagery and modern LLMs can give us a nationwide picture of building conditions and health risks at a fraction of the cost of manual surveys.

-MATTHEW SISK
DIRECTOR, CIVIC-GEOSPATIAL ANALYSIS AND LEARNING LAB (C-GALL)
ASSOCIATE PROFESSOR OF THE PRACTICE, LUCY FAMILY INSTITUTE FOR DATA & SOCIETY



HEAL advances RISE AI by pairing responsible methods — fairness, multimodal learning, interpretability, and efficient LLM inference — with community-centered health problems, from rural health and older-adult mental health to Spanish-speaking cancer prevention and pediatric care. Our goal is not simply to personalize health technology, but to make health AI safer, more inclusive, and empowering for communities that are often left out of data-driven innovation.

-FANG LIU
DIRECTOR, HEALTH DATA EXPLORATION & ANALYTICS LAB (HEAL)
NOTRE DAME COLLEGIATE PROFESSOR AND ASSOCIATE CHAIR, APPLIED AND COMPUTATIONAL MATHEMATICS AND STATISTICS

Advancing Health Access & Outcomes

By employing responsible AI and data analytics tools, the Institute works to identify health disparities, develop focused interventions, and create data-driven research that addresses the needs of those most impacted by barriers to health in the communities that we serve.

The **Health Data Exploration & Analytics Lab (HEAL)** FY25/26 portfolio brings responsible health AI methods together with community-centered health challenges. Featured work includes a focus on rare disease, AI for clinical trial discovery, economic hardship and mental health in later life, Spanish-language cancer prevention and digital literacy, pediatric oncology, neurodiversity, chronic and infectious disease inequities.

Regionally, the portfolio supported cancer research, rural health, older-adult mental health, health data analytics capacity, and community-centered AI. Globally, HEAL emphasized Spanish-language digital health literacy, pediatric oncology, and data-driven health equity. Across these efforts, the lab prioritized responsible, inclusive and safe AI by centering patient and caregiver voices, social determinants of health, fairness, digital inclusion, and transparent evaluation.

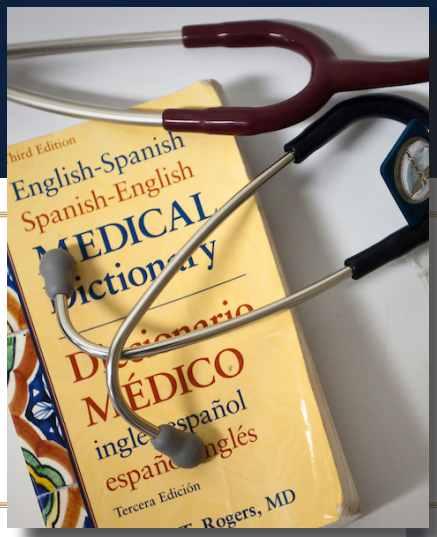
Partnerships with Notre Dame's Eck Institute for Global Health, Strathmore University in Kenya, and community and governmental stakeholders, are working to address challenges in digital health literacy, childhood infectious diseases, and healthcare access in underserved settings, with ongoing epidemiologic and ecological analyses of diarrheal diseases among children under five in Kenya.

The collaborations aim to generate actionable evidence for public health decision-making while promoting access to health information and care among vulnerable populations disproportionately affected by barriers related to care, sanitation, and nutrition.

In June 2026, **C-GALL** became the primary data analytics partner for the 2026 Regional Community Health Needs Assessment (CHNA), a federally-mandated effort spanning a three-county region in northern Indiana and involving major healthcare, public health, and community organizations. C-GALL leads the integration and analysis of hospital utilization data, community health survey results, and social determinants of health indicators to identify geographic disparities, assess community needs, and support evidence-based health improvement planning for hundreds of thousands of residents across the region.

Event Spotlight: Health AI Forum

The Health AI Forum, held within the RISE AI Conference, hosted attendees from 27 companies to discuss topics in rural health. Presentations explored opportunities in AI while sessions highlighted innovations from leaders at the Mayo Clinic, Johnson & Johnson, and Surescripts, fostering dialogue on data-driven solutions in healthcare.



EmpowerHER: Digital Breast Cancer Prevention and Health Literacy Among Latina Women

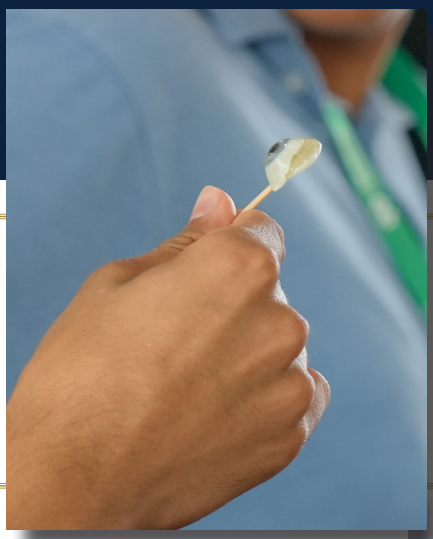
EmpowerHER is a community-centered initiative led by **Angélica García Martínez** that strengthens breast cancer prevention, health literacy, and early detection among Latina women through education, digital tools, and culturally adapted communication. With website support from iTREDS Cohort 5 students **Marcelo Guzman Aguirre** 26', **Dina Hanna** 26', and **Judy Lee** 26', the initiative combines community engagement and digital health tools to improve access to preventive health information while ensuring AI-supported interventions remain culturally responsive and accessible.

Additional EmpowerHER applications have expanded to Medellin, Colombia, in collaboration with Josefina Echavarria Alvarez (Kroc Institute for International Peace Studies), the Keough School of Global Affairs, and the Health Ministry of Medellin. As part of the "Estilos de Vida Saludable" program, EmpowerHER promotes responsible, equitable access for underserved populations, including rural and indigenous groups living in conflict areas, while empowering women.

R.I.S.E.

Translating AI for Science & Society

Researchers at the Institute use AI to bridge social divides and advance scientific discovery by empowering citizens, policymakers, and scholars with tools to address complex societal challenges and promote a more democratic, peaceful, and inclusive future.



Led by Tengfei Luo, Meng Jiang (College of Engineering), and **Sobin Alosious**, postdoctoral researcher at the Institute, the **AI & Materials Initiative** develops AI tools to accelerate materials discovery. During FY25/26, the team advanced ADEPT and PolyGraphMT to screen thousands of polymers for thermal energy storage and heat management, while its integrated discovery platform generated tens of millions of property predictions. Together, these tools speed up the development of next-generation materials for energy-efficient technologies.

The **AI Trust and Reliability Lab (AITAR)** expanded partnerships across academia, industry, and government during FY25/26 through research, conferences, workshops, and funding proposals focused on AI security, privacy, digital authenticity, and responsible decision-making. **Spencer Giddens**, AITAR postdoctoral researcher, advanced work in privacy-preserving generative modeling and synthetic data. The Lab also hosted Urszula Soler (Warsaw University of Life Sciences), launching collaboration on human–machine teaming for AI and biometric security. A key achievement was developing differential privacy methods for generative models that produce realistic synthetic facial images, advancing privacy-protected and responsibly deployable biometric AI.

During FY25/26, the **Data Inference Analytics and Learning (DIAL) Lab,** led by **Nitesh Chawla,** began developing the RISE AI Platform, with support from postdoctoral researchers **Ting Hua**, **Yessica Herrera Guzman**, **Shifu Hou**, and **Deng Pan** and graduate students **Jonathan Karr Jr.**, **Grigorii Khvatskii**, Georgia Li, and **Anna Sokol**. The platform evaluates AI trustworthiness across four criteria—responsible, inclusive, safe, and empowering—linking standardized metrics to supporting evidence.

The DIAL Lab also partnered with the Fédération Internationale de l'Automobile (FIA) to address online abuse in sports through data science, policy research, and digital literacy. The project was selected for a Fall 2026 NBC *"What Would You Fight For?"* video.



University of Notre Dame and IBM Research build BenchmarkCards framework

The *BenchmarkCards* framework, a collection of datasets, benchmarks, and mitigations that serves as a guide for developers to build safe and transparent AI systems, was recently incorporated into IBM's Risk Atlas Nexus, the company's open-source AI toolkit for governance of foundation models. It is designed with a standardized documentation system that records essential benchmark metadata, including factual accuracy and bias detection.

This enables researchers and developers to make more informed decisions about which benchmarks best suit their specific needs for AI system design — a recognized need in the AI community that was identified during a user study of BenchmarkCards. The project is led by **Nuno Moniz**, Michael Hind (IBM Research), and Elizabeth Daly (IBM Research Dublin, Ireland), with **Anna Sokol**, (Lucy Graduate Scholar), and Inge Vejsbjerg (IBM Research Dublin, Ireland).

R.I.S.E.



> By restoring user data agency, ensuring safe digital experiences for vulnerable global populations, auditing algorithmic disparities in the gig economy, and pioneering sustainable hardware, we ensure the next generation of smart technology is fundamentally human-centered, empowering, and equitable.

-TOBY LI
DIRECTOR, HUMAN-CENTERED RESPONSIBLE AI (HRAI) LAB,
LUCY FAMILY INSTITUTE FOR DATA & SOCIETY
ASSISTANT PROFESSOR,
COMPUTER SCIENCE AND ENGINEERING

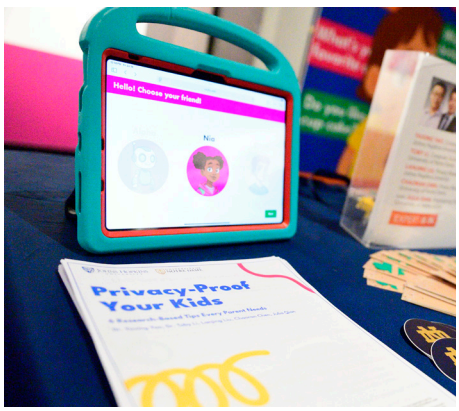


During FY25/26, the **Foundation Models and Applications Lab (FMAL)** expanded its research and collaborative network through publications, grant proposals, workshops, workforce development, and open-source tools, including the torch-molecule framework for molecular machine learning. The Lab also supported AI workforce development through the Bootcamp for Data Chemistry and interdisciplinary student research. FMAL advanced trustworthy foundation and agentic AI through TrustGen, a benchmarking platform for evaluating large language, vision-language, and text-to-image models, alongside research on AI governance, deceptive AI behavior, evaluation reliability, and responsible deployment. Additional work advanced foundation models for reaction prediction, chemistry reasoning, physiological modeling, and AI-enabled social simulation.

The **Human-Centered Responsible AI (HRAI) Lab** expanded research in human-AI collaboration, digital labor, privacy and security, global technology ethics, and sustainable computing through collaborations across Notre Dame and with national and international partners. NSF-funded work examined AI inequality in the gig economy, while the CLEAR initiative advanced LLM-enabled privacy and consent systems. The Lab also contributed to global digital safety through the RISE AI Working Group and advanced human-AI teaming and evaluation frameworks with IBM Research. Research appeared in leading venues including CHI, CSCW, UIST, and AOM, with several papers receiving major awards. HRAI also contributed to MultEval and EvalAgent, advancing standards for LLM evaluation and responsible AI.

Event Spotlight:
Privacy, Security, and Safety in Digital Space

At the National Museum of Natural History in Washington, D.C., the HRAI Lab and Johns Hopkins University demoed a tool to provide online privacy education to childre. This tool is part of an NSF-funded project to transform how users and developers understand and engage with privacy.



Benchmarking Large Language Models on Safety Issues in Scientific Labs

A significant contribution to the study of trustworthy AI in scientific laboratory settings, researchers within FMAL and DIAL collaborated to develop *LabSafety Bench*, a comprehensive benchmark for evaluating AI systems on laboratory safety tasks, and demonstrated that current state-of-the-art models remain far from the reliability required for safe deployment in real-world laboratory environments. The research received broad attention from both the scientific community and the public, including coverage by New Scientist and Science News following its online publication. The work has helped advance discussions on AI safety evaluation and the responsible deployment of foundation models in scientific research environments.

R.I.S.E.


DATA,
ART, AND
SOCIETY

By the Numbers



Over
200
Academia & Industry Collaborations

Faculty Collaboration
42%
Growth



Lucy & Lucy-Affiliated
966
Publications in FY25/26



Submitted
153
Proposals

- Value of **$161.5M** in submitted proposals
- **42%** of proposals had 2+ Lucy Institute personnel

Awarded Proposal
$17.4M
Value

- **45** awards received
- **50%** of awards had 2+ Lucy Institute personnel



Over
250
Attendees to Hosted Lectures

Events
12
On Campus

iTREDS Scholars
131
All Cohorts

Graduate Scholars
39
All Cohorts

Students from more than
15
Academic Programs

- **560** High school students connected to Lucy Institute projects
- **49** Undergraduate students engaged in Lucy Institute projects

Website Sessions
88K
During FY25/26

Donor
$1.5M
Gifts in FY25/26

Founding Director's Impact

Over
100K
Citations

- Over **30** invited talks
- **10** Countries
- **8** States

Accelerating Industry

With the support of University partners, the Institute builds bridges with local banking and manufacturing companies to develop AI solutions that accelerate industry success and enhance the quality of living in our communities.

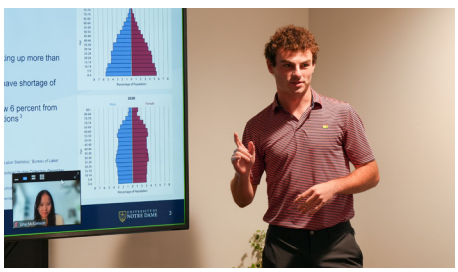
Since its creation in 2019 through a Lilly Endowment Inc. grant to support the region's Labs for Industry Futures and Transformation (LIFT) Network, the **Applied Analytics & Emerging Technology Lab (AETL)** has focused on meeting South Bend–Elkhart regional industry where they are, while driving internal transformation through advanced analytics, applied methods, and talent development in collaboration with iNDustry Labs.

With the conclusion of the LIFT grant at the end of FY25/26, AETL has cumulatively partnered with over 25 companies across approximately 35 projects, deploying more than 5 new tools and enabling roughly 3 new strategic capabilities across industry collaborators, including Southwire, ITAMCO, Tire Rack, Thor Industries, and regional financial institutions such as 1st Source Bank and Lake City Bank.

These efforts delivered applied AI and analytics solutions spanning manufacturing, supply chain optimization, predictive maintenance, and operational decision support, resulting in measurable efficiency gains and new data-driven strategies.

During FY25/26 AETL also supported research across the University, collaborating with over 15 schools, colleges, and departments, contributing to approximately 20 individual research projects, and launching roughly 12 web and mobile platforms across campus.

Additionally, AETL expanded its role in experiential learning and student development through the Lucy Family Institute ecosystem, supporting approximately 7 Lucy programs, mentoring over 100 students, co-locating and mentoring 2 RAISEuP fellows, and sourcing, cleaning, and hosting more than 4 datasets for student use. These efforts expanded hands-on learning opportunities in applied AI and data science while building sustained pathways between students, faculty, and industry partners.





Mobile Battery Monitoring for Tire Rack

The AETL partnered with Tire Rack to develop an Android application that monitors the health and performance of Bluetooth-enabled deep-cycle batteries powering the company's mobile electric tire service vans.

Overcoming the challenge of undocumented battery interfaces, the team created a reliable system to collect data from multiple batteries simultaneously and securely transmit battery health information to the cloud. The application enables proactive fleet monitoring and maintenance, helping technicians reduce downtime, increase service reliability, and improve the speed and quality of customer service.

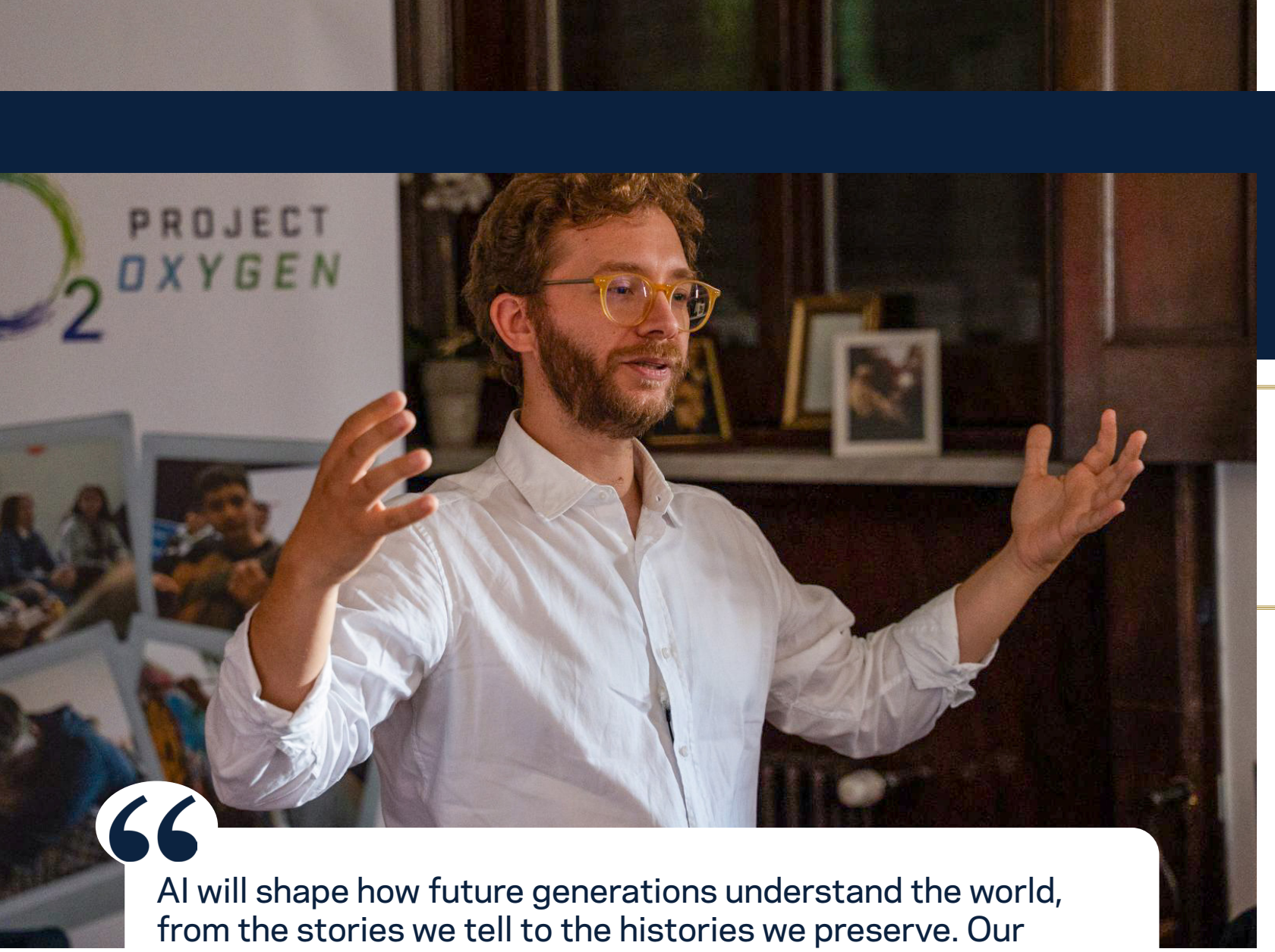
The project also established a foundation for future telemetry and mobile application development through subsequent industry collaborations.

R.I.S.E.



> Our primary goal at AETL is to serve as the application arm of the Institute, working to deliver on short-run and long-pass opportunities for the local region, while inspiring use-oriented research in academia. We did this and we went further.

-RICK JOHNSON
MANAGING DIRECTOR OF THE APPLIED ANALYTICS AND EMERGING TECHNOLOGY LAB (AETL)
ASSOCIATE PROFESSOR OF THE PRACTICE, LUCY FAMILY INSTITUTE FOR DATA & SOCIETY



> AI will shape how future generations understand the world, from the stories we tell to the histories we preserve. Our responsibility is to ensure that these technologies are developed and used in ways that empower people, strengthen communities, and support a more connected and peaceful future.

-NUNO MONIZ,
ASSOCIATE DIRECTOR,
DATA, INFERENCE, ANALYTICS, AND LEARNING (DIAL) LAB
ASSOCIATE RESEARCH PROFESSOR,
LUCY FAMILY INSTITUTE FOR DATA & SOCIETY

Addressing Global Barriers



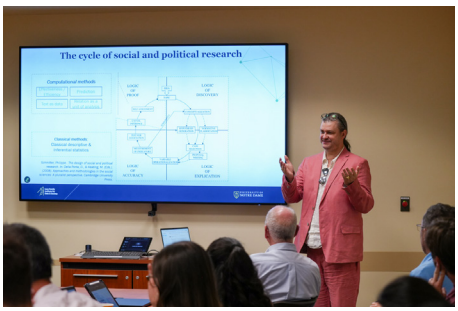
The Institute co-innovates with University and international partners to advance healthcare and nutrition access, improve health outcomes, and downscale poverty by developing novel AI platforms, cooperative health applications, and educational training programs to address the needs of global communities.

During FY25/26, the AI/ML for Peace and Conflict Research DAC Working Group, led by Josefina Echavarria Alvarez (Kroc Institute for International Peace Studies) and **Matthew Hauenstein**, began developing an interdisciplinary research program applying AI and machine learning to conflict prevention and sustainable peace. In alignment with the RISE AI principles, the group emphasizes co-creating responsible AI tools with peacebuilding practitioners. The group assessed Notre Dame's strengths and gaps in AI for peace research and submitted strategic recommendations to the Data, AI, and Computing (DAC) Initiative and University leadership, building on related Kroc Institute research using remote sensing to measure political violence.

The AI-based Modeling of Democratic Development and Decline (AIM-3D) project launched in Fall 2025 under Michael Coppedge (Kellogg Institute), **Dmitry Zaytsev**, John Behrens (College of Arts and Letters, Technology and Digital Studies Program), **Rick Johnson**, and **Valentina Kuskova**. The interdisciplinary team is developing the AIM-3D Hub, an AI-powered platform for modeling and forecasting democratic and autocratic change across nations.

The team hosted nine seminars during FY25/26, presented research at four national conferences, and began planning the October 2026 International Conference on AI-Driven Modeling and Forecasting for Democratic Development and Decline (AIM4D).

During FY25/26, **Emma Briant** advanced research on how AI and digital technologies shape democracy, governance, and trust, collaborating with Walter Scheirer (College of Engineering), Tim Weninger (College of Engineering), Paul Brenner (DAC Initiative), Lisa Schirch (Keough School of Global Affairs), Joel Day (Democracy Initiative), and others. Additionally, Briant and Scheirer are working on an examination of AI deployment in national security and its implications for accountability and human rights.



Event Spotlights:

The AI & History Symposium

Organized by **Nuno Moniz**, the Keough School of Global Affairs, and the Kellogg Institute for International Studies, the June 2026 "AI & History Symposium" brought together 15 historians, AI experts, and interdisciplinary scholars to examine how emerging technologies are transforming historical research and practice. The symposium advanced Moniz's research on how large language models can reshape understandings of the past, shared through media engagements and policy briefs during FY25/26.

Integrating Remote Sensing and Critical Social Science Perspectives to Identify Drivers of Environmental Peace and Conflict in Colombia

The AI/ML for Peace and Conflict Research DAC Working Group hosted McKenzie Johnson who presented her NASA-funded research which combines remote sensing and critical social science to examine environmental drivers of peace and conflict.

KidsKonnect Ukraine: Project Oxygen

During Spring 2026, **Nuno Moniz** joined Project Oxygen (O2) in Rome, where he led a workshop for teens from conflict-affected regions to explore the possibilities, challenges, and societal impacts of AI.

Education & training for Social good

The Institute's educational initiatives prepare students and educators to pivot into careers in data-driven and AI fields. The programs offer experiential training in ethical, socially responsible, and engaged use of data and AI technology.

In FY25/26, the **#GOALS Program Evaluation** reached 331 students across Baltimore and Nashville, with over 300 survey responses and 147 participants engaging through interactive digital platforms. Students showed measurable gains in mindset and aspiration, including increased confidence in healthcare careers and stronger STEM identity, with effect sizes reaching +0.52 in science interest and +0.33 in healthcare identity. These results, presented at the ASEE Annual Conference (2025, 2026) and ICEIT 2026, underscore the importance of early experiential engagement in shaping long-term trajectories.

Now in its seventh year, the **Interdisciplinary Training and Research in Ethical Data Science (iTREDS) Scholars Program** prepares students for socially responsible careers in data science through research, internships, and interdisciplinary capstones. In FY25/26, scholars served as Teaching Fellows for the Responsible and Ethical AI course. Scholars supported high school and early college learners while developing leadership, communication, and teaching skills. Since its launch, iTREDS has enrolled over 130 students, with a consistent 72% female representation, reflecting sustained interest in mission-driven data science pathways.

The **Research, Analytics, Data Innovation, and New Technologies (RADIANT) Leadership Seminar**, led by **Sugana Chawla** and **Valentina Kuskova** through the Office of Pre-College Programs, introduces high school students in the Notre Dame Leadership Seminars to artificial intelligence and data science through a competitive 10-day immersive experience. The program focuses on foundational skills in data science, machine learning, and ethical AI, combining workshops, applied case studies, and mentorship from undergraduate iTREDS scholars.

During the summer of 2025, 20 students participated in RADIANT. A key feature of the program is its industry and research immersion day, where students engage with Notre Dame faculty and regional partners to explore real-world applications of AI. Site visits included Aunalytics, the Union Station Data Center (Center for Research Computing), Orthos, and a multidisciplinary session at the Studebaker Museum featuring industry and research perspectives on AI deployment, data infrastructure, and ethics. For the summer of 2026, over 85% of incoming students who applied to the Undergraduate Leadership Seminars were RADIANT applicants — the highest of any course in the Leadership Seminars.



Journal for Data and Societal Endeavors (JDSE)

The Journal of Data and Societal Endeavors (JDSE) is a platform for disseminating Notre Dame undergraduate and graduate student research. Specifically, the JDSE presents ongoing data science research that promotes societal growth and wellbeing. During FY25/26, Lucy Graduate Scholars **Bingxue An, Nandini Banerjee**, **Sanchita Chakraborty**, **Adnan Hoq** and **Jonathan Karr Jr**. supported the JDSE.

The first of the journal is expected to be released in Fall 2026.

R.I.S.E.





During this fiscal year, the **Lucy Graduate Scholars** advanced the program's mission through collaborative educational workshops and cross-campus research engagements. **Yilin Li**, 2024-2026 Lucy Graduate Scholar, collaborated with the Kaneb Center for Teaching Excellence to organize data science workshops for high school students and mentor training events. **Mihir Surve**, 2024-2026 Lucy Graduate Scholar and **Sanchita Chakraborty**, 2025-2027 Lucy Graduate Scholar, also organized an interdisciplinary discussion, "*Mathematicians are deploying algorithms to stop gerrymandering.*"

In the summer of 2025, the Institute hosted the **Lucy Summer Internship Program**, welcoming 11 students from Notre Dame, Holy Cross, Saint Mary's, Ashoka University, and the Indian Institute of Management Bodh Gaya (IIM-BG). They worked on health transparency, industry optimization and the #GOALS program evaluation.

In summer 2026, the Institute supported 22 interns just before the end of FY25/26. Interns contributed to projects within the themes of gamified mental health, the arts, the RISE AI platform, and industry optimization while embedded within industry and academic settings.

Event Spotlight:
Health Data & Analytics Challenge (HDAC)

Co-hosted by the Lucy Family Institute and the Berthiaume Institute for Precision Health and supported by the Bioengineering & Life Sciences Initiative, HDAC 2025 engaged over 50 undergraduate students across diverse majors. Nine teams analyzed datasets on malaria, vector-borne diseases, environmental health, and IQVIA opioid prescriptions, with mentorship from Notre Dame graduate students including Lucy Graduate Scholars **Siavash Ghobany, Fabian Maldonado**, and **Austin Wyman**. In February 2026, teams presented their findings to academic and industry judges, demonstrating applied data science skills for health impact.







> From a student's first spark of curiosity in middle school to research, leadership, and workforce readiness, the Lucy Family Institute is building pathways that turn possibility into purpose. We are preparing the next generation not simply to adapt to a changing world, but to shape it for the common good.

-SUGANA CHAWLA
ASSOCIATE PROFESSOR OF THE PRACTICE
DATA SCIENCE EDUCATION PROGRAM DIRECTOR



The Lucy Family Institute has been instrumental in my development as a research scholar by providing a dynamic, interdisciplinary environment that broadens my perspective and enhances my skills. Through its events, workshops, and collaborations, I have been exposed to experts from diverse fields, gaining insights into research areas I hadn't previously considered relevant to my work.

-ADNAN HOQ
2024-2026 LUCY GRADUATE SCHOLAR

The RISE AI Conference

In October 2025, the Lucy Family Institute for Data & Society hosted the inaugural **RISE AI Conference** at the University of Notre Dame, bringing together leaders from industry, academia, government and not-for-profit organizations to address the transformative impact of artificial intelligence.

Centered on the principles of responsibility, inclusion, safety, and empowering (RISE), the conference featured sessions including *The Impact of AI in Latin America*, *Human-Centered Responsible AI*, *Foundation Models: AI for Science Advances*, *Reimagining Global Governance and Policymaking*, and *AI for Nonprofits and Governments*. Additionally, it highlighted the role of AI in advancing scientific discovery, informing public policy, supporting communities, and promoting ethical, trustworthy, and human-centered innovation.

Building on this momentum, the **RISE AI Latin America Summit** will take place in Santiago, Chile during October 2026.

Conference Reach

Keynote
12
Speakers

Industries
55
Represented

Over
15
Countries

More than
300
Participants

Abstract
388
Submissions

Attendees
from
38
Universities




Welcome to the
R.I.S.E. AI Conference
October 6-8, 2025






Welcome to the
R.I.S.E. AI Conference
Closing Awards & Dinner




THE
R.I.S.E. AI
CONFERENCE

Who we Are

Core Team:

- **Ahmed Abbasi,** Director, Lucy Family Institute for Data & Society; Deputy Director, Data, AI & Computing Initiative; The Joe and Jane Giovanini Professor of IT, Analytics, and Operations
- **Nitesh Chawla**, Founding Director, Lucy Family Institute for Data & Society; Frank M. Freimann Professor of Computer Science and Engineering
- **Martha Aikiriza**, Lucy Institute Coordinator
- **Jasmine Botello**, Executive Assistant
- **Emma L. Briant**, Visiting Associate Professor
- **Jay Brockman**, Co-Director, C-GALL & Professor of the Practice, Computer Science and Engineering
- **Sugana Chawla**, Associate Professor of the Practice & Data Science Education Program Director
- **Adam Czajka**, Associate Professor, Computer Science and Engineering and Director, AITAR Lab
- **Brian Fogarty**, Associate Professor of the Practice
- **Angélica García Martínez**, Assistant Research Professor
- **Christine Grashorn**, Program Director, Engagement and Strategic Storytelling
- **Matthew Hauenstein**, Assistant Research Professor, C-GALL
- **Ting Hua**, Assistant Research Professor
- **Meng Jiang**, Frank M. Freimann Collegiate Professor of Computer Science and Engineering, Co-Director, FMAL
- **Rick Johnson**, Associate Professor of the Practice & Managing Director, AETL
- **Karan Kapoor**, Data Scientist, AETL
- **Michael Kennel**, Software Solutions Manager, AETL
- **Valentina Kuskova**, Professor of the Practice and Associate Director
- **Donovan Leiva**, Research Project Associate
- **Toby Jia-Jun Li**, Assistant Professor, Computer Science and Engineering and Director, HRAI Lab
- **Xueyun Li**, Research Associate, C-GALL
- **Fang Liu**, Director, HEAL and Notre Dame Collegiate Professor and Associate Chair, ACMS
- **Katie Liu**, Assistant Director of Research Programs
- **Alli Linhart**, Mobile App Development Specialist, AETL & C-GALL
- **Ramandeep Makhija**, Lead Data Scientist, AETL
- **Michele Martin**, Executive Director
- **Nuno Moniz**, Associate Research Professor, Associate Director, DIAL Lab
- **William 'Russ' Morris**, Software Engineer, AETL
- **Margaret Nichols**, Data Scientist, AETL
- **Matthew Sisk**, Director, C-GALL and Associate Professor of the Practice (GIS and Data Science)
- **Mary Wachira**, Research Fellow
- **Phillip Whelan**, Chief Data Officer in Residence, AETL
- **Keegan Wolohan**, Program Coordinator
- **Fanny Ye**, Associate Director of Applied Analytics; Galassi Family Collegiate Professor in Computer Science and Engineering
- **Jessica Young**, Senior Data Scientist, C-GALL and AETL
- **Dmitry Zaytsev**, Associate Professor of the Practice (SBE & Data Science)
- **Xiangliang (Lynn) Zhang**, Leonard C. Bettex Collegiate Professor of Computer Science, Computer Science and Engineering, Co-Director, FMAL

Lucy Administrative Student Workers:

- Julissa Montoya-Castañeda
- Isabella Uribe Rey
- Arlissa Lile
- Maria Jose Molina
- Gaby Castillo Bonifasi
- Rafael Martinez
- Kate Sticha










Lucy Family
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Data & Society




574.931.2151


EXIT
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Lucy Postdoctoral Researchers :

- **Sobin Alosious** | Aerospace and Mechanical Engineering, Computer Science and Engineering
  Advisors: Tengfei Luo, Dorini Family Professor for Energy Studies and Meng Jiang, Frank M. Freimann Collegiate Professor of Computer Science and Engineering
- **Si Chen** | Lucy Family Institute for Data & Society, Notre Dame Learning
  Advisors: Nitesh Chawla, Founding Director of the Lucy Family Institute for Data & Society and Ron Metoyer, Vice President and Associate Provost for Teaching and Learning and
  Professor, Computer Science and Engineering
- **Anindya Das Antar|** Lucy Family Institute for Data & Society
  Advisor: Toby Jia-Jun Li, Assistant Professor of Computer Science and Engineering, College of Engineering and Director of Human-Centered Responsible AI Lab
- **Spencer Giddens** | Lucy Family Institute for Data & Society
  Advisor: Adam Czajka, Director AI Trust and Reliability (AITAR) Lab & Associate Professor of Computer Science and Engineering
- **Yessica Herrera Guzman|** Lucy Family Institute for Data & Society
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- **Shifu Hou** | Lucy Family Institute for Data & Society
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- **Alexis Korotasz |** Lucy Family Institute for Data & Society
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- **Deng Pan** | Lucy Family Institute for Data & Society
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  Advisor: Fang Liu, Director, HEAL; Notre Dame Collegiate Professor and Associate Chair, ACMS
- **Qinghua Zhao** | Biological Sciences
  Advisor: Jason Rohr, Ludmilla F., Stephen J., and Robert T. Galla College Professor; Biological Sciences Department Chair

Lucy Graduate Scholars:

- **Paul U.C. Amagada** | Chemical and Biomolecular Engineering
- **Bingxue An** | Applied and Computational Mathematics and Statistics
- **Jingjie Cao** | Sustainable Development
- **Sanchita Chakraborty** | Applied and Computational Mathematics
- **Isabella Gimon** | Integrated Biomedical Sciences program
- **Jerrick Gerald** | Computer Science and Engineering
- **Julie Hawke** | Peace Studies and Sociology
- **Adnan Hoq** | Computer Science and Engineering
- **Jonathan Karr Jr.** | Computer Science and Engineering
- **Grigorii Khvatskii** |Computer Science and Engineering
- **Natalie Kotlin** | Biochemistry
- **Saehwan Lee** | Sociology
- **Yilin Li** | Psychology
- **Xinyue Liu** | Anthropology
- **Fabian Diaz Maldonado** | Sociology
- **Mihir Surve** | Chemistry
- **Austin Wyman** | Psychology
- **Jiahao Zheng** | Computer Science and Engineering

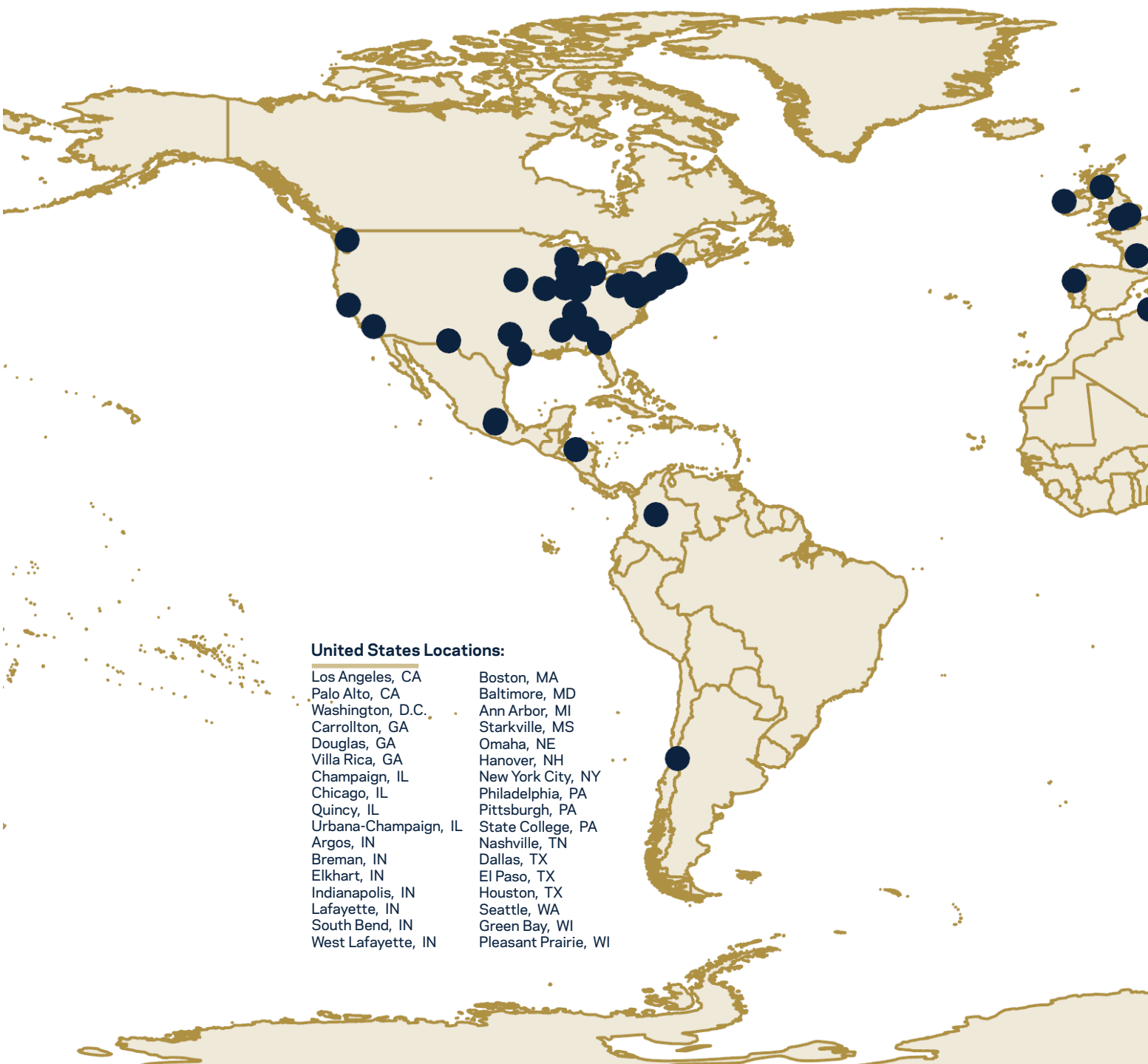
Advisory Committee:

- **Nitesh Chawla,** Chair
- **Corey Angst**, IT, Analytics, and Operations
- **Jasmine Botello**, Lucy Family Institute for Data and Society
- **David Campbell**, Political Science
- **Valentina Kuskova**, Lucy Family Institute for Data and Society
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- **Fang Liu**, Applied and Computational Mathematics and Statistics
- **Michele Martin**, Lucy Family Institute for Data and Society
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- **Rahul Oka**, Anthropology
- **Jason Rohr**, Biological Science
- **James Sullivan**, Economics
- **Meghan Sullivan**, Philosophy
- **Krupali Uplekar Krusche**, Architecture
- **Tim Weninger**, Computer Science and Engineering
- **Olaf Wiest**, Chemistry and Biochemistry
- **Xiangliang (Lynn) Zhang**, Computer Science and Engineering

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- **Karla Badillo-Urquiola**, Computer Science and Engineering
- **John Behrens**, Technology and Digital Studies
- **Heidi Beidinger-Burnett**, Eck Institute for Global Health
- **Nicholas Berente**, IT, Analytics, and Operations
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- **Diogo Bolster**, Civil & Environmental Engineering and Earth Sciences
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- **Michael Ferdig**, Biological Sciences
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- **Mark Fox**, IU School of Medicine-South Bend
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- **Thomas Fuja**, Electrical Engineering
- **Lee Gettler**, Anthropology
- **Monisha Ghosh**, Electrical Engineering
- **Chloe Gibbs**, Economics
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- **Vijay Gupta**, Electrical Engineering
- **David Hachen**, Sociology
- **Matthew Hall**, Political Science
- **Yuefeng Han**, Applied and Computational Mathematics and Statistics
- **Jeffrey Harden**, Political Science
- **Jonathan Hauenstein**, Applied and Computational Mathematics and Statistics
- **Michael Hildreth**, Physics
- **Mengxue Hou**, Electrical Engineering
- **Don Howard**, Philosophy
- **Sonia Howell**, Notre Dame Learning
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- **Madhav Joshi**, Kroc Institute for International Peace Studies, Keough School for Global Affairs
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- **Yong Suk Lee**, Keough School of Global Affairs
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- **Megan Levis**, Center for Social Concerns, College of Engineering
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- **Marya Lieberman**, Chemistry and Biochemistry
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- **Tijana Milenkovic**, Computer Science and Engineering
- **Daniel Miller**, Keough School of Global Affairs
- **Bharat Mishra**, Biological Sciences
- **Brittany Morgan**, Chemistry and Biochemistry
- **Michael Morris**, McKenna Center for Human Development and Global Business
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- **Sarah Mustillo**, College of Arts and Letters
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- **Frederick Nwanganga**, IT, Analytics, and Operations
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- **John Onyango**, Architecture
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- **Thomas O'Sullivan**, Electrical Engineering
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- **Paul Perrin**, Keough School of Global Affairs
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- **Margaret Pfeil**, Theology
- **Michael Pfrender**, Biological Sciences
- **Emilia Powell**, Political Science, The Law School
- **Stephen Ponisciak**, Institute for Educational Initiatives
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- **David Rimes**, Office of Academic Mission Support
- **María Estela Rivero Fuentes**, Pulte Institute for Global Development
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- **Sriram Somanchi**, IT, Analytics, and Operations
- **Yoonseock Son**, IT, Analytics, and Operations
- **Thomas Stapleford**, Program of Liberal Studies
- **Meghan Sullivan**, Philosophy
- **Christopher Sweet**, Center for Research Computing
- **Daniel Tadmon**, Sociology
- **Tiffany Tang**, Applied and Computational Mathematics and Statistics
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- **Chaoli Wang**, Computer Science and Engineering
- **Jian-Xun Wang**, Aerospace and Mechanical Engineering
- **Tim Weninger**, Computer Science and Engineering
- **Olaf Wiest**, Chemistry and Biochemistry
- **Paul Winters**, Keough School of Global Affairs
- **Jim Wittendorf**, iNDustry Labs
- **Elizabeth Wood**, Eck Institute for Global Health
- **Danielle Wood**, Environmental Change Initiative
- **Roger Woodard**, Applied and Computational Mathematics and Statistics
- **Victoria Woodard**, Applied and Computational Mathematics and Statistics
- **Kaitlin Wowak**, IT, Analytics, and Operations
- **Yang Yang**, IT, Analytics, and Operations
- **Joonhyuk Yang**, Mendoza College of Business
- **Xiufan Yu**, Applied and Computational Mathematics and Statistics
- **Johnny Zhang**, Psychology
- **Zifeng Zhao**, IT, Analytics, and Operations
- **Zhi Zheng**, Electrical Engineering
- **Changbo Zhu**, Applied and Computational Mathematics and Statistics
- **Ying (Alison) Cheng**, Psychology

Where we Collaborate



United States Locations:

Los Angeles, CA
Palo Alto, CA
Washington, D.C.
Carrollton, GA
Douglas, GA
Villa Rica, GA
Champaign, IL
Chicago, IL
Quincy, IL
Urbana-Champaign, IL
Argos, IN
Breman, IN
Elkhart, IN
Indianapolis, IN
Lafayette, IN
South Bend, IN
West Lafayette, IN
Boston, MA
Baltimore, MD
Ann Arbor, MI
Starkville, MS
Omaha, NE
Hanover, NH
New York City, NY
Philadelphia, PA
Pittsburgh, PA
State College, PA
Nashville, TN
Dallas, TX
El Paso, TX
Houston, TX
Seattle, WA
Green Bay, WI
Pleasant Prairie, WI

Lucy Family Institute faculty and staff are actively engaged in projects that allow us to tackle national and global challenges in data, AI, and society with our partners around the world.

In FY 25/26, the Institute worked with teams from over 15 U.S. states and 20 countries, analyzing data, designing AI tools and building bridges of collaborative research that explore innovative solutions to society's vexing challenges.



International Locations:

Algers, Algeria
Sydney, Australia
Santiago, Chile
Shanghai, China
Macau, (SAR) China
Bogata, Colombia
Santo Domingo, Dominican Republic
El Salvador, Honduras
Mumbai, India
New Deli, India
Cuernavaca, Mexico
Mexico City, Mexico
Amsterdam, Netherlands
Groningen, Netherlands
Abuja, Nigeria
Warsaw, Poland
Wrocław, Poland
Porto, Portugal
Thuwal, Saudi Arabia
Kampala, Uganda
Glasgow, United Kingdom
London, United Kingdom
Southampton, United Kingdom
Lviv, Ukraine
Abu Dhabi, United Arab Emirates
Hanoi, Vietnam
Hochimin, Vietnam

Research Powered By



The Institute's diverse labs span the domains of responsible AI, geospatial analysis, health data, foundational models, human-centered design, industry acceleration, and social science.

The Applied Analytics and Emerging Technology Lab (AETL)
The AETL builds bridges with regional partners to develop AI solutions that accelerate industry success and enhance the quality of living in our communities.

The Artificial Intelligence Trust and Reliability (AITAR) Lab
The AITAR Lab advances interdisciplinary research to advance the trust and reliability of artificial intelligence (AI) when applied to systems involving humans and serving humans.

The Data, Inference, Analytics, and Learning (DIAL) Lab
The DIAL Lab focuses on a diverse set of problems in data science, machine learning, and network science, driven by the question of how technology can advance the common good.

The Foundation Models and Applications Lab (FMAL)
The FMAL develops intelligent AI collaborators designed to empower people, such as scientists, educators, and artists, in tackling the world's most pressing challenges.

The Civic-Geospatial Analysis & Learning Lab (C-GALL)
The C-GALL enables geospatial data science, assembling teams to radically collaborate for global problems with a
spatial component, like climate analysis, health and poverty.

The Health Data Exploration & Analytics Lab (HEAL)
The HEAL collaborates with researchers from academia, industry, and community partners to leverage diverse data sources to drive impactful health research, translational and implementation science, and policy solutions.

The Human-Centered Responsible Artificial Intelligence (HRAI) Lab
The HRAI Lab designs, develops, deploys, and studies interactive AI systems to enhance human-AI collaboration, augment human intelligence, and democratize access to AI empowerment technologies in a responsible way.

Our Partners

We extend our heartfelt gratitude to all of our partners for their unwavering support and collaboration. Together, we are accelerating responsible, inclusive, safe, and ethical data and AI that transforms society as a force for good.

Internal Partners:

University Schools & Colleges

College of Arts and Letters
College of Engineering
College of Science
Keough School of Global Affairs
Mendoza College of Business
School of Architecture
The Graduate School
The Law School

Centers, Institutes, Labs and Support Units

Berthiaume Institute for Precision Health
Center for Research Computing
Development Office
Eck Institute for Global Health
Environmental Change Initiative
Facilities Design and Operations
Global Center for the Development of the Whole Child
Hesburgh Women of Impact
iNDustry Labs
Institute for Educational Initiatives
Institute for Ethics and the Common Good
Institute for Social Concerns
Institutional Research, Innovation, & Strategy
Kellogg Institute for International Studies
Kroc Institute for International Peace Studies
Notre Dame Global
Notre Dame Learning
Notre Dame Research
Notre Dame-IBM Technology Ethics Lab
NSF Center for Computer-Assisted Synthesis
Office of Corporate and Foundation Relations
Office of Pre-College Programs
Office of Human Resources
Pulte Institute for Global Development
Ruth M. Hillebrand Center for Compassionate Care
The Division of Student Affairs
The IDEA Center
The President's Office
The Provost's Office
The Office of the Executive Vice President
University Counseling Center
University Operations, Events, and Safety
Wilson Sheehan Lab for Economic Opportunities

University Initiatives

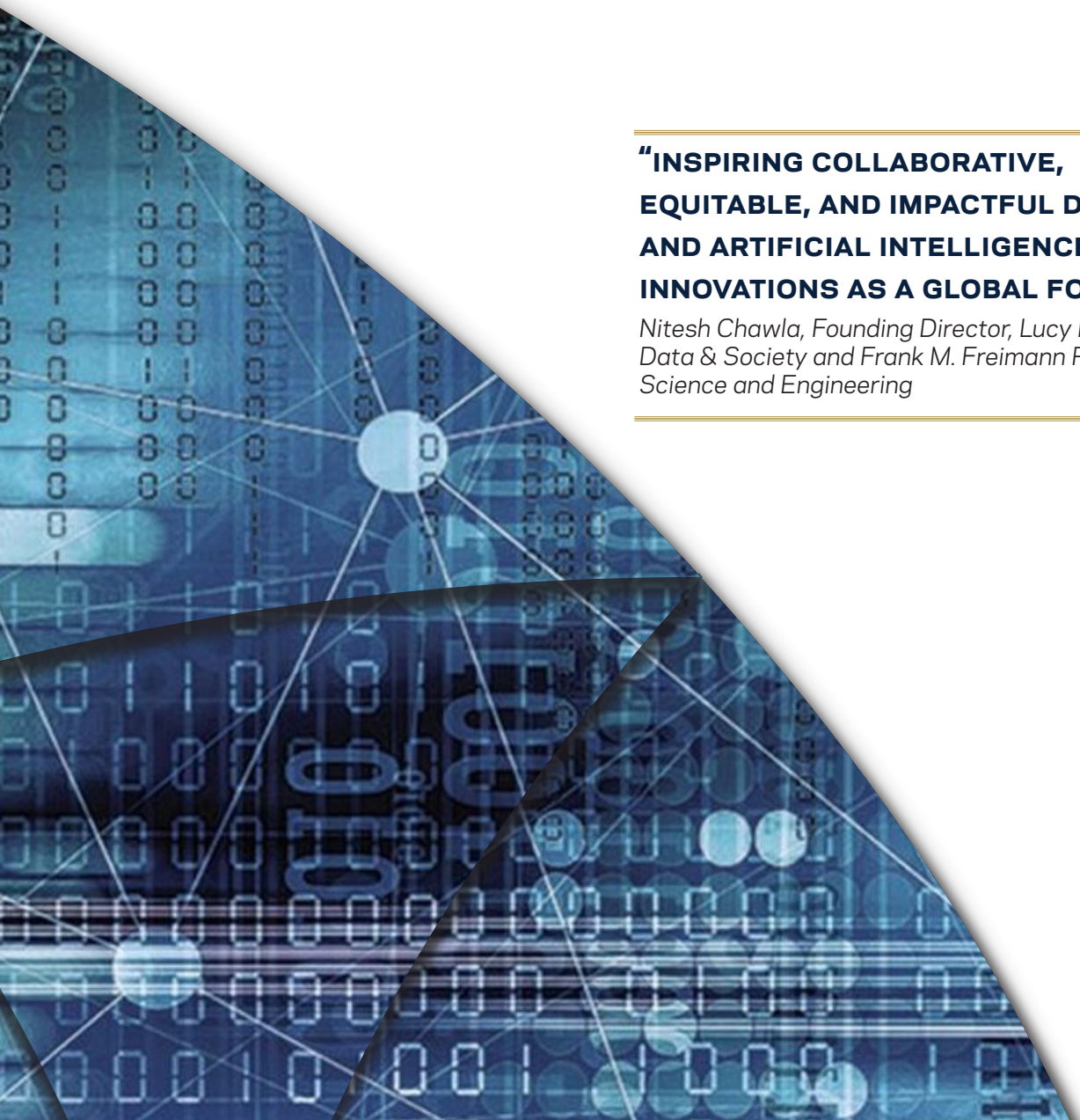
Notre Dame Arts Initiative
Notre Dame Athletics Together Irish Initiative
Notre Dame Bioengineering and Life Sciences (BELS) Initiative
Notre Dame Data, AI, and Computing Initiative
Notre Dame Democracy Initiative
Notre Dame Ethics Initiative
Notre Dame Health and Well-Being Initiative
Notre Dame Just Transformations to Sustainability Initiative
Notre Dame Poverty Initiative

External Partners:

1842 Fund/Alloy Partners
1st Source Bank
Accenture
AM General
Ascension Health
Ascension Foundation
AT&T
Barletta Boats
Boys & Girls Clubs
Crossroads United Way
Daman
Data Observatory
Elkhart County Juvenile Detention Alternatives Initiative
Elkhart Education Foundation
enFocus
IBM Research
Indiana Carton
ITAMCO
KC7 Foundation
Kem Krest
La Casa de Amistad
Lake City Bank
Mayo Clinic
Mastercard
The Michiana Health Improvement Alliance
Oaklawn Psychiatric Center
OneAmerica Financial
Salvation Army Central Territory
Salvation Army Kroc Centers
ShowHauler
Smoker Craft Inc.
Southwire
St. Joseph County River Basin Commission
TELLUS Inc.
The City of South Bend, Office of Sustainability
The SOURCE (Elkhart County)
The South Bend Near West Side Neighborhood
THOR Industries of Elkhart
Tire Rack
Troyer Group Architects
United Nations University - Macau
Web3Sense

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"INSPIRING COLLABORATIVE, EQUITABLE, AND IMPACTFUL DATA AND ARTIFICIAL INTELLIGENCE INNOVATIONS AS A GLOBAL FORCE FOR GOOD."

Nitesh Chawla, Founding Director, Lucy Family Institute for Data & Society and Frank M. Freimann Professor of Computer Science and Engineering

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