

THE POWER OF
PARTNERSHIPS

Every step we take, together.



The progress we've made,

TOGETHER.

Every day at the Weldon School, biomedical engineers come together to collaborate, innovate and fuel a revolution in the health industry.

But it's only through our partnerships with forward-thinking companies and institutions that we can translate our research findings into commercial applications.

For more than 30 years, we've been taking the small steps that lead to giant breakthroughs and discoveries, again and again and again. Our partnerships have enabled us to advance thinking and develop solutions in areas such as implantable cardiovascular devices, replacement tissues, drug delivery systems, image reconstruction, point-of-care diagnostics and wearable devices.

These discoveries have generated more than 100 U.S. patents and helped bring countless medical products to the marketplace, where every day they're creating new possibilities in the lives of millions of people.

Partnerships that help us

THRIVE

Through our connections to the Indiana and regional life science industries, we can operate as a hub through which innovation grows and flourishes. As a fundamental part of this chain, we help bring research to fruition through our partnerships — fast-tracking breakthroughs from the lab to the marketplace.

The partnerships we make, grow and foster are ongoing and long-lasting, with productive outcomes for all.

REGIONAL

Indiana University School of Medicine

A unique partnership with the **Indiana University School of Medicine** has positioned us as one of the most comprehensive and clinically oriented translational research enterprises in the world.

Riley Hospital for Children

A strong collaboration with a premier pediatrics hospital that allows for novel technologies to be applied to the unmet clinical needs of infants and children.

NATIONAL

Cook Medical

Through our nearly 50-year alliance with **Cook Medical** for research and design evaluation, we can rapidly bring an array of cardiovascular and related products to the market.

Eli Lilly

In the area of connected solutions, our major research partnership with **Eli Lilly and Company** is translating laboratory discoveries into lifesaving medical devices that deliver patient-specific therapy.

National Institute on Drug Abuse

Our unique research collaboration with **NIDA** is advancing an injectable treatment for opioid users that's affordable, longer lasting and patient friendly — offering new hope for those who suffer.

GLOBAL

Chong Kun Dang (CKD)

A decade-long international partnership targets novel drug-delivery systems and approaches that meet critical healthcare needs.

Moi University

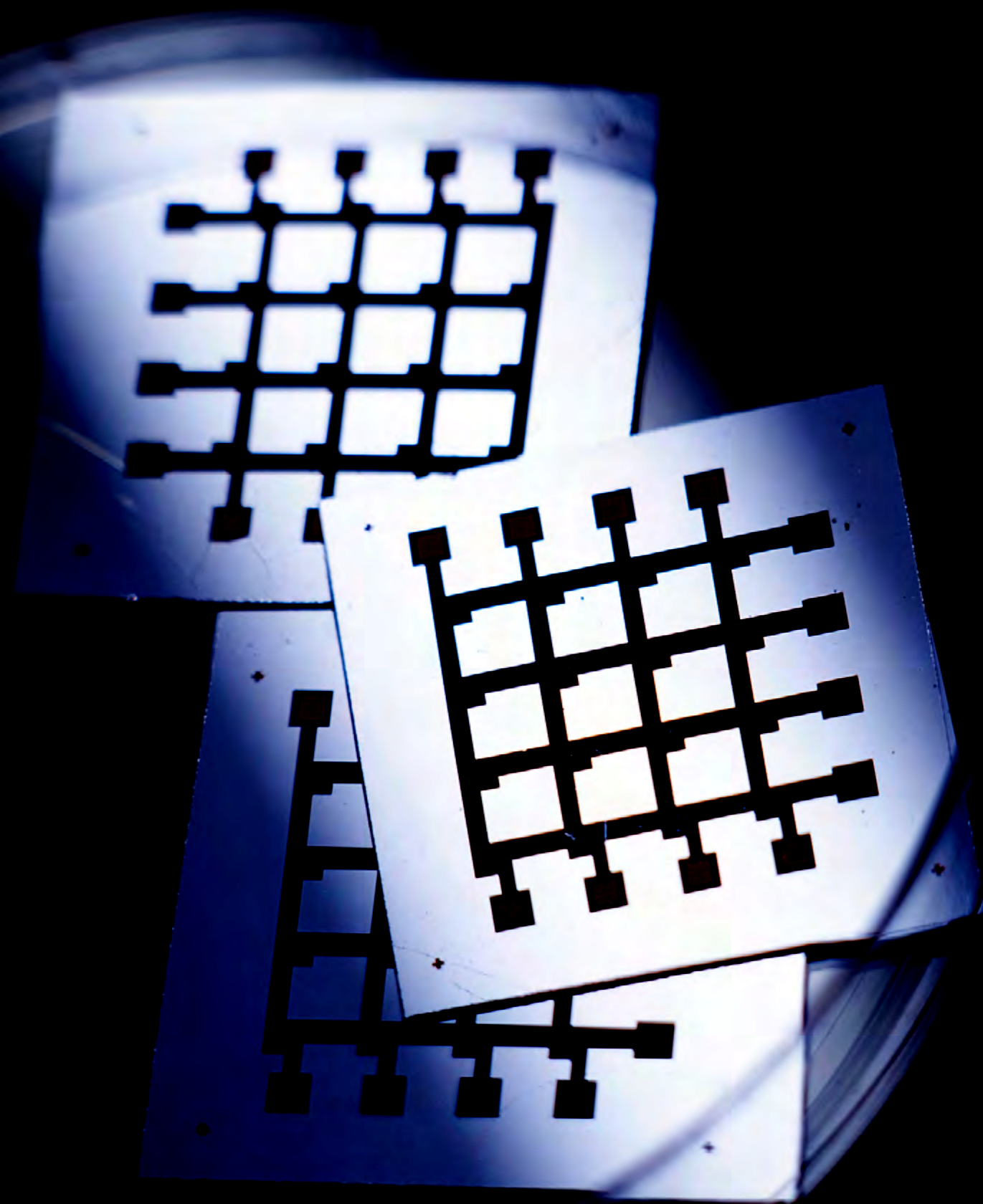
Participation in the Academic Model Providing Access to Healthcare (AMPATH) consortium which helps build holistic, sustainable health in Kenya and around the world.

PARTNERSHIPS

that expand our capabilities

Here at the Weldon School, we're connecting our insightful and experienced core faculty members — as well as 100 doctoral students, over 25 postdoctoral fellows and 15 full-time research staff — to experts who are best in their field. Our depth and breadth of expertise is growing every day, and new team members are continually added to expand our research prowess.

Our strategic location on the Lafayette campus gives us easy access to researchers in veterinary medicine, nanotechnology, entrepreneurship and life sciences. This incredible network of cross-collaborations allows us to share knowledge, push ideas further and explore in new directions, unencumbered by the borders between disciplines. It's an environment that provides the perfect opportunity for new companies to build on our successes, and to establish lifetime partnerships with the next generation of advanced research.



PARTNERSHIPS

that put solutions into action

We are persistent in our commitment to addressing the world's problems, delving beyond medicine to invent solutions rapidly.

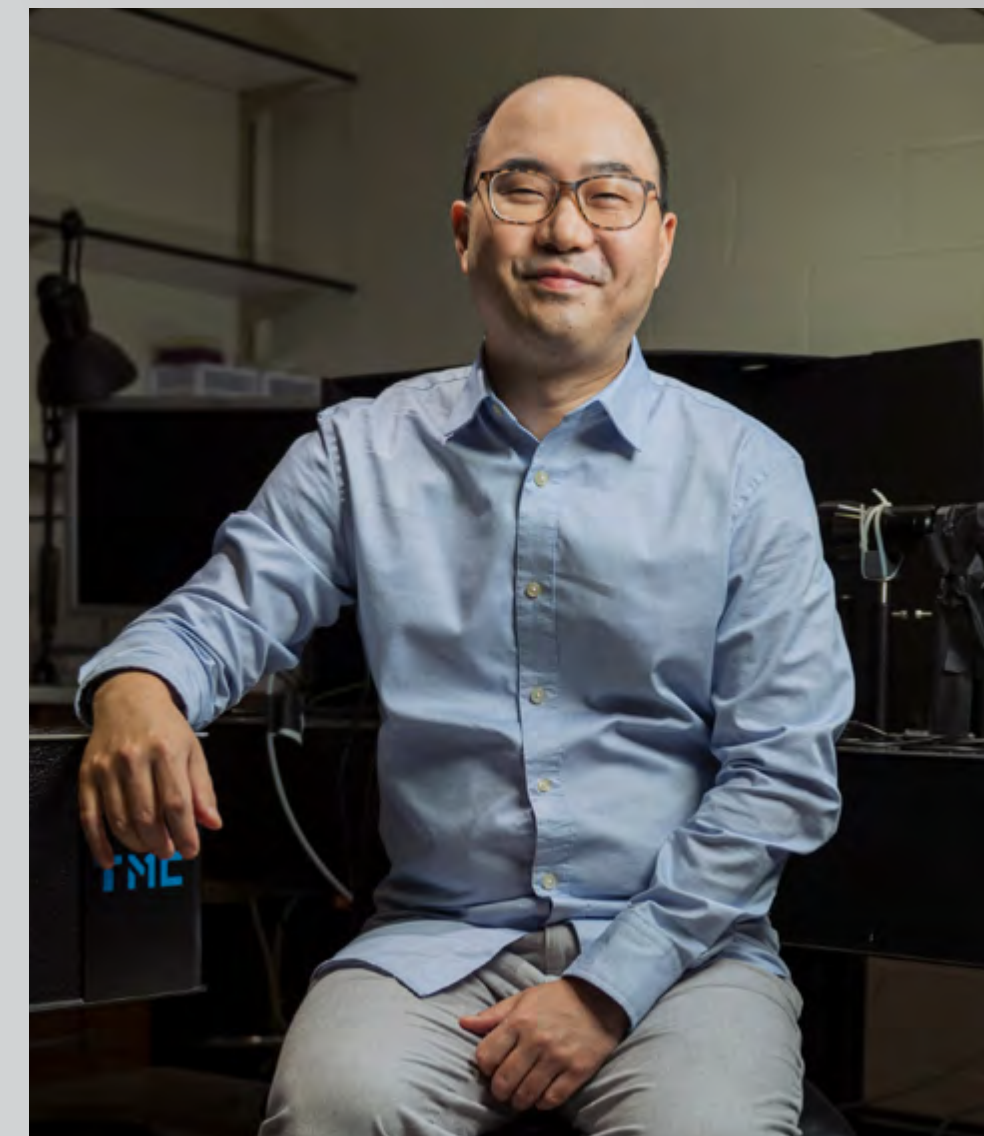
We believe in a straightforward approach to research: transforming that research into products, and putting those products into the hands of those who will solve new problems, enhance patient care and build a better future.

Our approach is unlike the traditional academic partnership:

- Reduced start time, from months to just days, through our fast-track arrangements.
- Endless adaptability to fit the needs of healthcare with our integrated partnership models.
- Smarter intellectual property agreements that benefit all partners.

We are committed to finding the right fit for every arrangement and building strong partnerships — regardless of company or project size.

Our impact can only grow with the collective strength of our dynamic environment. Together, we're always working toward the next giant leap in healthcare.



Partnerships with space to

WORK AND GROW

It all comes together here, in our world-class facility for biomedical engineering research and education. With over 120,000 square feet of state-of-the-art research and instructional spaces, including advanced biological laboratories with device and instrument design and rapid prototyping and comprehensive preclinical studies laboratories, all located in Purdue's Discovery Park, we are positioned perfectly for interdisciplinary research and development.



Our spaces are built for connectivity, with seamless access between wet laboratories, instrumentation fabrication suites and preclinical testing capabilities.

Flexibility is built into the layout, with lab spaces that can be easily rearranged, and benches and other mobile equipment that can be quickly reconfigured for the varied aspects of prototype design and testing.

And the facility's careful design provides secure personnel access, through a layered approach, to increasing levels of research protocols. All laboratories also include state-of-the-art safety systems, so that both people and research are protected.

*Join us as we make the next giant leap
in the future of healthcare.*

engineering.purdue.edu/BME