

# WELDON SCHOOL OF BIOMEDICAL ENGINEERING

## Innovative Research and Education

The Weldon School of Biomedical Engineering is a leading biomedical engineering enterprise with recognized education and translational research programs. The School fosters strong academic, industrial and clinical ties that create a dynamic and uniquely productive environment for experiential learning and technology development. Through rapid expansion, the School is solving an expanded set of healthcare problems and improving the lives of patients worldwide.

### FAST FACTS



#### TECHNOLOGY TRANSFER AND ENTREPRENEURSHIP

- 100+ U.S. patents, over half licensed to company partners
- \$30M+ licensing royalties over the past two decades
- 25+ companies started; \$75M+ venture capital raised
- More than 6 million patients worldwide directly helped



#### DYNAMIC AND GROWING FACULTY

- 30+ core faculty members; 12 hired in past 5 years; actively recruiting
- 25% of faculty are women
- 12 NSF CAREER awardees and 12 AIMBE fellows
- Recognized by NIH Pathfinder and PECASE Awards



#### STATE-OF-THE-ART FACILITY AND ENDOWMENT

- \$25M, 91,000 gsf Martin C. Jischke Hall of Biomedical Engineering
- \$18M, 30,000 gsf Innovation Wing expansion
- \$10M endowment from Weldon family created first named engineering school at Purdue



#### CLINICAL TRANSLATION

- NIH MSTP with Indiana University School of Medicine training 20 MD/PhDs
- NIH T32 diabetes technologies and hearing sciences training grants
- Active translational component of NIH-supported Indiana CTSI
- 20+ active clinical trials of diagnostic and therapeutic innovations



#### ENGINEERING EDUCATIONAL PROGRAMS

- 400+ undergraduates in ABET-accredited program
- Extensive industrial and global partnerships for experiential learning and employment
- 100+ doctoral students; 25 entrants this Fall
- Novel distance-learning and professional master's programs
- More than 1,500 alumnae/alumni



#### EXPANDING RESEARCH AND INNOVATION

- Nearly \$20M in total annual research awards; 25% from industry
- Federal research funding doubled over past 10 years
- 25+ postdoctoral fellows, 15 full-time research staff
- Numerous applied research partnerships including Cook, Eli Lilly, CKD, NIDA