JOINT MISSION AND GOAL:
- Targeting and delivering therapeutics
- Discovering new diagnostics and treatments to better manage and ultimately cure disease.

PURDUE UNIVERSITY CENTER FOR CANCER RESEARCH
- National Cancer Institute designated basic research center – one of only seven in the nation with this designation.
- Promotes interdisciplinary research in prevention, detection and treatment of cancer – advancing discoveries from the lab to be used by doctors in patients.
- Over 100 faculty members at Purdue focus on discoveries to improve lives for people affected by cancer.

BOILERMAKER HEALTH INNOVATIONS:
Is a not-for-profit company created by Purdue researchers to take early drug discoveries and move them through proof of principal clinical trials. A new approach to improve drug development, Boilermaker Health Innovations has the potential to move drugs faster from discovery to the clinic and fund future research from successes.

DRUG DISCOVERY RESEARCHERS AT PURDUE:
- Focus on improving the quality of life for people around the world
- Engage in drug discovery across disciplines and institutions
- Translate basic research into clinical applications
Currently, our researchers are working on several classes of compounds and novel approaches to drug design. The figure below summarizes the active stages of drug discovery at Purdue.

### Purdue Center for Drug Discovery

100+ drug discovery researchers

14 Purdue-developed drugs currently in clinical trials

36 Purdue-developed compounds currently in clinical development

### Our Research Strengths

**Targeting**
- Developing molecules that deliver therapeutic agents directly to cancer cells
- Discovering new ways to block pathways essential for cancer cell development and survival

**Delivery**
- Developing nano-carriers to deliver increased amounts of therapeutics to cancer cells with less collateral damage to non-cancerous cells

**Drug Development**
- Investing in core service units that provide necessary research functions for drug development

**Multidisciplinary Cancer Research Facility**