

BY THE NUMBERS

FISCAL 2023 ANNUAL REPORT



**Office of Technology
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UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN

OTM.ILLINOIS.EDU



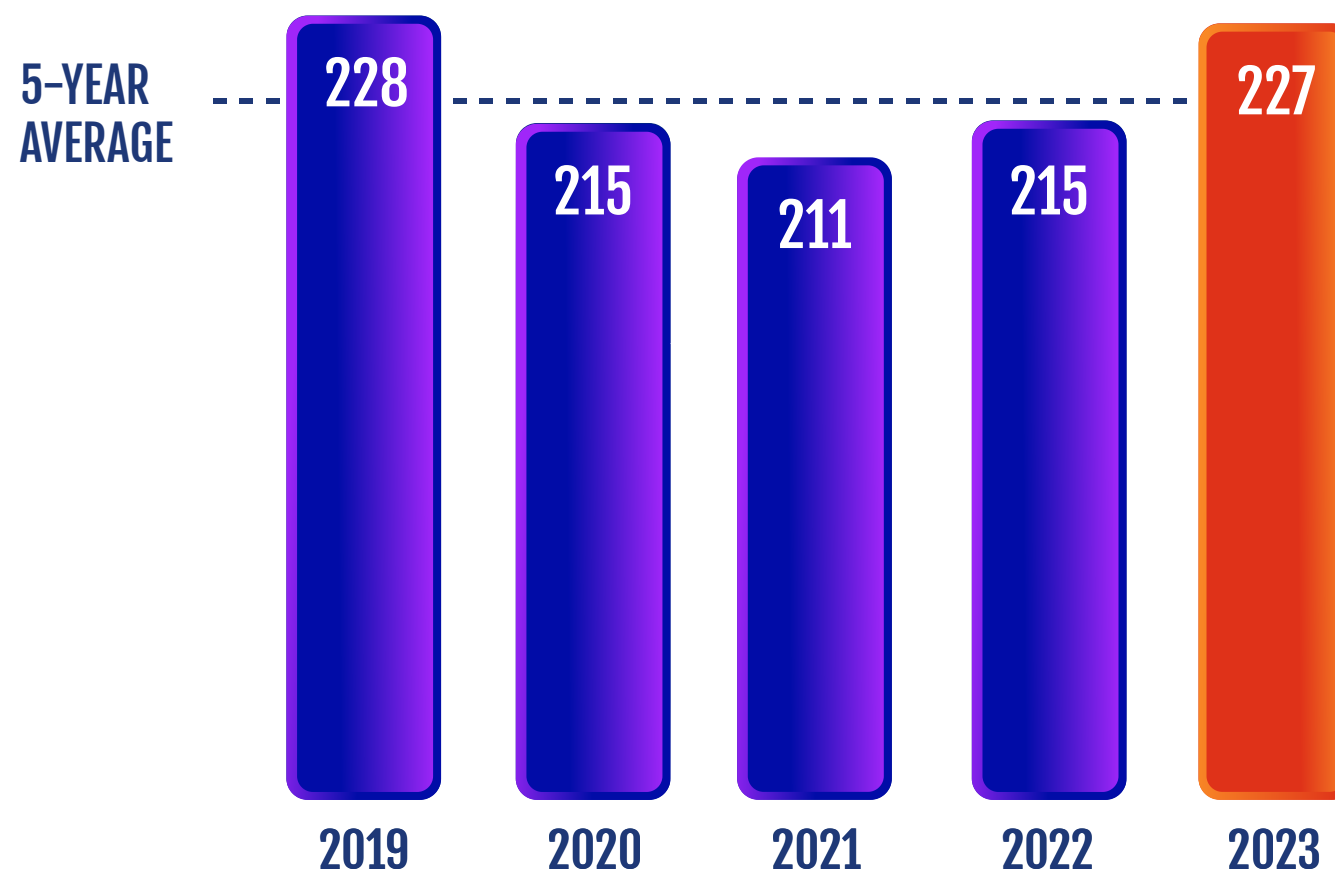
INVENTION REPORTS

BY THE NUMBERS
Fiscal 2023 annual report

227
RECEIVED IN FISCAL 2023

57 DEPARTMENTS & UNITS
across campus worked
with OTM in 2023

► [DISCLOSE YOUR INNOVATION](#)



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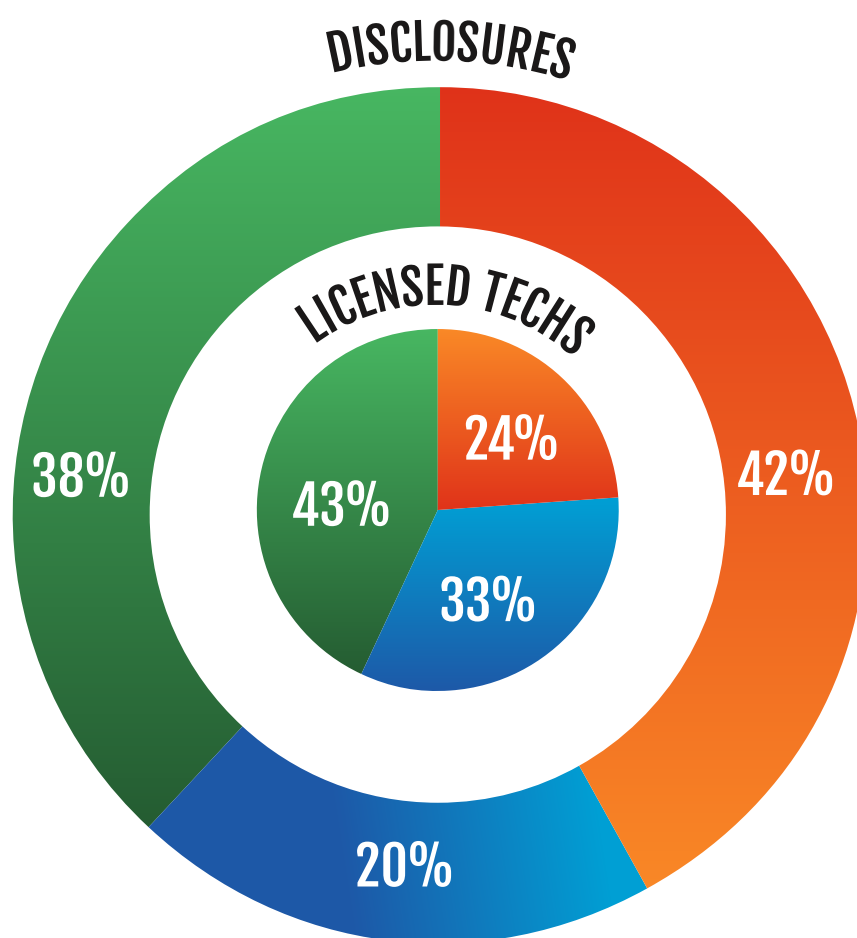
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2023 DISCLOSURE & LICENSING TRENDS

Innovation Type for Disclosed and Licensed Technologies

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PHYSICAL SCIENCES & TECHNOLOGY SOLUTIONS

- Environmental Testing & Remediation
- Mechanical & Industrial Engineering
- Electronics
- Energy
- Materials
- Optics

LIFE SCIENCES & HEALTHCARE

- Diagnostic Tests & Assays
- Drug Delivery & Stem Cells
- Food & Ag
- Medical Devices
- Research Tools & Reagents
- Therapeutics

SOFTWARE, COPYRIGHT, & OTHER

- Business Software
- Educational Tools
- Graphics & Visualizations
- Mobile Applications
- Programming
- Security Systems

► [SEARCH OUR AVAILABLE TECHNOLOGIES](#)



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INVENTOR DEMOGRAPHICS

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22%

**faculty who submitted
an invention report in
2023 are working with
OTM for the first time**

Total inventors on 2023 disclosures*	590
UIUC inventors	422
Faculty	155
Faculty disclosing for the first time	34
Postdocs, students, and academic professionals	267
UIUC inventors who self-reported gender and race**	307
Female UIUC inventors	80
Female faculty	33
URM UIUC inventors	10
URM faculty	2

*** Self-reported information provided by Human Resources**



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U.S. PATENT APPLICATIONS

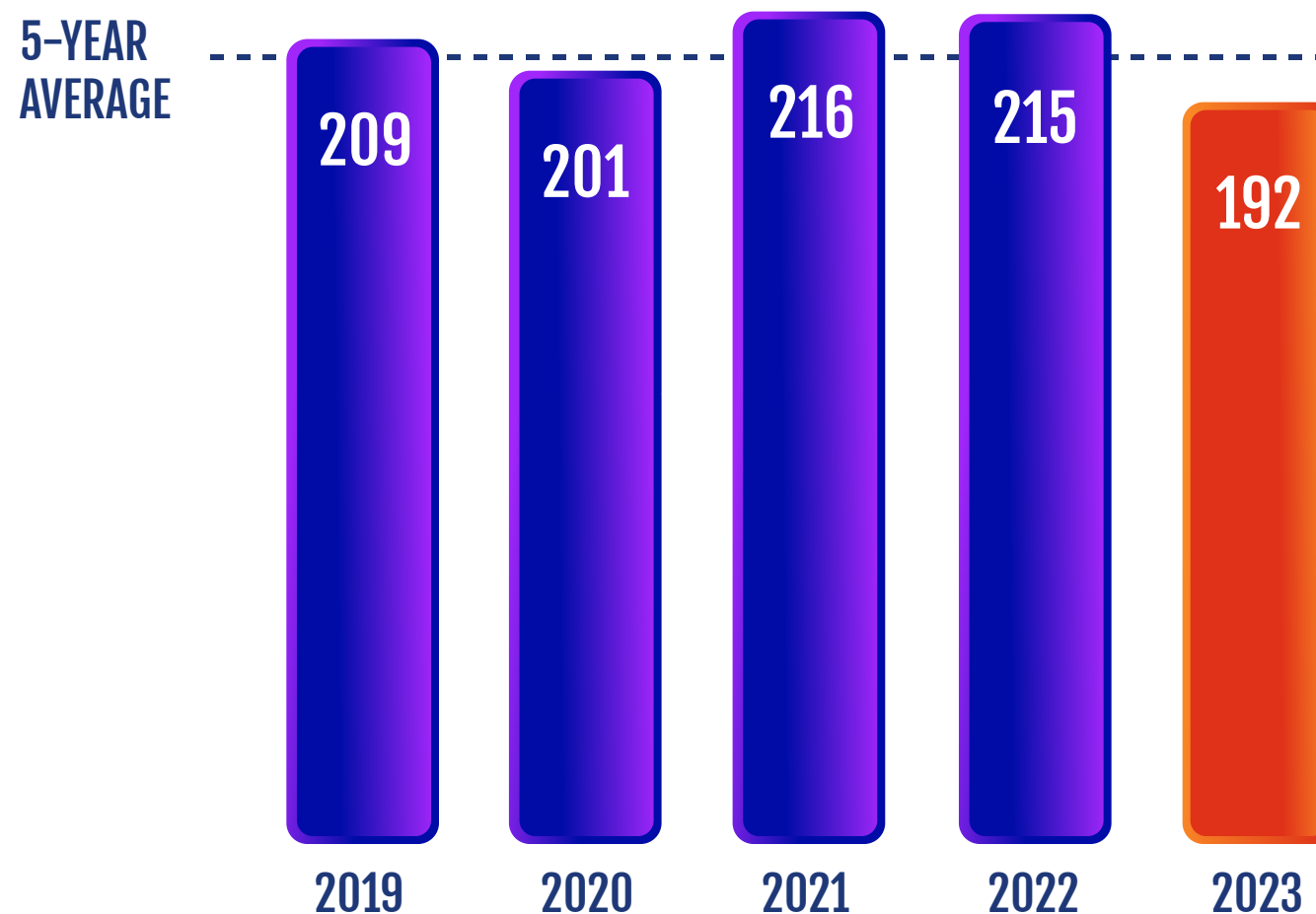
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192

FILED IN FISCAL 2023

OTM IS OFTEN THE
FIRST INVESTOR
IN UIUC STARTUPS

We spend years developing IP portfolios in anticipation of startup licenses. On average, **42% of our annual patent budget** supports patents licensed by startups.



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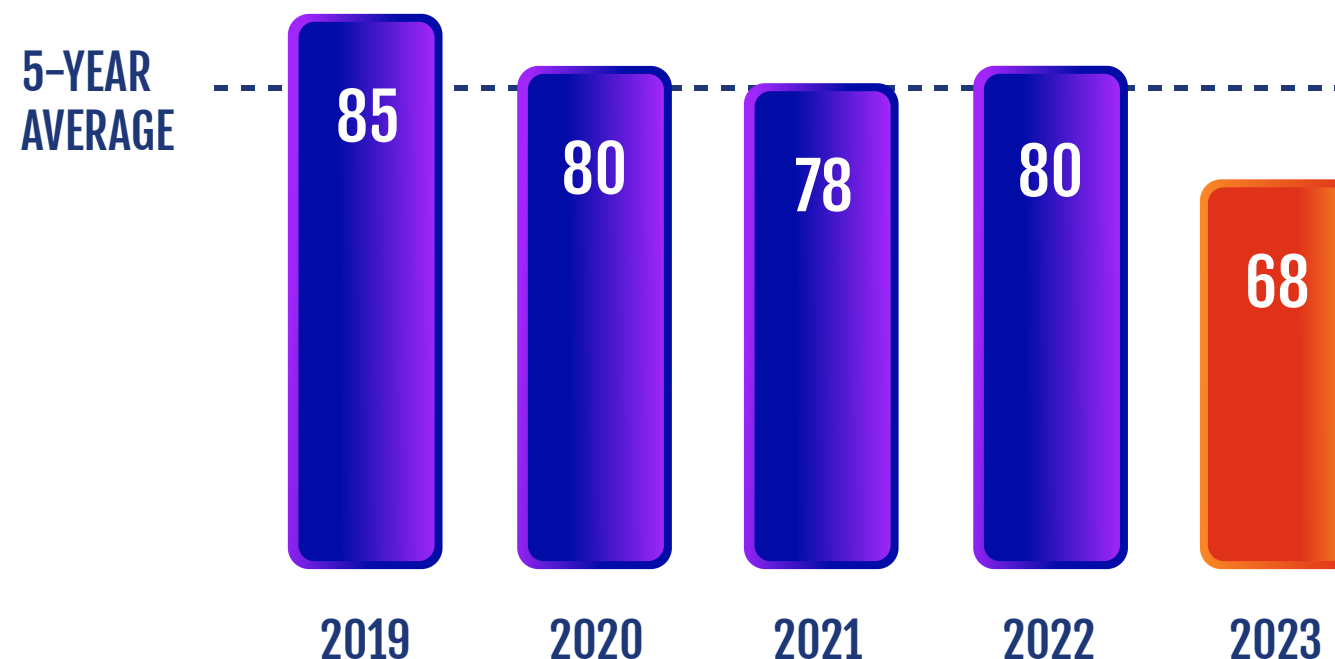


ISSUED U.S. PATENTS

BY THE NUMBERS
Fiscal 2023 annual report

68
ISSUED IN FISCAL 2023

41% OF U.S. PATENTS
issued in 2023 have been
licensed or optioned



The University of Illinois System ranks #22 on the National Academy of Investors' list of Top 100 Worldwide Universities Granted U.S. Utility Patents in 2022.



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LICENSES & OPTIONS

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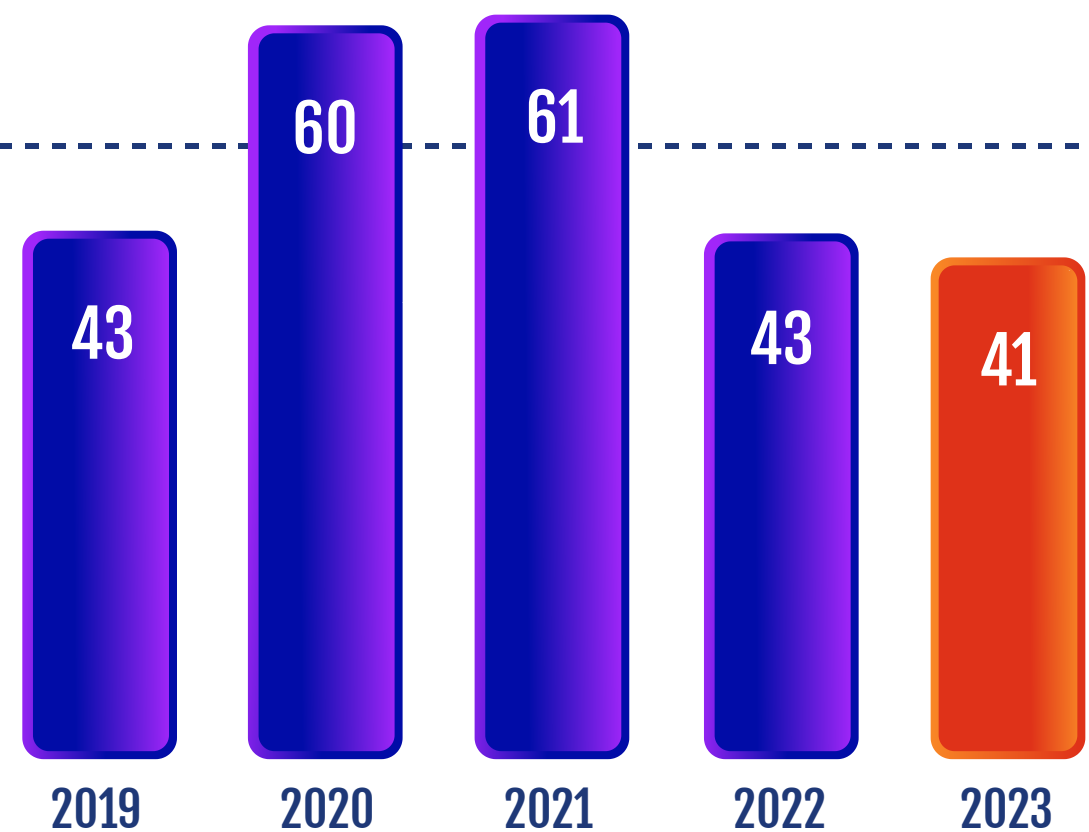
41

EXECUTED IN FISCAL 2023

380+

TOTAL ACTIVE LICENSES & OPTIONS

5-YEAR
AVERAGE



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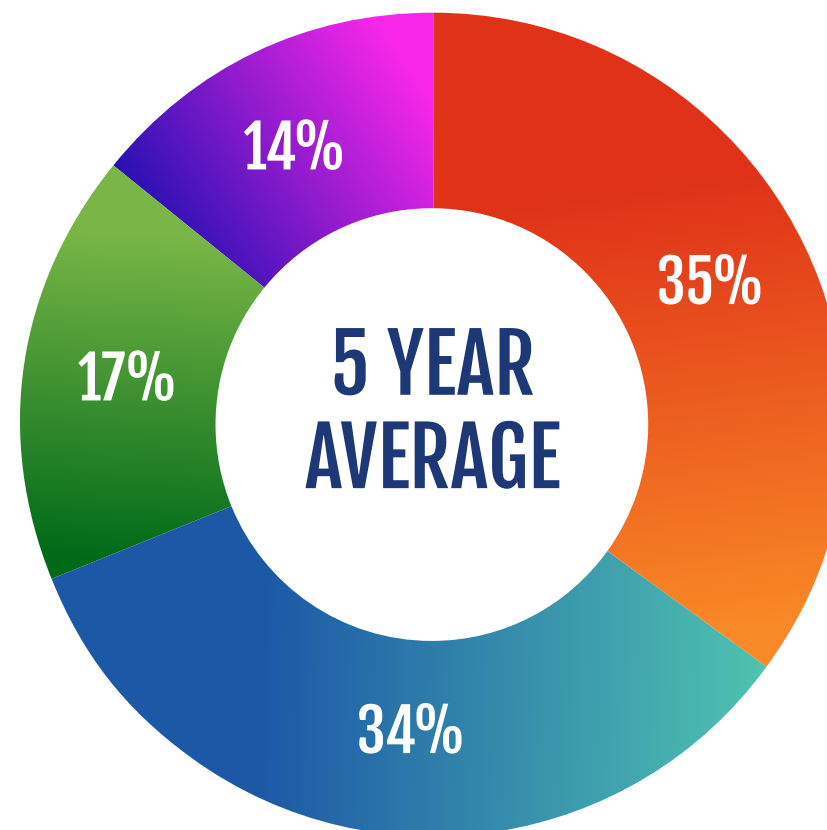
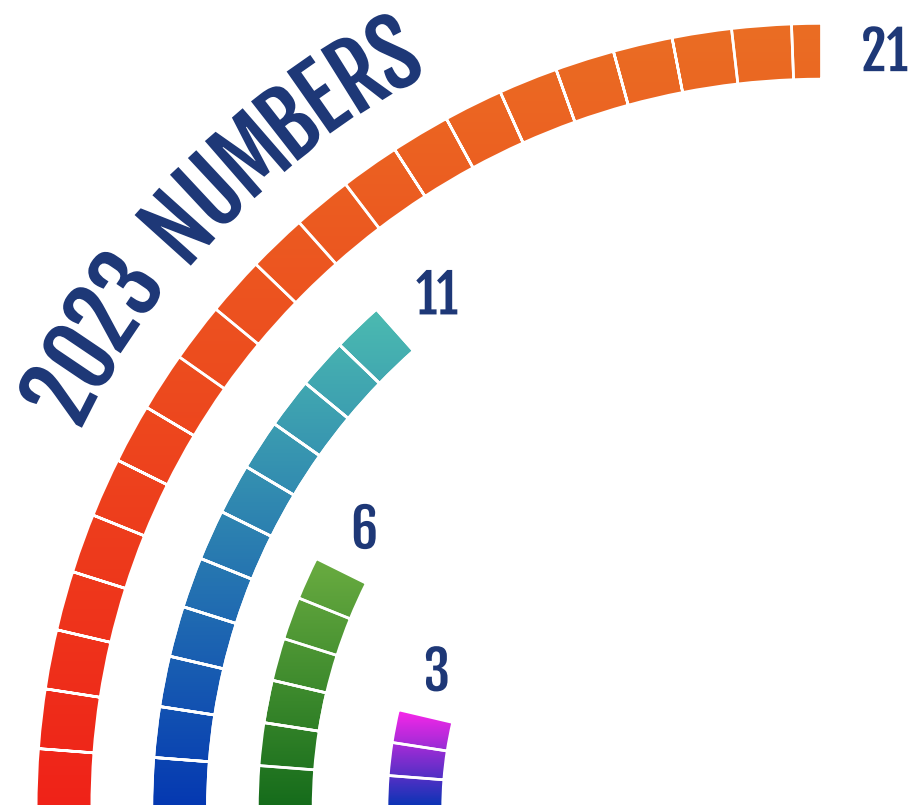
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LICENSES & OPTIONS BY ENTITY TYPE

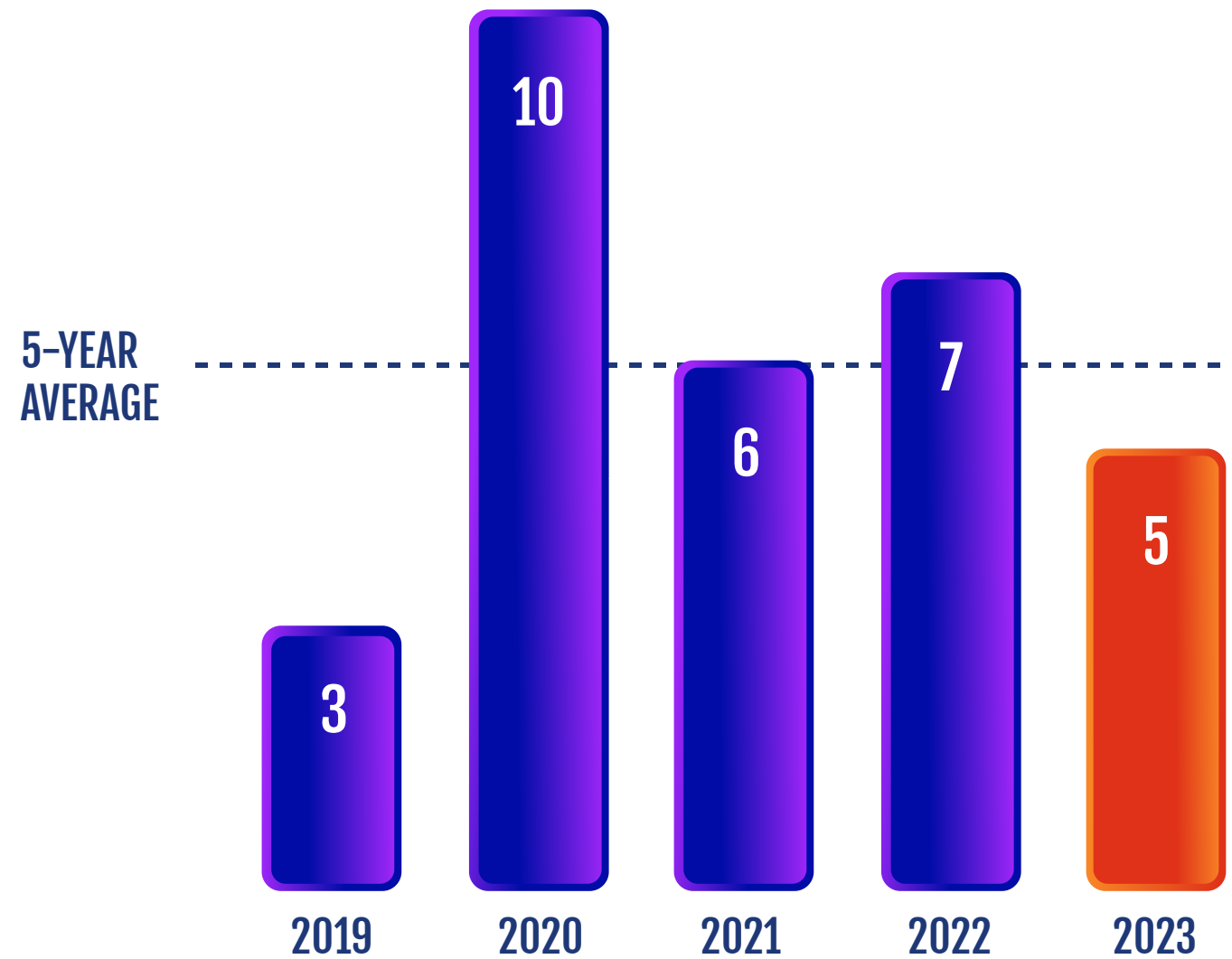
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- STARTUPS
- EXISTING COMPANIES
- SPONSORED RESEARCH
- EDUCATIONAL & NONPROFIT INSTITUTIONS



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CADENZA BIO

Developing therapeutic small molecule drugs for inflammatory and neurodegenerative diseases. Based on research by [John Katzenellenbogen](#) and colleagues at the University of California Riverside, and in collaboration with SmartHealth Catalyzer.



KINESID THERAPEUTICS

Developing small molecule prosthetics for the treatment of iron transport related diseases, based on research by [Martin Burke](#) and colleagues at the University of Michigan. Acquired by [Cajal Neuroscience](#) which is located in Seattle, Washington.



HEMORHYTHMICS

Providing solutions for implantable medical devices and human health sensors. Utilizing intellectual property developed by John Rogers at the University of Illinois and Northwestern and based in Evanston, IL.



► MOOJI MEATS

Offering plant-based steaks manufactured at scale. Utilizing intellectual property developed by Jennifer Lewis at the University of Illinois and Harvard. Based in Baltimore, Maryland.



► RAPICURE SOLUTIONS

Composite manufacturing technology utilizing a well-controlled, self-propagating, frontal polymerization process to cure high-performance composites quickly and effectively without the need for autoclaves . Based on research developed by Jeffrey Moore, Nancy Sottos, Philippe Geubelle and the late Scott White. Headquartered in Loveland, Colorado.



STARTUP PIPELINE

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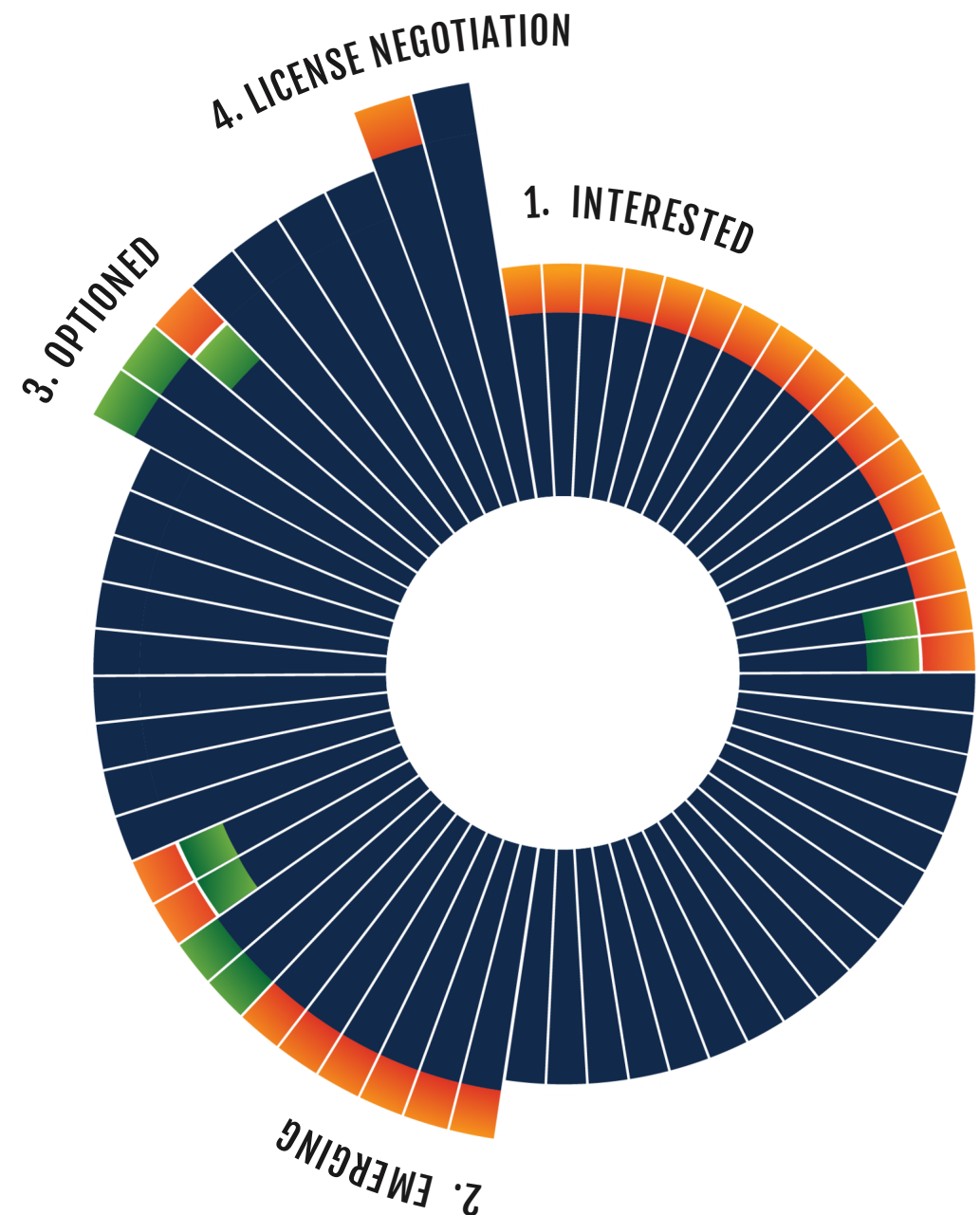
- ▶ **The Illinois Proof-of-Concept program (IPOC)** funds projects that help move UIUC research innovations closer to public use and societal impact. Awards up to \$50,000.
- ▶ **Intellectual Property Licensing to Illini New Companies (IP-Linc)** connects participants with experienced commercialization professionals and access to UIUC intellectual property through a streamlined option and license agreement with startup-friendly terms.



IPOC APPLICANT



IP-LINC APPLICANT



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IMPACT OF PROOF-OF-CONCEPT FUNDING*

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► [LEARN MORE ABOUT IPOC](#)

* Since 2009



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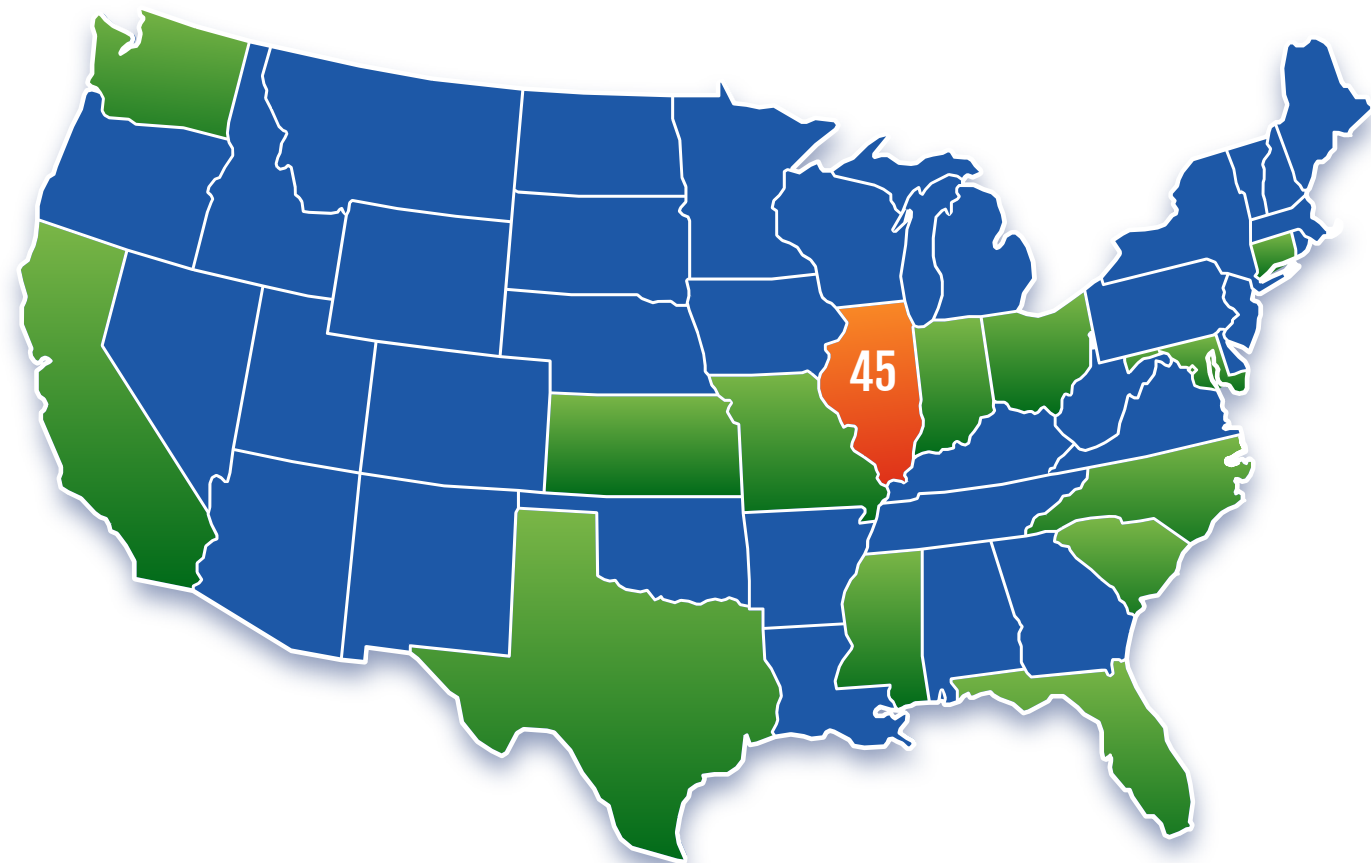
STARTUP MAP

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69

ACTIVE STARTUPS

founded on University
of Illinois IP,
including 45 in Illinois.



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REVENUE 2023

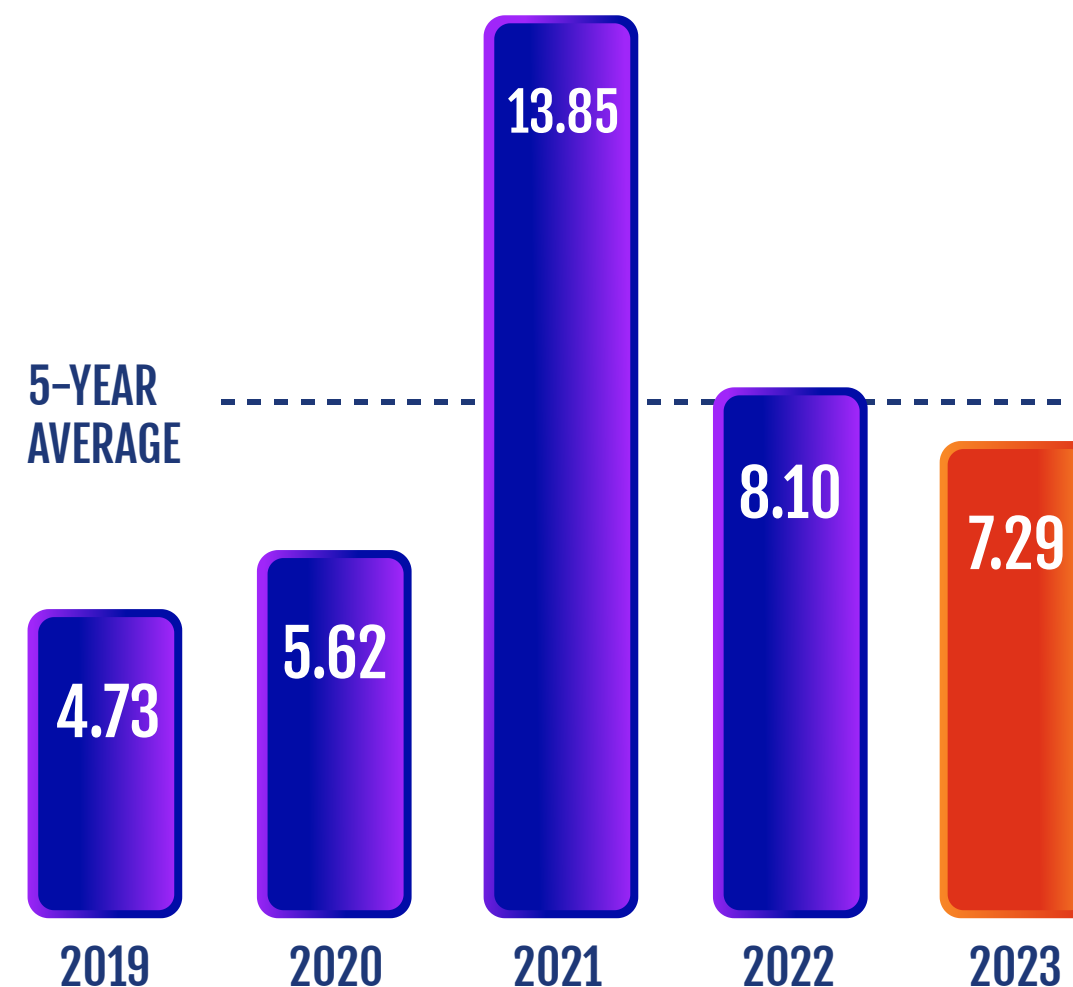
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\$7,293,124

\$2,204,873 Patent Expense Reimbursement

Actual Distributions:

\$2,372,242	Inventors & Creators
\$1,838,585	Colleges & Units
\$2,394,914	University Cost Recovery



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RECENT REVENUE-GENERATING PORTFOLIO HIGHLIGHTS

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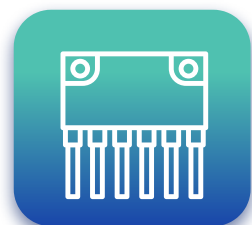
SALIVA BASED TESTING FOR SARS-CoV-2

Non invasive covid testing



SMALL MOLECULE SYNTHESIS

Small molecules serving as substitutes for missing proteins to restore function



PRINTABLE SEMICONDUCTORS

Stretchable, flexible, and printable electronics



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CAMPUS SUMMARY

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College/Unit	Invention Reports	U.S. Patent Applications Filed	U.S. Patents Issued	Licenses & Options
Campus Total	227	192	68	41
Agricultural, Consumer, & Environmental Sciences	17	9	-	15
Applied Health Sciences	4	1	-	-
Business	1	-	-	-
Education	1	-	-	2
Engineering	119	105	42	18
Liberal Arts & Sciences	53	62	26	11
Carle Illinois College of Medicine	9	2	-	-
Veterinary Medicine	6	2	3	-
Beckman Institute for Advanced Science and Technology	19	21	7	3
Institute for Genomic Biology	28	24	3	4
National Center for Supercomputing Applications	5	4	1	1

Note: Due to interdisciplinary research on campus, inventions are often associated with more than one college/unit. The numbers reported in this table may be counted multiple times, once for each associated college/unit.

