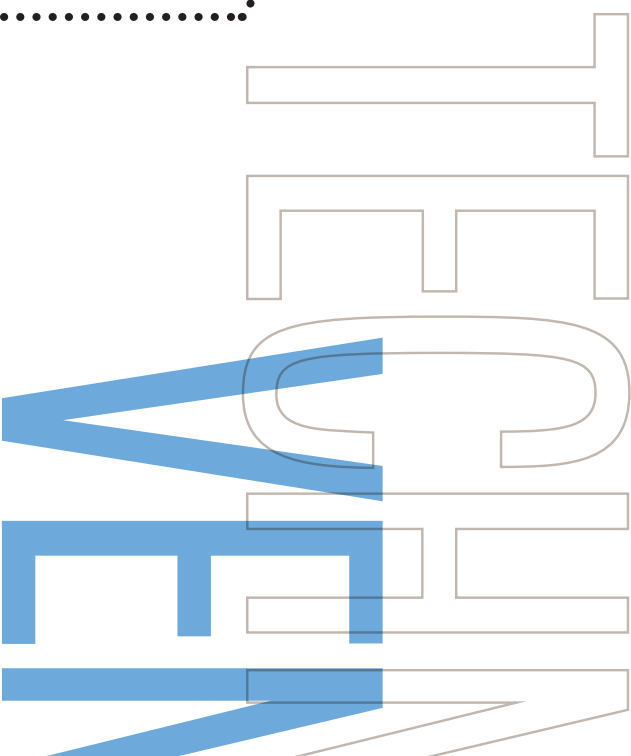
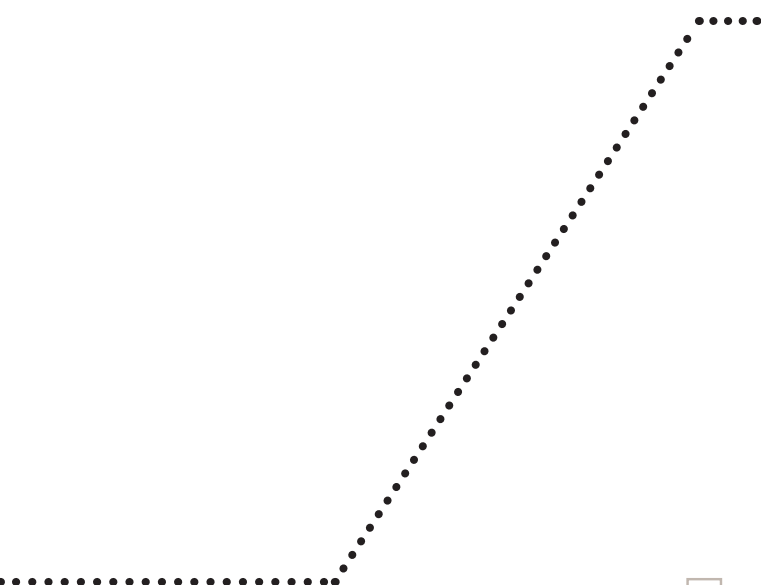


2014

YEAR IN BRIEF



NEWS



Sharing our discoveries and inventions with the world is a guiding principle for members of the research community at Johns Hopkins, from the most seasoned faculty members to undergraduates taking on their first major projects.

Innovations from the minds of our researchers can save lives across the globe, and we feel a moral imperative to move forward as quickly as possible. But bringing big ideas to the marketplace is never easy.

That's where we come in. The mission of Johns Hopkins Technology Ventures, formerly Johns Hopkins Technology Transfer, is to nurture the university's innovation ecosystem so that our discoveries have the best possible chance of

reaching their potential. This year, we changed our name to better reflect our licensing, business development, and accelerator efforts on behalf of the university. In 2014, we also renewed our emphasis on customer service and user friendliness by enhancing existing initiatives and launching several new ones to help move our technologies from bench to bedside. Some highlights from 2014 are on the pages that follow.

It is both an honor and a pleasure to work with faculty members, staff, and students whose research results in game-changing creations. I'm confident that by working together, the people of Johns Hopkins will bring even greater innovation to the world in 2015.

Sincerely,



Christy Wyskiel
Senior Adviser to the President

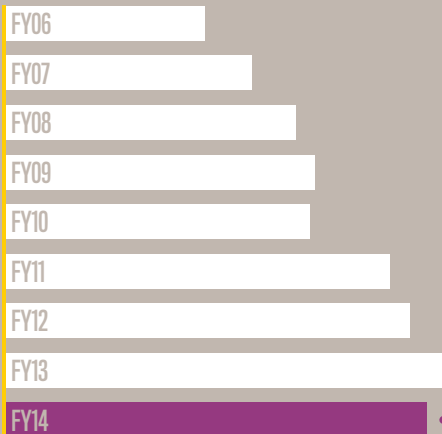
THE YEAR IN BRIEF

13



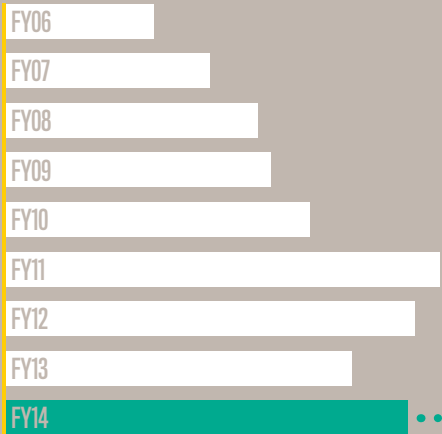
454

INVENTION DISCLOSURES RECEIVED



\$16.5

MILLION IN LICENSING REVENUE



159

NEW AGREEMENTS, INCLUDING OPTIONS

NEWLY CREATED STARTUP COMPANIES

- AsclepiX Therapeutics
- CelluNova
- emocha Mobile Health Inc.
- Gamma3
- Halo Scientific
- HeartMetrics
- Max and Haley LLC
- NanoDirect
- Obesity Solutions Inc.
- Patient Doctor Technologies
- respEQ
- Revolve Biotechnologies Inc.
- Vixair Medical Inc.

2,324
ACTIVE ISSUED PATENTS

12%
INCREASE OVER FY 2013 ISSUED PATENTS

92
NEW U.S. PATENTS ISSUED

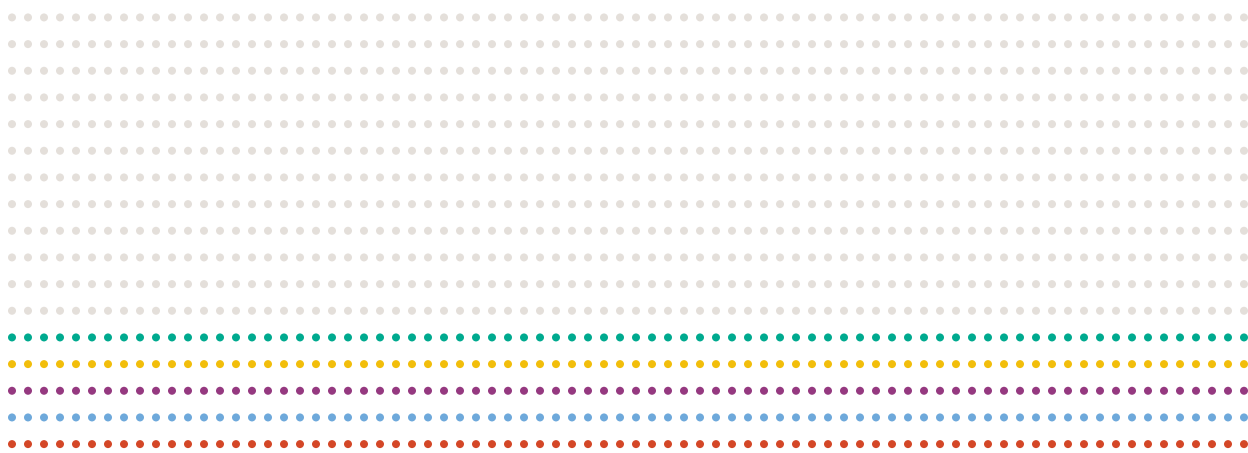
3,898
MATERIAL TRANSFER AGREEMENTS COMPLETED

HIGHLIGHTS

- Secured **92 U.S. patents** for Johns Hopkins.
- Created an **Express License agreement** that dramatically speeds up the process for a faculty member's invention to be licensed to a startup company.
- Invested in an accelerator program, DreamIt Health Baltimore, which nurtured **nine new Health IT startup companies**.
- Increased our involvement with the Social Innovation Lab, which supports promising companies that target innovative solutions to local and global problems. Since its inception, the SIL has supported **33 social enterprises** that have received about **\$1.5 million** to further their work.
- Established a **Mentor-in-Residence program** that connects experienced industry talent with our entrepreneurial faculty.
- Benefited from an **Entrepreneurship Bootcamp** for over 70 faculty and students in East Baltimore, run by the Carey Business School.
- Facilitated two programs, **I-Corps** and the **Maryland Innovation Initiative**, to educate and fund budding product concepts within our university. Since 2013, MII has supported 16 startups and 79 university proof-of-concept projects, bringing an aggregate of \$9.3 million in support.
- Completed a **faculty-led study of the Innovation Hub concept**. Led by co-chairs Drew Pardoll and Jennifer Elisseeff, the committee recommended that the university dedicate space, funding, and services to its innovation efforts.
- Launched a **Commercialization Academy** that will provide diverse career training opportunities for students at all levels.
- Started work to expand our FastForward Homewood program by adding a new co-working incubator, **FastForward East**, to bring affordable lab and office space, as well as programming and services, to startups near our East Baltimore campus.
- Signed several new commercialization agreements. One is a **\$6.5 million research collaboration with MedImmune**, focusing on oncology, infectious diseases, and respiratory, inflammation, and autoimmunity issues; antibody discovery; and protein engineering. A second involved the installation of an advanced scanner from Toshiba, the **Aquilion ONE ViSION CT scanner**, as a result of a longtime Hopkins-Toshiba partnership in cardiology that has expanded to include a Big Data project.



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