Faculty Resources for Managing Intellectual Property

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How Does Penn State Define Intellectual Property?

• Policy IP01

  • “Research intellectual property” is the term used to describe the discoveries, inventions and creations with potential commercial value that result from research activities. Most research intellectual property developed at the University can be protected by patents, but some University research intellectual property (i.e. software) is more appropriately protected by copyright. Although some research intellectual property may be protected by trademark or trade secret, it is rare for the University to utilize these methods of protection.

  • Subject to the Intellectual Property Agreement
The Penn State Pipeline

- Office of General Counsel provides legal support for development of the Research Enterprise.
Legal Touchpoints Within the Research Enterprise

- Confidential Disclosure Agreements
- Sponsored Research Agreements
- Inter-Institutional Agreements
- Clinical Trial Agreements
- Data Use Agreements
- Post-Award Compliance
- Material Transfer Agreements
- Patent Procurement Strategy
- Option Agreements
- License Agreements
- Dispute Resolution
OTM's Role in Penn State Research

- > $800M Research Expenditures per year
  - 140 Invention Disclosures
  - 80 U.S. Provisional Patent Applications
  - 60 U.S. Non-provisional patent applications
  - 40 U.S. Patents issued per year
    - 615 Patents Issued to PSRF
      - 40% of Issued patents are licensed
  - 30 license agreements executed per year
Observations on the Pipeline

Research
Invention Disclosures
Patent Filings
Licenses
TechCelerator@StateCollege

- 3 years / 7 Classes / 42 Teams Graduated
  - Formed/forming 39 companies
  - $6.3M start-up funding
  - $4.1M revenue generated
  - 9 Incubator tenants
  - 95 full or part-time employees
  - 25 of 42 based on Penn State technology
  - Ben Franklin has invested $950K in 10 start-ups
Penn State Fund for Innovation

• One Year Pilot Program
  • Seeded with $1M

• Initial Goals
  • Support 16 College Proof-of-Concept Programs
  • Conduct 10 Proof-of-Relevance Studies
  • Provide funding for 5-6 new companies
Questions