

## Structure of Technology Commercialization at Other Research Universities

### 1. Harvard

Office of Technology Development – reports into Senior Associate Provost – responsible for patents, licensing and new ventures as well as industry sponsored research and MTAs. The office has more than 20 employees and has two office locations to service the faculty.

### 2. Pitt

- a. Office of Technology Management – responsible for protection, management and commercialization of IP – Reports to Provost
- b. Office of Enterprise Development – resource for faculty pursuing entrepreneurship and interactions with industry – Reports to Vice Chancellor for Health Sciences (medical focus)
- c. Technology Commercialization Alliance – resource to University community (including students) for commercial innovation and entrepreneurship training - Reports to Provost
- d. MTAs go through the Office of Research
- e. Pitt has a Technology Transfer Committee that is comprised primarily of faculty. Its purpose is to evaluate the scientific feasibility and merit of Invention Disclosures and their patentability and commercial potential
- f. Pitt also has an Entrepreneurial Oversight Committee whose purpose is to review the entrepreneurial relationship between University faculty and start-up companies and to review licensing arrangements in which the University takes equity.

### 3. Cornell

- a. Cornell Center for Technology, Enterprise and Commercialization (CTEC) – responsible for technology management, enterprise development and all aspects of commercialization activity (non-medical) – Reports to Vice Provost for Research. There is an Office of Economic Development within the CTEC.
- b. Office of Technology Development – Medical Center (geographically located in NYC)
- c. Cornell has an Intellectual Property Committee charged to advise and recommend to the Vice Provost for Research on issues related to the University's IP policy.

### 4. Duke

- a. Office of Science and Technology – responsible for patents, licensing and new ventures as well as industry sponsored research and MTAs. Website states that technology comes from Medical Center but technologies available include physical sciences – Reports to Vice Provost for Research. Within the OST, there are separate positions with responsibility

for licensing activity, industry sponsored research agreements and corporate programs (start-ups, etc.)

- b. Office of Corporate and Foundation Relations – coordinates interactions with industry – Reports to University Development (Advancement)
- c. Duke has an Intellectual Property Committee comprised of five members – three of whom must be from the faculty (with at least 1 from Med School and 1 from Engineering) and two from administration. It reviews the annual report of the Office of Science and Technology and reports to the President on IP policy matters.

5. USC

- a. Office of Technology Licensing – responsible for patents, licensing and new ventures and for MTAs – Reports to VP for Research Advancement. The OTL staff is organized into teams with members who focus on patenting and ones who focus on marketing and licensing.
- b. Engineering Technology Transfer Center – performs similar function for School of Engineering.
- c. Center for Technology Commercialization – collaboration between business, engineering and medical schools to provide assistance in commercialization process.
- d. USC has a University Patents and Technology Transfer Committee which is charged with reviewing and recommending inventions for patenting or technology transfer, recommending policies with regard to IP issues, developing appropriate review procedures for invention disclosures and recommending policies with regard to the transfer of technology. The committee reports to the Office of the President through the Provost.

6. Wash U – St. L

- a. Office of Technology Management – responsible for patents, licensing and new ventures and for MTAs and Industry Sponsored Research – Reports to Vice Chancellor for Research
- b. There is a faculty Committee for Oversight of University’s Technology Transfer Activities which reports to the Vice Chancellor for Research. Its specific charge is not available on the website.

7. Northwestern

- a. Technology Transfer Program – responsible for patents, licensing and new ventures and for MTAs – Reports to Office of President
- b. Office of Corporate Relations – Reports to Development Office
- c. Office of Industry Relations – Reports into School of Engineering
- d. There is a Steering Committee for Technology Transfer comprised of faculty, tech transfer staff and central administrators. It is charged with reviewing policy issues.

8. Vanderbilt
  - a. Technology Transfer and Enterprise Development – responsible for patents, licensing and new ventures and for MTAs – Reports to Provost. There are separate staff positions for enterprise development
  - b. Vanderbilt has a Technology Review Committee the members of which are appointed by the Chancellor. The Committee reviews and monitors the activities of the Office of Technology Transfer and Enterprise Development on matters related to the administration of University policies.
  
9. Emory
  - a. Office of Technology Transfer– responsible for patents, licensing and new ventures and for MTAs – Reports to the Vice President for Research Administration.
  - b. Emory has a University Technology Transfer and Industrial Contracting Advisory Committee which reports to the Provost on policy matters.
  
10. Chicago
  - a. UCTech - Office of Technology and IP – responsible for patents, licensing and new ventures. It also is responsible for MTAs with industry. MTAs with other academic institutions are handled through Research Administration. Reports to VP for Research.
  - b. A Faculty Advisory Committee “oversees” UCTech but no additional details were available in the website
  
11. Boston U
  - a. Office of Technology Development has separate staff functions for each of the following areas:
    - i. Technology Transfer (handles MTAs)
    - ii. Innovation and Entrepreneurship
    - iii. Business Incubation
    - iv. Corporate Business Development
    - v. Venture Capital investmentsReports to the Provost
  - b. Office of Corporate and Foundation Relations – reports to Development/Advancement and focuses on corporate donations to University
  
12. Case Western
  - a. Technology Transfer Office – responsible for patents, licensing and new ventures. It also is responsible for MTAs. Reports to Vice President for Research and Technology Management. Specific services the TTO offers to start-ups includes business plan writing, hiring CEOs, renting lab space or other facilities and building prototypes.

- b. Industry sponsored research agreements go through Office of Research Projects.

### 13. Johns Hopkins

- a. Johns Hopkins Technology Transfer was created in 2001 by combining the technology transfer operations from the College and the School of Medicine. It reports to the Vice Provost for Research. The Applied Physics Laboratory has its own technology transfer office.
- b. JHTT has a marketing group and a patent and licensing group. It handles patenting, licensing and MTAs.
- c. Hopkins has a Committee on Technology Transfer and an Equity Holdings Committee (which is a part of its conflict of interest committee). There were no details on the specific roles of these committees available on the website.
- d. There is an Economic Development Office at Hopkins which is staffed with former venture capitalists. Its mission is to support the faculty as they think about, prepare and prosecute commercialization of Hopkins technologies.
- e. There is an Office of Corporate Alliances whose mission is to assist industry to mine various parts of Johns Hopkins for commercialization purposes and to help faculty connect with industry sponsors.
- f. Financial support of JHTT is provided by the various schools and institutes within the University with a subsidy from the University General Administration. Operating costs are proportionately based on each school or institute's respective percentage of royalty income and patents filed.

### 14. Penn

- a. Center for Technology Transfer - responsible for patents, licensing and new ventures and for MTAs – Reports to the Vice Provost for Research
- b. CTT has staff functions dedicated to start-up business development
- c. There is a subcommittee on intellectual property of the Faculty Senate that reviews policy issues.