

# UNIVERSITY OF MARYLAND TECHNOLOGY TRANSFER

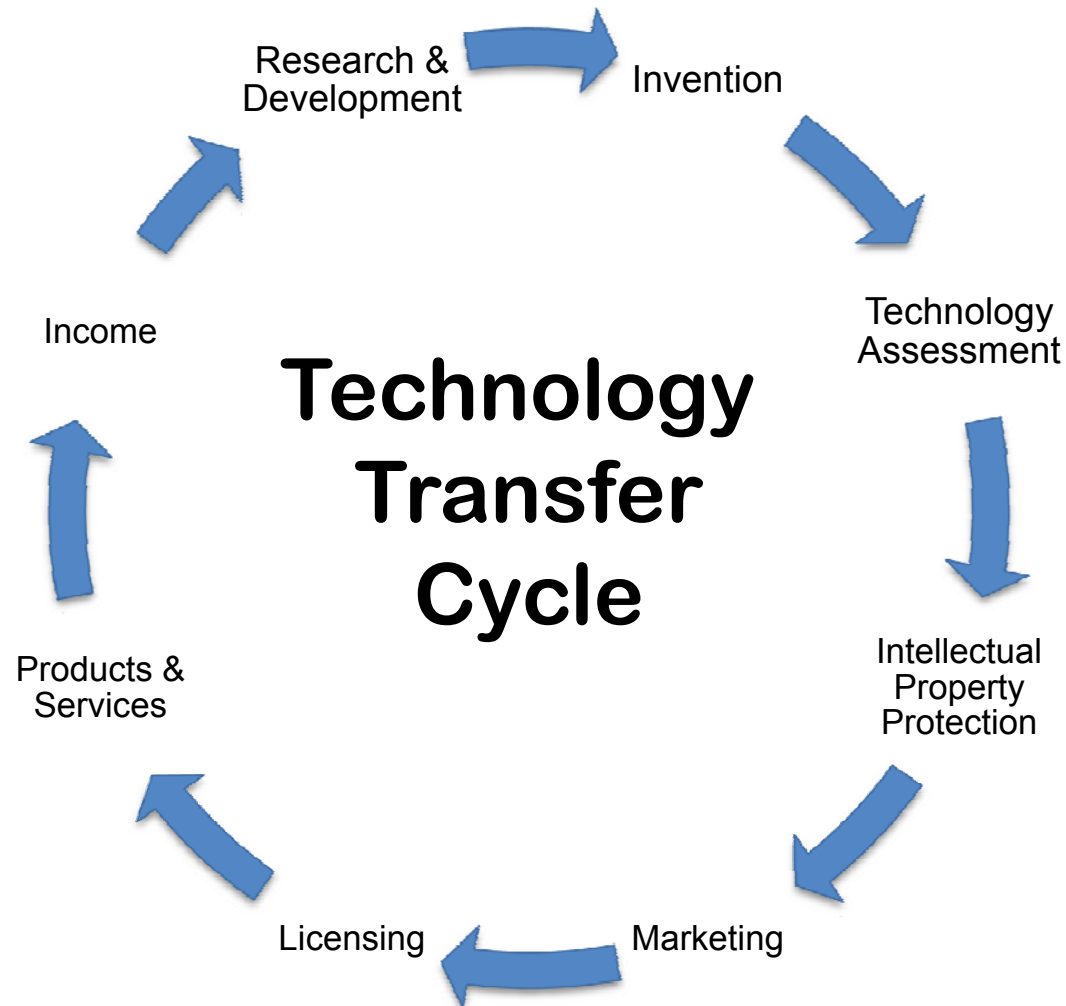


Office of Technology Commercialization

Sept. 30, 2014



# What is technology transfer?





# Who we are

Gayatri Varma  
Executive Director

## Technology Management Team

### Life Sciences

Sangeetha Raghavan  
Jeremiah Mitzelfelt

### Information Sciences

Alla McCoy  
Leslie Long

### Physical Sciences

Pasquale Ferrari  
Marck Clerveau

### Intellectual Property

Felicia Metz  
Laura Vessella



# What we do

- Seek and receive reports of inventions from investigators
- Market technology and negotiate and administer license agreements
- Assist in formation of start-up businesses
- Record income and administer income distribution
- Provide oversight of patent prosecution
- Decide whether to elect title for inventions developed with external funding and file patent applications
- Provide reports to government and other sponsors



# Who owns Inventions created by University Employees?

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- Federal law provides some of the answers
- University IP policy provides some answers
- Contracts provide the remaining answers



# Working with OTC - Disclosure

- **Inventors/Authors submit an intellectual property disclosure to OTC**
  - Forms here: <http://otc.umd.edu/disclose-invention>
  - IP disclosure  $\neq$  automatic patent
- **Formalities triage**
  - Inventor/author names
  - Royalty share for UMCP inventors
  - Funding information
  - Publication/public disclosure dates



# Working with OTC – Commercialization

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- Technology assessment
  - Inventor meeting
  - Executive summary
  - Prior art search
- OTC negotiates & signs agreements
  - Confidentiality agreements (NDAs, CDAs)
  - Material Transfer Agreements (MTAs)
  - Software evaluation, data use agreements
  - License agreements



# How you can help

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## **Faculty, Staff & Student Obligations:**

- Disclose IP they create that the University owns to OTC
- Assign their rights in that IP to University
- Assist in preparing patent applications
- Inform OTC when they publish something about an invention
- Inform OTC about commercial interest and company contacts





# Working with OTC - Patents

- Filing provisional patent application
  - For inventions where publication planned or inventor's own public disclosure < 1 year prior
- Filing regular (non-provisional) patent application
  - Decision based on state of technology
  - Commercial interest
  - Available funds

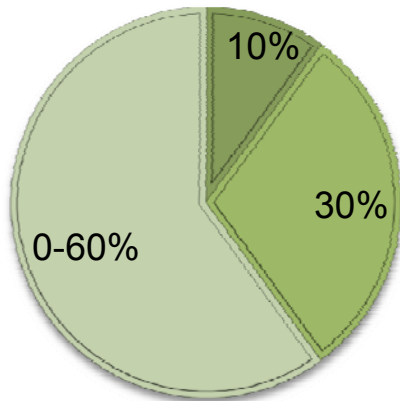


# Revenue Sharing

## Current Royalty Distribution Policy

(for disclosures received after 7/1/2002)

### Income Received

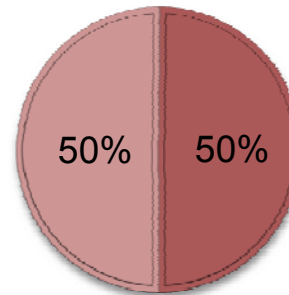


- Inventor(s) (10%)\*
- University Admin Fee (30%)
- Expenses (0-60%)

After expenses are covered, balance goes to inventor(s) up to threshold amount.\*

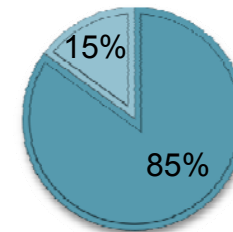
Remainder = Net Revenue

### Net Revenue



- Inventor(s) (50%)
- University (50%)

### University Share



- Department (85%)
- Further promoting of IP (15%)

The threshold amount is determined annually by the Chancellor and is based on the fiscal year in which income is first received:

#### \*Threshold amounts:

2008:	\$11,740
2009:	\$11,751
2010:	\$12,071
2011:	\$12,252
2012:	\$12,615
2013:	\$12,800
2014:	\$13,000



# UM Ventures Resources

**MTECH  
Ventures**



**OTC**



**Dingman Center for  
Entrepreneurship**



**Entrepreneur Office Hours**

**Tech Transfer Review Board**

**Faculty Venture Fairs**

**Dingman Center Angels**

**VentureAccelerator**

**TAP**



# UM & State Resources

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- Maryland Technology Enterprise Institute (MTECH)
  - Maryland Industrial Partnerships (MIPS)
  - VentureAccelerator
  - Technology Advancement Program (TAP)



# UM & State Resources

- Maryland Technology Development Corporation (TEDCO)
  - **Maryland Innovation Initiative (MII)**
    - Phase I: pre-commercial research (proof-of-principle)
    - Phase II: commercialization planning
    - Phase III: early-stage development
    - JHU, Morgan State, UMCP, UMB, and UMBC
    - Site miners
    - Disclosed to TTO
    - University start-up co. eligible for Phase III
    - <http://tedco.md/program/the-maryland-innovation-initiative-mii/>



# For more information

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Check out OTC's web site at

<http://techtransfer.umd.edu/>

Find us on [Facebook](#), [LinkedIn](#), and [Twitter](#)  
[@UMDTechTransfer](#)

**NEXT PATENTS & PIZZA SESSION**

**Wednesday, Oct. 22, 2014**