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# **Clinical and Translational Sciences Pilot Project Program**

**Pamela W. Feldhoff, Ph.D.**  
**Associate Vice President for Research**



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# Basic, Advanced and Innovative Award

- Intramural Research Grants
- Up to \$50,000, \$100,000 and \$250,000 respectively
- Peer Reviewed
- Programs are expected to be rigorous and competitive



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# Basic Translational Research Award

- Will follow the traditional Proof of Concept Grant process
- A Research Disclosure may or may not be required
- **Approximately 40 awards** spread over three deadlines in FY10. November 16, February 15 and May 15



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# Traditional Proof of Concept Grant Program

- Projects directed to the commercialization of technologies
- Offices of EVPR and Technology Transfer
- \$50,000/quarterly
- Committee Review



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# Basic Translational Research Award

- Will follow the traditional Proof of Concept Grant process
- A Research Disclosure may or may not be required
- **Approximately 40 awards** spread over three deadlines in FY10. November 16, February 15 and May 15



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# Advanced Translational Research Award

- Will follow the traditional Proof of Concept Grant process with additional evaluation criteria
- A Research Disclosure is required
- **Approximately 15 awards** will be made
- Deadline November 16 for March 1, 2010 funding



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# Innovative Translational Research Award

- Senior Level, federally funded within the last 3 years
- Junior Level, “Bright Young Stars”
- **Approximately 14 awards** will be made
- A Research Disclosure may or may not be required
- A Pre-proposal is required



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# Innovative Translational Research Award

- Pre-proposal deadline November 16
- Full proposals solicited from successful Pre-proposals
- Full-proposal deadline January 15 for March 1, 2010 funding
- Full-proposals will be externally reviewed



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## Review Criteria

- Scientific merit
- Potential for eventual translational applications
- Innovation
- Alignment with University Strategic Goals



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# Potential Research and Developmental Areas

- Translation of previous discoveries to utility in Clinical Medicine or Applied Science
- Proof of Concept studies resulting in potential IP disclosure to the University
- High risk/high reward research seed grants
- Programs targeted toward translational Federal RFPs



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# **Basic, Advanced and Innovative Awards**

**Outcomes expected will be new and exciting opportunities for translation of ideas to practice and use that will benefit all.**



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# Basic, Advanced and Innovative Awards FAQ

- Technologies already subject to license agreement are not eligible
- OTT Research Disclosures to protect IP
- Joint PIs



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# Basic, Advanced and Innovative Awards FAQ

- One Project – One Application
- Award for one year
- PCF not required
- Work Plan



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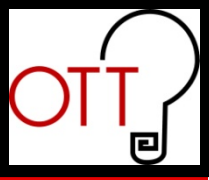
# Proposal Work Plan

- Follow NIH guidelines
  - Specific Aims
  - Background and Significance
  - Preliminary Data
  - Research Design
  - References



## Pre-Proposal Work Plan

- White Paper – proposed action on a topic of current concern.
  - Overview including impact on Clinical and Translational Science
  - Specific Aims
  - Background and Significance
  - References
  - Convince reviewer



# Tech Transfer at UofL

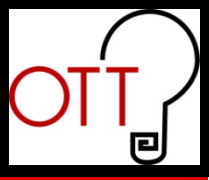
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Holly Symonds Clark, Ph.D.

*Assistant Director*

*Office of Technology Transfer*

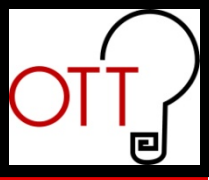
**Reporting a Discovery to UofL and  
OTT's Role in the CTSP program.**



# What is Technology Transfer?

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- *“The process of transferring scientific findings for further development and commercialization.”*
  - The process typically includes:
    - Identifying new technologies.
    - Protecting technologies with patents and copyrights.
    - Analyzing market potential.
    - Forming development and commercialization strategies such as marketing and licensing to:
      - Existing companies.
      - Start-up companies.



# OTT's Role in the POCG-CTSPP Application Process

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- OTT can help provide information for the 9 work plan questions.
- OTT attends the meetings of the review committees.
- If Research Disclosure Form (RDF): OTT will be able to provide useful information about the technology to the review committees.
- If RDF: OTT will have a record of the technology.
  - Useful for protection of technology.
  - Useful for future collaborative agreements.



# Reporting a Discovery/Invention

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## ▶ *When?*

▶ Tell OTT about anything that may be a great research development, a valuable research tool, or merely a cool idea.

▶ **LET US KNOW BEFORE YOU PUBLISH OR PRESENT \***

## ▶ *How?*

- <http://louisville.edu/thinker/for-faculty-and-staff>
  - Click on “Research Disclosure”

## TECHNOLOGY TRANSFER

you are here: [home](#) → [for faculty and staff](#) → research disclosure

## Research Disclosure



### **WHEN/WHAT do I disclose?**

Whenever a Researcher has developed something they think is truly remarkable or innovative in their research, they should disclose it to the OTT. Don't worry about whether or not you have an "Invention", we will help you figure that out.

### **HOW do I disclose?**

RESEARCH DISCLOSURE and RESEARCH MATERIALS DISCLOSURE at UofL can occur in a variety of ways:

#### ***FULL RESEARCH DISCLOSURES:***

1) Fill out the RESEARCH DISCLOSURE FORM and submit it to the OTT.

[Version 1: ONLINE DATABASE RESEARCH DISCLOSURE FORM](#) (Allows you to save as you go and track status online) or fill out the

[Version 2: WORD FORMAT RESEARCH DISCLOSURE FORM](#)

or

2) Call the OTT and schedule a meeting with a Case Manager who will work with you to fill out the RESEARCH DISCLOSURE FORM.

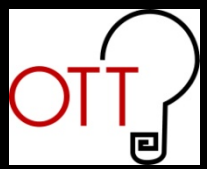
#### **RESEARCH MATERIAL DISCLOSURES:**

1) Fill out the Shortened [RESEARCH MATERIAL DISCLOSURE FORM](#) and submit to the OTT (Word version only).

**OR**

2) Call the OTT and schedule a meeting with a Case Manager who will work with you to fill out the RESEARCH MATERIAL DISCLOSURE FORM.

We look forward to hearing from and working with you!



# Important Elements of the Research Disclosure Form

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- Title and Full Description of the Technology.
- Identification of Inventors (signatures).
- Advantages/Disadvantages of Technology over current practices.
- Stage of Technology.
- Sources of Funding contributing to the Technology.
- Identification of agreements (if any) related to the Technology.
- Dates of Conception, Experimentation, and Public Disclosures.



# Evaluation of a new UofL Technology.

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- The process includes:
  - Protecting technologies through patents and copyrights.
  - Analyzing market potential.
  - Forming development and commercialization strategies such as marketing and licensing to:
    - Existing companies.
    - Start-up companies.