

NIH and the Federal Laboratory Consortium for Technology Transfer (FLC)

Presented by: Steven Ferguson and Sabarni Chatterjee, NIH Office of Technology Transfer

Overview of Federal Tech Transfer

Federal investment in R&D: *Total:* approx.: **\$140+ billion** annually. *Intramural:* approx.: **\$35+ billion** annually.

Federal technology transfer is the process by which knowledge, facilities, or capabilities developed under federal research and development (R&D) funding are utilized to fulfill public and private needs -- designed to:

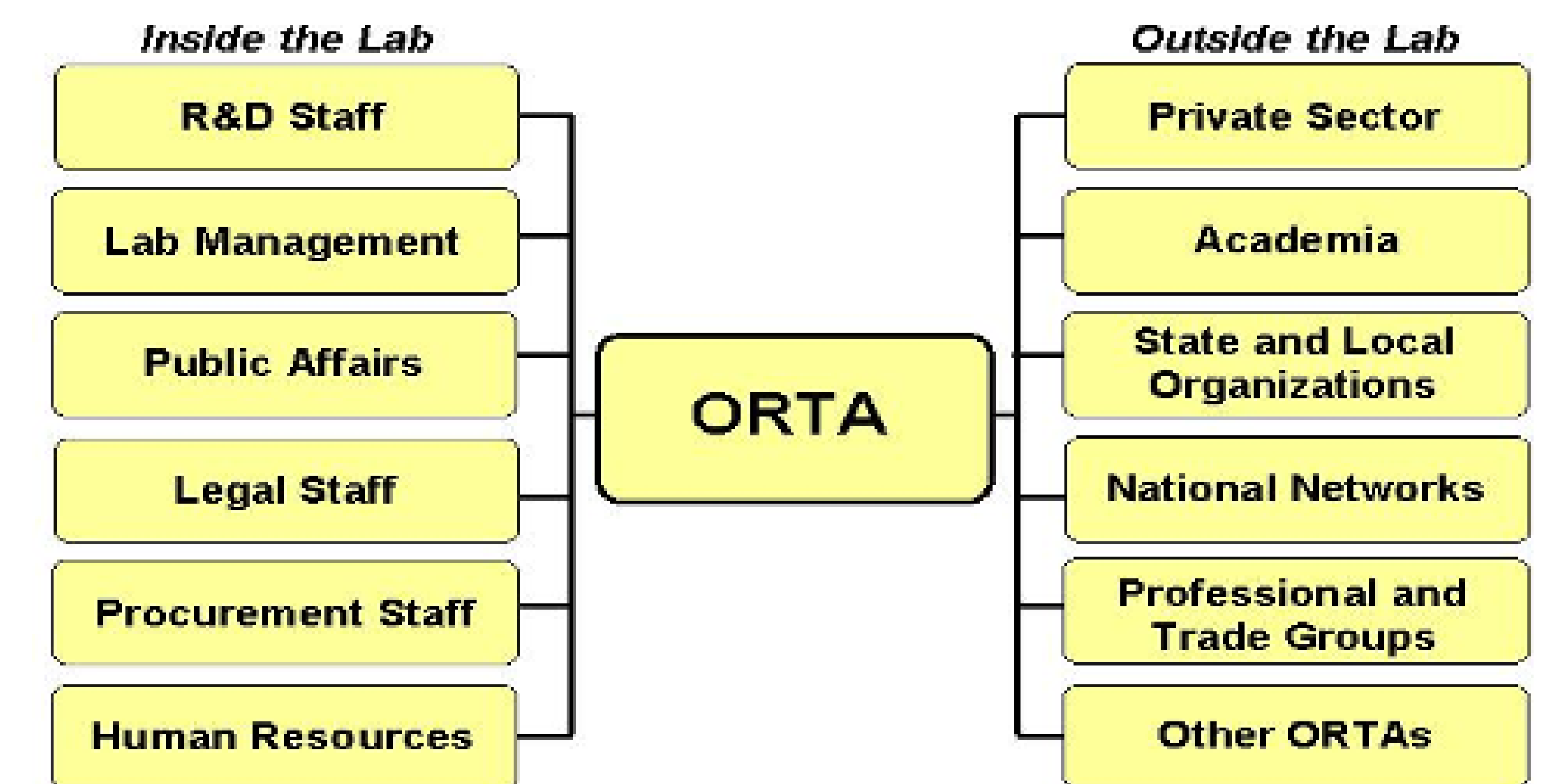
- enhance agency mission capabilities
- increase return on R&D investment
- support economic growth and development
- enhance U.S. competitiveness

****Getting the greatest bang for the federal investment in R&D****

Results of Legislative History

Bayh-Dole Act & Stevenson-Wydler Technology Innovation Act

- Technology transfer is a mission of the federal government
- ORTAs (represented at NIH by TDCs), Lab (IC) Tech Transfer Offices established
- Small businesses, universities and not-for-profits keep title to inventions made with federal funds
- Federal agencies receive greater, more flexible, patent and licensing authority
- Lab (IC) scientists can participate in royalty income
- Mechanisms and incentives to implement technology transfer, including CRADAs, etc.



What is the FLC?

The FLC:

- Formally created by Congress under the Federal Technology Transfer Act (Public Law 99-502)
- Composed of tech transfer professionals from the federal laboratories, their respective agencies, and affiliated organizations

Membership reflects:

- 18 federal departments and agencies
- Hundreds of federal government R&D laboratories and centers
- \$ billions annual budget
- > 100,000 scientists & engineers

Primary Activities:

- Education and Training
- Sharing Best Practices/Networking
- Professional Recognition
- Communications and Coordination



FLC Awards

The FLC awards federal labs and their industry partners each year for outstanding technology transfer achievements. The FLC awards are known to be some of the **most prestigious** within the technology transfer field and serve as a symbol of recognition for phenomenal technological efforts. The NIH has been honored to win many FLC awards over the years, so we **highly encourage you to submit!** You can see NIH's FLC and other tech transfer awards:



Resources on FLC Web Site



LEARNING CENTER

Accelerate your T2 education with our extensive training and resource materials.



Points of Contact

- Agency TTOs, >300 Lab TTOs

Locate Technologies & Capabilities

- FLC Businesses, Tech Locator Service, Available Technologies

Training and Education

- Learning Center, Webinars, etc.

Reference Materials

- Green Book, Desk Reference

News & General Information

NIH FLC Contacts

NIH Agency Rep

Tara Kirby

tara.kirby@nih.gov

NIH OD Lab Rep

Steven Ferugson

sf8h@nih.gov

federallabs.org

Example of FLC Award Received by NIH

Immunotherapy for Rare Childhood Cancer

The technology (Unituxin™) is the first approved therapy for pediatric high-risk neuroblastoma, a rare cancer that most often occurs in young children – FDA approved March 2015.

The approval was the result of a collaborative effort between the National Cancer Institute (NCI), NCI grantee: the Children's Oncology Group, and United Therapeutics Corporation (UTC).

The NCI tech transfer played a vital role – identifying research partners, negotiating a CRADA and other tech transfer agreements necessary to support this commercialization effort.

