

Federal Technology Transfer Mechanisms Matrix

A reference guide to technology transfer mechanisms websites



FEDERAL LABORATORY CONSORTIUM
FLC
FOR TECHNOLOGY TRANSFER

About the Matrix

In order to facilitate the technology transfer efforts of the various federal laboratories, the Education and Training Committee of the Federal Laboratory Consortium for Technology Transfer (FLC) has developed this reference tool, which identifies a cross-section of technology transfer mechanisms and by federal agencies. The matrix identifies a wide variety of mechanisms, the agencies that use them, and Internet links to agency websites where information about each agency's use of the mechanism and samples of mechanisms can be found. *Note:* If you are aware of any technology transfer mechanisms or websites that have not been identified in the Technology Transfer Mechanisms Matrix, itrs.com.

Listing by Mechanism

Mechanism	Agency	Website
Application for License to Public Health Service Inventions	NIH	www.cdc.gov/od/science/techTran/forms/
Biological Materials License Agreement	NIH	www.cdc.gov/od/science/techTran/forms/
Clinical Trial Agreement	NIH	http://ttb.nci.nih.gov/forms
Clinical Trial CRADA	Veterans Affairs(VA)	www.research.va.gov/programs/tech_transfer/model_agreements/default.cfm
Clinical Trials CRADA	NIH	www.cdc.gov/od/science/techTran/forms/
Collaborative Technology Alliances	DOD-Army	www.arl.army.mil/main/Main/default.cfm?Action=6
Commercial Evaluation License Agreement	NIH	www.cdc.gov/od/science/techTran/forms/
Commercial Test Agreement	Air Force	www.wpafb.af.mil/shared/media/document/AFD/070905-015.pdf
Confidential Disclosure Agreement (CDA)	NIH VA	http://ttb.nci.nih.gov or www.cdc.gov/od/science/techTran/forms/ www.research.va.gov/programs/tech_transfer/model_agreements/default.cfm
Confidentiality (Nondisclosure) Agreements	NIST Dept. of Agriculture (USDA)	http://patapsco.nist.gov/ts/220/external/index.htm www.ars.usda.gov/business
Contributions	Department of the Interior (DOI)	www.usgs.gov/tech-transfer/handbk.html
Cooperative Agreement	NASA U.S. Joint Forces Command	http://techtransfer.gsfc.nasa.gov/lic-partnerships.html www.jfcom.mil/about/industry.htm
Cooperative Research	Dept. of Transportation (DOT)	www.trb.org/crp/about/divd.asp

Mechanism	Agency	Website
Cooperative Research & Development Agreement (CRADA)	NASA EPA VA DOT DOI NIH DOE (GOCO) DOE (GOGO) NIST USDA Army Navy Air Force	http://techtransfer.gsfc.nasa.gov/lic-partnerships.html www.epa.gov/osp/ftta.htm www.research.va.gov/programs/tech_transfer/model_agreements/default.cfm www.tc.faa.gov/technologytransfer/tcrdaover.html or www.volpe.dot.gov/ourwork/crada.html www.usgs.gov/tech-transfer/handbk.html http://ttb.nci.nih.gov http://www.lanl.gov/orgs/tt/pdf/partnering/crada.pdf www.netl.doe.gov/business/crada/crada.html http://patapsco.nist.gov/ts/220/external/index.htm www.ars.usda.gov/business/ www.arl.army.mil/main/Main/default.cfm?Action=6 www.onr.navy.mil/sci_tech/3t/transition/tech_tran/crada.asp www.wpafb.af.mil/shared/media/document/AFD-07095-013.pdf
Cooperative Research & Development Agreement (CRADA)	U.S. Joint Forces Command	www.jfcom.mil/about/fact_crada.html
Cooperative Technology Administration Agreement (CTAA)	VA	www.research.va.gov/programs/tech_transfer/model_agreements/default.cfm
CRADA Letter of Intent	NIH	www.cdc.gov/od/science/techTran/forms/
Educational Partnership Agreements	Army Air Force	www.arl.army.mil/main/Main/default.cfm?Action=6 www.wpafb.af.mil/shared/media/document/AFD-07095-017.pdf
Employee Invention Report	NIH	http://ttb.nci.nih.gov/forms
Facility Use	NIST	http://patapsco.nist.gov/ts/220/external/index.htm
Grants	EPA DOE DOT NASA U.S. Joint Forces Command	www.epa.gov/osp/ftta.htm www.grants.gov/ www.grants.gov http://techtransfer.gsfc.nasa.gov/lic-partnerships.html www.jfcom.mil/about/industry.htm
Guest Researcher Agreement	NIST	http://patapsco.nist.gov/ts/220/external/index.htm
IDEA Programs	DOT	www.trb.org/studies/programs/idea.asp
Independent Research & Development (IR&D)	DOD	www.acq.osd.mil/ott/programs.html
Independent Research & Development (IR&D)	Air Force	www.afrl.af.mil/ird_index.asp

Mechanism	Agency	Website
Intergovernmental Personnel Agreements	NIST	http://patapsco.nist.gov/ts/220/external/index.htm
International Collaborative Activities	Army	www.arl.army.mil/main/Main/default.cfm?Action=6
Invention Disclosures	DOE	www.netl.doe.gov/business/patents/active_patents.html
Joint Funding Agreement (JFA)	DOI	www.usgs.gov/tech-transfer/handbk.html
Letter of Intent (LOI) for CRADA	NIH	http://ttb.nci.nih.gov
License Agreement	NIH	http://intramural.nimh.nih.gov/techtran/ott_forms.html
License Information	USDA DOE	www.ars.usda.gov/business/ http://www.lanl.gov/orgs/tt/license/
Materials CRADA	NIH	http://ttb.nci.nih.gov/forms/
Material Transfer Agreement	VA NIH NIST USDA	www.research.va.gov/programs/tech_transfer/model_agreements/default.cfm www.cdc.gov/od/science/techtran/forms/ http://patapsco.nist.gov/ts/220/external/index.htm www.ars.usda.gov/business/
Material Transfer CRADA	VA	www.research.va.gov/programs/tech_transfer/model_agreements/default.cfm
MOU/MOA	DOI NIH USDA	www.usgs.gov/tech-transfer/handbk.html http://ttb.nci.nih.gov/ www.ars.usda.gov/business/
Multiparty CRADA	NIH	www.cdc.gov/od/science/techtran/forms/
Nondisclosure Agreement	DOE NIST	http://www.lanl.gov/orgs/tt/pdf/partnering/bi_draft.pdf http://patapsco.nist.gov/ts/220/external/index.htm
Partnership Opportunities	DOT DOE	www.faa.gov/education_research/reseach/modernization_highlights/costsharing_opportunities/ http://www.lanl.gov/orgs/tt/partnering/
Partnerships	DOT	http://scitech.dot.gov/partners/
Patent	NASA EPA	http://techtransfer.gsfc.nasa.gov/lic-partnerships.html www.epa.gov/osp/ftta.htm

Mechanism	Agency	Website
Patent	VA DOT DOI DOE NIST Army Navy Air Force	www.research.va.gov/programs/tech_transfer/model_agreements/default.cfm www.tc.faa.gov/technologytransfer/ttpatents.htm www.usgs.gov/tech-transfer/handbk.html http://www.netl.doe.gov/business/patents/active_patents.html http://patapsco.nist.gov/ts/220/external/index.htm www.arl.army.mil/main/Main/default.cfm?Action=6 www.onr.navy.mil/sci_tech/3t/transition/tech_tran/patent.asp www.e-publishing.af.mil/shared/media/epubs/AFI51-303.pdf
Patent Assignment	Air Force	www.e-publishing.af.mil/shared/media/epubs/AFI51-303.pdf
Patent License Agreement/Patent License/ Licensing	NASA EPA VA DOI NIH NIST Army Navy	http://techtransfer.gsfc.nasa.gov/lic-partnerships.html www.epa.gov/osp/ftta.htm www.research.va.gov/programs/tech_transfer/model_agreements/default.cfm www.usgs.gov/tech-transfer/handbk.html www.cdc.gov/od/science/techtran/forms/ http://patapsco.nist.gov/ts/220/external/index.htm www.arl.army.mil/main/Main/default.cfm?Action=6 www.onr.navy.mil/sci_tech/3t/transition/tech_tran/patent.asp
Personnel Exchange	DOE	www.eere.energy.gov/inventions/energytechnet/resources/resultdetails/799
Research Fellowship	DOI	www.usgs.gov/tech-transfer/handbk.html
Researcher Arrangements	NIST	http://patapsco.nist.gov/ts/220/external/index.htm
Small Business Innovation Research (SBIR)	DOT EPA NASA DOD Air Force Missile Defense Agency	www.volpe.dot.gov/sbir www.epa.gov/osp/ftta.htm http://sbir.gsfc.nasa.gov/SBIR/SBIR.html www.acq.osd.mil/ott/programs.html www.wpafb.af.mil/library/factsheets/factsheet.asp?id=5560 www.winmda.com/
Space Act Agreement	NASA	http://techtransfer.gsfc.nasa.gov/lic-partnerships.html
Technical Assistance	NIST	http://patapsco.nist.gov/ts/220/external/index.htm
Technical Innovation Agreement	U.S. Joint Forces Command	www.jfcom.mil/about/industry.htm
Technology Transition Initiative (TTI)	DOD	www.acq.osd.mil/ott/programs.html

Mechanism	Agency	Website
Test Services Agreement	Army	www.arl.army.mil/main/Main/default.cfm?Action=6
Trust Fund and Reimbursable Cooperative Agreements	USDA	www.ars.usda.gov/business/
Unique Facilities	Navy	www.onr.navy.mil/sci_tech/3t/transition/tech_tran/exp_facil.asp
User Facilities	DOE Army	www.science.doe.gov/Scientific_User_Facilities/ www.arl.army.mil/main/Main/default.cfm?Action=6
VA Funding Agreement	VA	www.research.va.gov/programs/tech_transfer/model_agreements/default.cfm
Work for Others	DOI DOE	www.usgs.gov/tech-transfer/handbk.html www1.eere.energy.gov/industry/financial/wfo.html

Listing by Agency

Agency	Mechanism	Website
Air Force	Commercial Test Agreement	www.wpafb.af.mil/shared/media/document/AFD-070905-015.pdf
	Cooperative Research & Development Agreement (CRADA)	www.wpafb.af.mil/shared/media/document/AFD-070905-013.pdf
	Educational Partnership Agreement	www.wpafb.af.mil/shared/media/document/AFD-070905-017.pdf
	Independent Research & Development (IR&D)	www.e-publishing.af.mil/shared/media/epubs/AFI51-303.pdf
	Patent	
	Patent License Agreement (PLA)	www.wpafb.af.mil/shared/media/document/AFD-070905-018.pdf
Army	Small Business Innovation Research (SBIR)	www.e-publishing.af.mil/shared/media/epubs/AFI51-303.pdf
	Patent Assignment	www.arl.army.mil/main/Main/default.cfm?Action=6
	Collaborative Technology Alliance	www.arl.army.mil/main/Main/default.cfm?Action=6
	Cooperative Research & Development Agreement (CRADA)	www.arl.army.mil/main/Main/default.cfm?Action=6
	Educational Partnership Agreement	www.arl.army.mil/main/Main/default.cfm?Action=6
	International Collaborative Activities	www.arl.army.mil/main/Main/default.cfm?Action=6
	Patent	www.arl.army.mil/main/Main/default.cfm?Action=6
Patent License Agreement/Patent License/Licensing	www.arl.army.mil/main/Main/default.cfm?Action=6	
Test Services Agreement	www.arl.army.mil/main/Main/default.cfm?Action=6	
User Facilities	www.arl.army.mil/main/Main/default.cfm?Action=6	

Agency	Mechanism	Website
Department of Defense (DOD)	Independent Research & Development (IR&D) Small Business Innovation Research (SBIR) Technology Transition Initiative (TTI)	www.acq.osd.mil/ott/programs.html www.acq.osd.mil/ott/programs.html www.acq.osd.mil/ott/programs.html
Department of Energy (DOE)	Cooperative R&D Agreement (CRADA) (GOGO) Cooperative R&D Agreement (CRADA) (GOCO) Grant Invention Disclosures Patent License Information Personnel Exchange Partnership Opportunities User Facilities Work for Others	www.netl.doe.gov/business/crada/crada.html www.lanl.gov/orgs/tt/pdf/partnering/crada.pdf www.grants.gov/ www.netl.doe.gov/business/patents/active_patents.html http://www.netl.doe.gov/business/patents/active_patents.html www.lanl.gov/orgs/tt/license/ www.eere.energy.gov/inventions/energytechnet/resources/resultdetails/799 www.lanl.gov/orgs/tt/partnering/ www.science.doe.gov/Scientific_User_Facilities/ www1.eere.energy.gov/industry/financial/wfo.html
Department of the Interior (DOI)	Contributions Cooperative Research & Development Agreement Joint Funding Agreement (JFA) MOU Nondisclosure Agreement Patent Patent License Agreement/Patent License/Licensing Research Fellowship User Facilities Work-for-Others	www.usgs.gov/tech-transfer/handbk.html www.usgs.gov/tech-transfer/handbk.html www.usgs.gov/usgs-manual/im/aps2004-02attachment.pdf www.usgs.gov/mou/ www.usgs.gov/tech-transfer/handbk.html www.usgs.gov/tech-transfer/handbk.html www.usgs.gov/tech-transfer/handbk.html www.usgs.gov/tech-transfer/handbk.html www.nps.gov/interp/nasa/npsfund.html www.usgs.gov/tech-transfer/handbk.html www.usgs.gov/tech-transfer/handbk.html
Department of Transportation (DOT)	Cooperative Research Cooperative Research & Development Agreement Grant IDEA Programs Partnership Opportunities Partnerships Patent Patent License Agreement/Patent License/Licensing Small Business Innovation Research (SBIR)	www.trb.org/crp/about/divd.asp www.tc.faa.gov/technologytransfer/ttcraoover.html www.grants.gov/ www.trb.org/studies/programs/idea.asp www.faa.gov/education_research/research/modernization_highlights/costsharing_opportunities/ http://scitech.dot.gov/partners/ www.tc.faa.gov/technologytransfer/ttpatents.html http://tmip.fhwa.dot.gov/transims/download_transims/files/3_1_1/license_agreement.stm www.volpe.dot.gov/sbir

Agency	Mechanism	Website
Environmental Protection Agency (EPA)	Cooperative Research & Development Agreement Grant Patent Patent License Agreement/Patent License/Licensing Partnership Opportunities Small Business Innovation Research (SBIR)	www.epa.gov/osp/ftta.htm www.epa.gov/epahome.grants www.epa.gov/osp/ftta.htm www.epa.gov/osp/ftta.htm www.htfws.org/etprograms/opportunities www.epa.gov/osp/ftta.htm
Missile Defense Agency	Small Business Innovation Research (SBIR)	www.winmda.com
National Aeronautics & Space Administration (NASA)	Cooperative Agreement Cooperative Research & Development Agreement Grant Patent Patent License Agreement/Patent License/Licensing Small Business Innovation Research (SBIR) Space Act Agreement	http://techtransfer.gsfc.nasa.gov/lic-partnerships.html http://techtransfer.gsfc.nasa.gov/lic-partnerships.html http://techtransfer.gsfc.nasa.gov/lic-partnerships.html http://techtransfer.gsfc.nasa.gov/lic-partnerships.html http://techtransfer.gsfc.nasa.gov/lic-partnerships.html http://sbir.gsfc.nasa.gov/SBIR/SBIR.html http://techtransfer.gsfc.nasa.gov/lic-partnerships.html
Navy	Cooperative Research & Development Agreement Patent Patent License Agreement/Patent License/Licensing Unique Facilities	www.onr.navy.mil/sci_tech/3t/transition/tech_tran/crada.asp www.onr.navy.mil/sci_tech/3t/transition/tech_tran/patent.asp www.onr.navy.mil/sci_tech/3t/transition/tech_tran/patent.asp www.onr.navy.mil/sci_tech/3t/transition/tech_tran/exp_facil.asp
National Institutes of Health	Application for License to Public Health Service Inventions Biological Materials License Agreement Clinical Trial Agreement Clinical Trials CRADA Commercial Evaluation License Agreement Confidential Disclosure Agreement (CDA) Cooperative Research & Development Agreement CRADA Letter of Intent Employee Invention Report Letter of Intent for CRADA License Agreement Materials CRADA Material Transfer Agreement MOU/MOA Multiparty CRADA Patent License Agreement/Patent License/Licensing	www.cdc.gov/od/science/techTran/forms/ www.cdc.gov/od/science/techTran/forms/ http://ttb.nci.nih.gov/forms www.cdc.gov/od/science/techTran/forms/ www.cdc.gov/od/science/techTran/forms/ www.cdc.gov/od/science/techTran/forms/ http://ttb.nci.nih.gov www.cdc.gov/od/science/techTran/forms/ http://ttb.nci.nih.gov/forms http://ttb.nci.nih.gov http://intramural.nimh.nih.gov/techtran/ott_forms.html http://ttb.nci.nih.gov/forms/ www.cdc.gov/od/science/techtran/forms/ http://ttb.nci.nih.gov/ www.cdc.gov/od/science/techtran/forms/ www.cdc.gov/od/science/techtran/forms/

About the FLC

The Only Government-wide Forum for Technology Transfer

The Federal Laboratory Consortium for Technology Transfer (FLC), a nationwide network of over 200 federal laboratories, is the only government-wide forum for technology transfer (T2). Organized in 1974 and formally chartered by the Federal Technology Transfer Act of 1986, the FLC provides the framework for developing T2 strategies and opportunities by promoting and facilitating technical cooperation among federal laboratories, industry, academia, and state and local governments. As the recognized leader in maximizing collaborative research for the transfer of technologies, the FLC enhances the socioeconomic well-being of the nation in the global marketplace.

www.federallabs.org

The FLC website makes it easy to find people, capabilities, and applications within the FLC's network of federal labs and centers. The site publicizes T2 news and technology trends, and provides a gateway to FLC products and services.

Technology Locator

The Technology Locator is a free service that provides one-to-one personalized assistance locating federal laboratories ready to transfer their technologies to the marketplace and bringing these laboratories together for collaborative R&D.

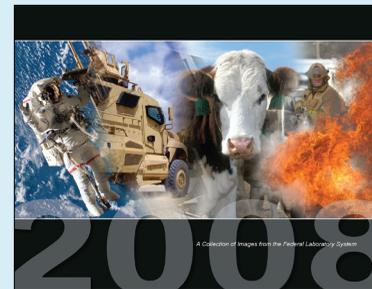
Education and Training

The FLC provides education and training on all aspects of T2 to laboratory personnel. This service includes fundamentals, intermediate, and advanced training courses offering continuing education units (CEUs); a wide range of publications and resources; a training resources database; and an online T2 curriculum.

FLC Awards Program

The FLC honors technology transfer excellence through its awards program. Each year, the FLC recognizes those who advance federal technology and expertise to the marketplace.

FLC Publications



2008 FLC Calendar



Technology for Today



FLC NewsLink



FLC Technology Transfer Desk Reference

FLC Education and Training

The FLC is committed to providing technology transfer professionals, researchers, and members of industry with the tools and services needed to further professional development. Below are several FLC resources that help meet this goal. For more information about these services, visit www.federallabs.org/education.



Technology Transfer Training Resources Database

The revised and updated Technology Transfer Training Resources Database (T² TRDB) provides current information about a wide variety of education and training resources available to federal laboratory personnel and other practitioners of technology transfer. These resources include formal and informal training, conferences and meetings, workshops and seminars, classroom and online courses, and undergraduate and graduate programs.



FLC Technology Transfer Desk Reference

The Technology Transfer Desk Reference provides a comprehensive introduction to technology transfer and the background, concepts, and practical knowledge required for technology transfer practitioners, whether in government or industry, to facilitate the transfer of federally funded technologies from the laboratory to the marketplace.



T² Training Video Presentations

This 11-DVD set contains over 20 hours of video presentations covering topics such as intellectual property, CRADAs, and harvesting the value of innovation.

The FLC has created this 21-hour, 11-DVD, 3-CD set containing 14 video courses covering a variety of technology transfer topics presented by subject-matter experts from industry and government.

Training Sets

- Technology Transfer Fundamentals Training - \$50.00
- Technology Transfer Intermediate Training - \$50.00
- Technology Transfer Advanced Training - \$50.00
- Complete Boxed Set of Training Videos - \$140.00

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or sboardman@utrs.com

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The Federal Laboratory Consortium for Technology Transfer (FLC), a nationwide network of over 250 federal laboratories, is the only government-wide forum for technology transfer (T²). Organized in 1974 and formally chartered by the Federal Technology Transfer Act of 1986, the FLC provides the framework for developing T² strategies and opportunities by promoting and facilitating technical cooperation among federal laboratories, industry, academia, and state and local governments.

As the recognized leader in maximizing collaborative research for the transfer of technologies, the FLC enhances the socioeconomic well-being of the nation in the global marketplace.

Industry, government, and academic personnel looking to strengthen their T² capabilities to capitalize on the nation's investment, better their position in the marketplace, or research technology can look to the FLC to foster the rapid movement of federal laboratory research results into the mainstream of the U.S. economy. The FLC advances T² by expanding communication among industry, government, and academia. The FLC's website, Technology Locator, *T² Desk Reference*, *FLC NewsLink*, trade show exhibits, awards program, education and training publications, and network of experts are only a few of the tools it provides for successful T².

The FLC is a consortium driven by the dedicated people of the federal laboratory system.

These people are the scientists, agency representatives, and T² professionals who transfer federally funded technology and expertise to the marketplace. Serving as a gateway for industry, government, and academia to access research and development, the FLC also serves as a resource for T² education and training, news, programming, awards, and initiatives.



FLC Management Support Office
950 North Kings Highway, Suite 208
Cherry Hill, NJ 08034
856-667-7727
856-667-8009 fax
www.federallabs.org