

Subject: FLC Digest: New Podcast on Military Medical Breakthroughs, Partnering Opportunities, Labs in Action video, Open Calls, Events and More!

Date: Tuesday, August 20, 2024 at 10:02:55 AM Eastern Daylight Time

From: Federal Laboratory Consortium for Technology Transfer

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Upcoming events, tech transfer news and more!

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FLC Updates



- [Submit your topics](#) for the 2025 FLC National Meeting by Sept. 30!
- **TOMORROW:** Explore Lincoln Laboratory Facilities: Autonomous Systems Development Facility on [August 21 at 2 p.m. ET](#)
- Discover how to be a change agent with 2024 FLC National Meeting keynote Carmen Medina on [August 28 at Noon ET](#)
- Learn about the USPTO's regional activities in the [Member Connect](#) on September 4 at 2 p.m. ET.
- Celebrate your lab's T2 successes by submitting for the [2025 FLC Awards!](#)
- Spotlight your commercialized technologies in the FLC's immersive virtual city, LabTech in Your Life. Check out the new school tour and [submit your technologies now!](#)

Tune in to the FLC Podcast



The Transfer Files: Commercializing Military Medical Breakthroughs With Edward Diehl



Edward Diehl, PhD, discusses how his office focuses on



Edward Diehl, PhD, discusses how his office focuses on "assistive technology transfer" with a strong emphasis on partnerships. Listen to the podcast for an eye-opening look at how military medicine is revolutionizing healthcare for everyone. [Listen and share on our website](#), [YouTube](#), [Apple](#), [Spotify](#) or your favorite podcast platform.

Call for Topics!



News You Can Use



- [PRBio Tech Hubs Receives \\$500K Award from Federal Government](#)
- [Pentagon Chief Technologist Argues Case for Rapid Experimentation Fund](#)
- [Researchers at LLNL Confirm Importance of Symmetry in Pre-Ignition Fusion Experiments](#)
- [Ivy Tech Bloomington and NSWC Crane See Early Success from Recently Launched Tech Transfer Course](#)
- [DOE Announces 2024 Office of Science Distinguished Scientist Fellows and Lecture Series](#)
- [DOD Seeking Solutions for the Proliferation of Autonomous Vehicles](#)
- [Two LLNL Researchers Named to Optica's 2024 Class of Senior Members](#)
- [NREL Buildings Research Is Helping US Navy Make Energy Efficiency Improvements](#)
- [DUNE Scientists Observe First Neutrinos with Prototype Detector at Fermilab](#)
- [DHS S&T Invites Scientific and Technical Communities to Propose Research and Development Projects that Support National Security](#)
- [\\$2 Million Federal Grant will Establish 'Aerospace Innovation Hub' in Kern County, California](#)
- [SpaceWERX Unveils Latest Innovate to Accelerate Cohort for Aerospace Tech Innovations](#)



FLC Photo of the Week



Photo of the Week: [SNAP Cable](#)

The SNAP Cable is a device for rapidly sharing sensor data on radiological, chemical and biological threats among warfighters in the field and their commanders. This new cable technology, developed by US Army DEVCOM Chemical

Biological Center, can be used to transmit sensor



data over a radio or computer network.



Photo credit: U.S. Army, Ellie White

The Photo of the Week visually showcases the exciting work federal labs do every day! [Read more about this week's featured lab and technology.](#)

FLC Spotlights



Did you know? Low rainfall and drought hurt crop yields and economies, but a new U.S. Department of Agriculture technology uses electrostatic cloud seeding to boost rainfall without chemicals. This method can double precipitation compared to conventional techniques, benefiting agriculture, boosting the economy by millions of dollars, and reducing reliance on strained aquifers. [Learn more here.](#)

Spread the news and share your T2 success through [Labs in Action](#) and [FLC Awards](#).

Partnering Opportunities



- [Innovative research to understand long-term breeding effects on corn hybrids.](#) Corteva is open to partnering with scientists and institutions with expertise in plant breeding, agronomy, ecology, crop physiology, plant biology, climate change, molecular biology, food science or any related discipline. Up to \$75,000 is available. Apply by September 30th. [Learn more.](#)
- [Strategies to lower microbial load in wheat flour.](#) A Fortune 500 company is seeking innovative solutions to improve the microbiological load. Up to \$50,000 for proof of concept, with the potential for follow-on funding. Apply by Sept. 30. [Learn more.](#)

• [Scalable and cost-effective mono-hydrolysis of relevant process chemistry building blocks](#)

- [Scalable and cost-effective mono-hydroxylation of relevant process chemistry building blocks](#). Corteva is seeking a plan for a scalable, selective and cost-effective process for mono-hydroxylation of readily synthetic building blocks. Up to \$100,000 in funding is available, with opportunities for extended collaboration and additional funding. Apply by Sept. 30. [Learn more](#).
- [Fast-acting treatments for ingrown hair prevention and relief](#). A consumer goods company is looking for innovative solutions that address ingrown hairs faster than current treatment methods. Apply by Sept. 30. [Learn more](#).
- [Non-odoriferous topical formulations for hair removal](#). A consumer goods company is seeking innovative solutions to develop the next-generation hair removal topical formulation with an alternative to thioglycolic acid that is both effective and non-malodorous. Apply by Sept. 30. [Learn more](#).
- [Herbicide enabling technologies](#). UPL is looking for innovative ideas that enable existing herbicides to be used in new ways through improvements in performance, selectivity, novel combinations, formulation stability or handling. Funding is proposal dependent, but a proposal may receive \$50,000 - \$200,000 with the potential for follow-on funding. Apply by Oct. 31. [Learn more](#).
- [Regulatory path to commercial food attractants for indoor bugs](#) (Request for Experts). Procter & Gamble is seeking subject matter experts who specialize in regulatory requirements for food-based attractants for indoor insects, with a focus on formulation, product claims, and manufacturing requirements. Apply by Sept. 30. [Learn more](#).
- [Enhancing muscle function & mobility in aging populations through nutrition](#) (Request for Experts). Nestlé is seeking subject matter experts who specialize in formulating dietary solutions that enhance muscle health and support healthy aging, specifically those with experience in conducting clinical trials to validate the efficacy claims of dietary solutions. Apply by Aug. 31. [Learn more](#).
- [Promoting heart health in aging women through nutrition](#) (Request for Experts). Nestlé is seeking subject matter experts who specialize in developing and testing dietary solutions aimed at supporting cardiovascular health during the perimenopausal and menopausal stages. The deadline to apply is August 31st. [Learn more](#).
- [Air quality and noise reduction in an industrial laboratory](#). Tata Steel is looking to collaborate with global experts to explore solutions to reduce noise levels (<60 dB) and contain fugitive emissions for easier collection and removal. Apply by Sept. 30. [Learn more](#).
- [Material and process improvements for eliminating metal particulates in fibre drum production](#). A manufacturing company is looking for technologies to either modify the materials used for chimes or to improve or replace the methods of production to help eliminate the production of debris or its presence in the packaging. Apply by Sept. 30. [Learn more](#).
- [Creating the next generation of lightweight bottles](#). Procter & Gamble is looking for solutions that enable 25+% light weighting of HDPE and PET bottles, while maintaining package overall strength. Apply by Sept. 30. [Learn more](#).
- [Device design optimization and assembly line automation](#) (Request for Experts). Procter & Gamble is seeking subject matter experts to accelerate device manufacturing lines via industrial design, molding, pilot testing and advanced manufacturing equipment. Apply by Sept. 30. [Learn](#)

[more.](#)

LabTech in Your Life



E & T



[A Micro-credential to Enhance Cyber Awareness for Technicians in](#)

[Robotics/Automation/Mechatronics](#)

August 20, 2024, 1 p.m. ET

[DHS S&T Long Range Broad Agency Announcement Industry Day 2024](#)

August 21, 2024, 10 a.m. ET

[ATI Education | Benefits that Benefit](#)

August 21, 2024, 1 p.m. ET

[Structural Biology as a Tool: Unlocking Molecular Mechanisms and Therapeutic Innovations](#)

August 22, 2024, 8 a.m. ET

["From the Sources' Mouth" with USDA](#)

August 22, 2024, 11 a.m. ET

[US Patent and Trademarks Series: Maintaining Your Federal Trademark Registration](#)

August 28, 2024, 2 p.m. AT

Jobs



[Director of the Office of Patent Training](#)

U.S. Patent and Trademark Office

[Technology Center Group Director](#)

U.S. Patent and Trademark Office

[Principal Technical Manager for Special Warfare & Expeditionary Systems Department](#)

Naval Sea Systems Command

[Civil Engineer/Agricultural Engineer](#)

U.S. Department of Agriculture

[Operations Research Analyst](#)

Department of the Air Force

[Director, Defense Research Enterprise](#)

Department of Defense

[Cybersecurity Policy - Technical](#)

Department of Homeland Security

[Winning Business Through the SBIR / STTR Program](#)

August 28, 2024, Noon CT

[National Cancer Institute at Frederick 2024 Technology Showcase](#)

September 4, 2024, Frederick, MD

[Participating in DoD's SBIR/STTR Programs](#)

September 5, 2024, 9 a.m. CT

[FireWorks Conference Presented by the MEP National Network](#)

September 16 – 18, 2024, Cleveland, OH

[NSF Proposal Preparation Intensive](#)

September 18, 2024, 9:30 a.m. ET

[See More Jobs](#)



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