



FLC NEWS LINK

Federal Laboratory Consortium for Technology Transfer
The Only Government-wide Forum for Technology Transfer

T² Events

FLC Southeast
Regional Meeting
Charleston, S.C.
Sept. 17-19, 2003

Technologies for Public
Safety & Critical
Incident Response Expo
St. Louis, Mo.
Sept. 23-25, 2003

FLC Northeast/Midwest
Joint Reg. Meeting
New York, N.Y.
Oct. 1-3, 2003

International Biotech &
Infotech Summit East
Washington, D.C.
Oct. 20-21, 2003

2003
NASVF Conference
Baltimore, Md.
Nov. 2-5, 2003

CMMI
Technology Conference
Denver, Colo.
Nov. 17-20, 2003

Go to:
<www.federallabs.org>
for a complete
calendar of events

T² Fact

The neon light was
invented by Dr. Perley
G. Nutting, a
government scientist,
and exhibited at the
1904 Louisiana
Purchase Exposition in
St. Louis, Missouri -
fifteen years before
neon signs became
widely used
commercially.

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T² Training a High Priority for FLC

The Federal
Laboratory
Consortium (FLC)
Education and
Training (E&T)
Committee, under the
leadership of
Committee Chair
Lynn Murray, is
completing a year
marked by
significant progress
and accomplishment in the committee's
efforts to provide high-quality,
professional-level technology transfer



(T²) training
courses and
materials to
federal
laboratory
personnel. The
committee's
efforts
culminated in
early May 2003
as it supported
the FLC annual
meeting in Tucson by developing and
implementing well-received
fundamental and advanced T² training

courses, as
well as
workshops on
issues
concerning
CRADAs and
licensing
federal
laboratory-
developed
technology.



E&T Committee
Chair Lynn Murray

Kicking off
FLC national
meeting activities on May 5, 2003,
See E&T, High Priority, page 4

More Energy, Less Environmental Impact

Lawrence Berkeley Takes Lead in Federal Environmental Research

The World Technology Network
(WTN) has announced that **Lawrence
Berkeley National Laboratory's**
(LBNL) Environmental
Energy Technologies
Division (EETD) has
won the 2003 World
Technology Award for
Energy in the corporate
category.

Selection as a winner
also means that LBNL's
EETD has been elected as a
corporate member of the
WTN. The competition this
year included more than 50
innovative companies and
organizations involved in
creating technologies that
have impacts in the real
world.

The winners were
announced on June 25 at a
ceremony in San
Francisco. The awards honor individuals
and corporations from 20 technology-
related sectors selected by their peers as
being the innovators doing work of the

"We're very pleased to have our nearly 30-year
history of research on energy efficient technology and
environmental impacts recognized by the World
Technology Network." - Mark Levine, Director of EETD

ethics, design and entertainment.

The mission of LBNL's EETD is to
perform research and development
leading to better energy technologies

that reduce adverse energy-related
environmental impacts. Its work
increases the efficiency of energy
use, reduces its environmental
effects, provides the nation
with environmental benefits,
and helps developing nations
achieve similar goals through
technical advice. The
majority of the research and
technology development in
the division is supported by
the Energy Efficiency and
Renewable Energy Program
of the U.S. Department of
Energy.

The WTN is a London-
based organization that was
created to "encourage
serendipity" (happy accidents)
among those individuals and
companies deemed by their
peers to be the most innovative
in the technology world.

"We're very pleased to have our
nearly 30-year history of research on
energy efficient technology and
See Environmental Impact, page 4

DC Dispatch

Patent Office
Faces Changes,
Feds May Tighten Grip
on R&D Ownership

by Dave Appler

FLC Washington, DC Representative

For much of this spring, Congress was
tied up with the large supplemental
appropriation for the Iraq war and
the large tax cut bill. Since both of
these had an
impact on target
levels for future
spending works on
FY04,



Dave Appler

authorization and
appropriation bills were both delayed.
That logjam has now broken loose.

See DC Dispatch, page 5

Lab in the Limelight

Federal Research for Human Health,
Ecosystem Integrity

The **National Health and Environmental Effects Research Laboratory**
(NHREEL) is the Environmental Protection Agency's (EPA) focal point for
scientific research on the effects of contaminants and environmental stressors on
human health and ecosystem integrity. Its research mission and goals help the

agency to
identify
and under-
stand the
processes

that affect our health and environment, as well as
to evaluate the risks that pollution poses to
humans and ecosystems. By enabling state and local governments to implement
effective environmental programs, assisting industry in setting and achieving
environmental goals, and collaborating with international governments and
organizations on issues of environmental importance, the impact of NHEERL's
efforts can be felt far beyond the EPA.

In addition to its own internal research focus, the laboratory fosters
cooperative research projects with academic and other scientific institutions that

See Lab in Limelight, page 4



Fed Labs Flash

Technology Transfer Notes from Within the Federal Laboratory Community

ECBC Announces WMD Preparedness Courses, New Web Site

The U.S. Army Edgewood Chemical Biological Center (ECBC) is offering a one-day workshop on Weapons of Mass Destruction (WMD), with a focus on basic awareness and responder operations for civilian and military emergency responders. The workshop is intended to enhance the response capabilities of emergency first responders to a terrorist use of WMD.

The seminar will take place on August 20, 2003 at the Battelle Eastern Science & Technology Center in Aberdeen, Md., from 8 a.m. to 5 p.m.

The Responder Awareness Course and the Responder Operations Course are available to all interested emergency responders. The cost of the Responder Awareness course is \$180 per person. The full-day workshop, including both courses, is \$270.

For more information, contact Verna Puckett, (410) 306-8691.

ECBC has also launched its updated web site, offering a look into the widely publicized field of chemical and biological research and development.

Centered around ECBC's capabilities and state-of-the-art facilities, the web site highlights the organization's mission to provide products and services related to chemical and biological agent testing, the latest sampling and analysis techniques for contaminated areas, agent decontamination methods, and personal protective equipment.

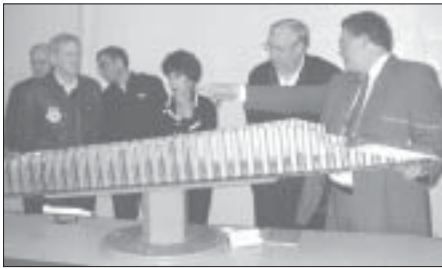
Visit the web site at <www.ecbc.army.mil>

The Need for Speed

Secretary of the Air Force Dr. James Roche recently toured the Air Force Research Laboratory-Propulsion Directorate at Wright Patterson

Air Force Base, Ohio. The secretary received

a briefing on the advanced hypersonic air breathing engine, an engine that could power a vehicle up to speeds of Mach 8. Hypersonic technologies developed in the propulsion lab could enable a wide spectrum of warfighting capabilities—from high-speed weapons and aircraft to easy space access.



Dr. Thomas Jackson, deputy for science in the aerospace propulsion division, explains the intricacies of the Air Force-designed supersonic combustion ramjet to Secretary of the Air Force Dr. James Roche.

NIST Grants Development

New blade technology that could make energy generation by wind turbines more



efficient, virus-resistant tissues for skin grafts, a method for operating a car's devices through conversational speech, and an automated web-searching and data organizing software system are among the novel technologies to be developed by the

efficient, virus-resistant tissues for skin grafts, a method for operating a car's devices through conversational

private sector with support from 16 awards announced by the National Institute of Standards and Technology's (NIST) Advanced Technology Program (ATP).

A list of the latest ATP awards, with links to project fact sheets, may be found at <www.nist.gov/news>.

For background information on the ATP, including history, statistics, program evaluations, success stories and descriptions of previous awards, go to <www.atp.nist.gov>.

Enviro-Council Awards NIEH's Olden

The Council of Environmental Professionals awarded its first Outstanding Public Service Achievement Award to National Institute of Environmental Health Sciences Director

Kenneth Olden, Ph.D., for his encouragement of African Americans and people of color to work in environmental health

sciences. The council exists to increase the number of technically trained minorities in the

environmental and public health professions.

Born into poverty on an eastern Tennessee farm, the young Olden excelled in public schools and went on to earn a B.S. in biology from Knoxville College, an M.S. from the University of Michigan, and a Ph.D. in biological sciences from Temple University. He was director of the Howard University Cancer Center before becoming director of NIEHS.



Kenneth Olden

Lab Work

Call Forwarding from INEEL/Bechtel

Like beanstalks in a well-tended garden, cell towers are sprouting up all over the American landscape, seeded by the enormous increase in cell phone use. A March 2002 study reported a 29 percent growth rate for cell phone ownership over the previous two years, with 62 percent of American adults owning a cell phone.

Cell phone use is no longer limited to calling home from the road to say you'll be late, or making appointments with prospective customers. Wireless

communications and technologies can turn cell phones into futuristic offices, connecting users to the Internet, allowing them to download materials, play games, and even shoot or send snapshots.

These increases in usage and capabilities are not without their growing pains, both for commercial vendors and the public. Problems range from interference and service interruption to troubles with network integration and handset interoperability. The costs and complications of solving some of these problems can be immense. But the Idaho National Engineering and Environmental Laboratory (INEEL) and Bechtel Telecommunications have a suggestion to help overcome these obstacles—test it before you deploy it.

Before new handsets are offered, thousands of antennas installed or new technologies integrated, they

should be tested; however, no facility existed where wireless communications could be tested in a life-size, city-like setting.

Until now.

In collaboration with Bechtel, INEEL has established the Bechtel/INEEL Wireless Testbed.

The Testbed offers large-scale, independent, end-to-end testing of next-generation wired and wireless communication infrastructures, including 3G/4G cellular, land mobile radios, and wireless local area network systems.

Lynda Brighton, project engineer for the Testbed, helped define the goals of the program.

"We wanted to create an environment to allow carriers and the manufacturers of next generation equipment to bring it in and test it end to end," said

Brighton. "Test, characterize and troubleshoot their equipment free from interference with current systems, free from disrupting current customers, free from competitors' eyes, and free from bad press if it doesn't work the first time out."

Over the past several months, the INEEL/Bechtel team of researchers and engineers has constructed three cell towers at the Central Facilities Area on the INEEL site and provisioned them with various radio equipment, test equipment and modeling/simulation tools to the tune of more than a \$1 million.

The potential customer base for the Wireless Testbed is enormous. Bechtel is concentrating on the commercial side, while INEEL addresses government.



Steve Williams, communications systems designer, and Lynda Brighton, Testbed project engineer, led a large and diverse INEEL team in the planning, design and construction of the Wireless Testbed.



FLC NewsLink

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Tech Watch

Federal Laboratory Technologies Ready for Transfer

Materials

Time, Money, Environment saved with KCP Powder

The **Kansas City Plant**'s powder coating team is proving that sometimes you can have it all — speed, quality and cost control.

The team — a past winner of the Missouri Team Quality Award — has switched from using liquid paint to using powder coating, and the results have been impressive.

The team continues to show significant cost savings from the powder coating process and they surprised even themselves with the savings in time: the flowtime for painting the parts was reduced by 90 percent.

The work has met all customer quality requirements. In fact, the quality of the coating supplied to the customer far exceeds the previous liquid-based system. The powder coating process also reduced volatile organic compounds and hazardous waste by more than 24,000 pounds.

So how does it work?

"Each particle of the powder itself is a complete paint system," explained Mary Anne Benton, process engineer for the paint shop. "Each little dust-sized piece of paint contains the binder, the color, and the curing agent."

To apply it to a part, the powder is aerated in a hopper and then passed across a probe, which

gives the powder the electric charge it needs to adhere to the part.

"The coated part is placed in an oven where paint flows," said Benton. "When it comes out of the oven, you have a cured paint system.

"We actually get a harder, thinner coat with powder than with liquid, and the number of errors is smaller."



A fin gets a spray of powder coating. The powder is charged, encouraging an even layer to adhere to the part. After it is sprayed with powder, the part will be heated in an oven, and will emerge coated with a thin, hard, even layer of paint.

Staff engineer Mark Smith became interested in powder coating when the facility was looking for ways to reduce emissions of volatile organic compounds. "We received our first small spray booth to develop and test the process," said Smith.

"One of our first big projects was

to paint training missiles in 2001. We painted 50 trainers, and calculated the savings on those to be \$105,000. That's when I knew we needed to pursue it."

There are also environmental benefits. Unlike liquid paint, powder is not associated with a lot of emissions and hazardous wastes.

More info: Wess Hudelson,
<www.whudelson@kcp.com>

Environmental

PNNL CLEANS UP

After almost 50 years of nuclear materials production at the 586-square-mile Hanford Site in southeastern Washington, there are more than 700 waste sites with the potential to release contaminants to the soil and groundwater. These sites vary significantly in their inventories of radioactive and chemical contaminants and the potential for contaminants to migrate through the soil to the groundwater and the Columbia River.

Understanding which waste sites have the most significant impact and the cumulative effect of all the waste sites is important as decision makers investigate options for the cleanup and closure of Hanford.

Researchers at the Department of Energy's **Pacific Northwest National Laboratory** (PNNL) have developed a comprehensive tool to provide federal and state regulators with the critical information needed to protect people and the environment.

The System Assessment Capability, or SAC, is an integrated system of computer models and databases that predicts the movement and fate of contaminants through the vadose zone, the groundwater, and to the Columbia River. SAC also assesses the impact of contaminants on human health, animals and the environment.

SAC models these types of scenarios based on the geology, chemistry and hydrology of the site. It also predicts the consequences of these scenarios on the environment and the impact of various cleanup options. "These capabilities will be an important information source to aid decision makers in prioritizing cleanup of contaminated sites and putting limited funding to best use," said Bob Bryce, SAC project manager for PNNL.

More info: Kathryn Lang, 508-375-3837

Proven to Work

AFRL DIRECTORATE TEAMS WITH INDUSTRY TO DELIVER LIFE-SAVING DEVICE

Scientists from the **Air Force Research Laboratory Materials and Manufacturing Directorate** (ML) have invented, developed, patented and licensed a breakthrough medical technology—a vein-viewing device that can be used to see beneath the skin and through body sections to show the vasculature (the network of blood veins in the body) in a broad range of lighting conditions. The device dramatically shortens the time between occurrence of a wound and the intravenous (IV) administration of life-sustaining fluids, a factor that could save the lives of severely wounded soldiers, auto accident victims, and even trauma victims at the scene of a major catastrophic event.

Due to the technology's potential for a broad range of civilian medical uses, ML established a CRADA with InfraRed Imaging Systems (IRIS) Inc., of Columbus, Ohio, to manufacture and market the technology to the medical industry and expand the technology to solve other critical medical challenges.

Manufacturing of the vein viewer device will provide both the Air Force and the medical community with the solution to a long-felt need for a reliable, accurate and inexpensive point-of-care device for viewing a patient's veins rapidly and accurately in conditions where the lighting is

less than optimal, and sometimes even abysmal.

On the battlefield, in hospitals, and at the scene of accidents, the technology has the potential to save countless lives.

Furthermore, during the course



Using night vision goggles and AFRL's vein-viewing device, a researcher sees beneath the skin to inspect the vasculature of a hand.

of this project, ML's scientists and engineers have developed contacts and working relationships with researchers in the medical imaging community, the venture-capital community, and inventor/entrepreneurial communities in Ohio. These contacts are of potential great benefit, as

ML could learn of new inventions and solutions to problems that could be transferred to the Air Force community to solve expensive or difficult problems at minimum cost or disruption to traditional business practices. In addition, by establishing a CRADA to aid in the application of the vein viewing technology to additional medical problems, numerous possible extensions of this platform technology may be applied to problems outside of the Air Force that have stymied others for decades.

Knowing that finding another source of light was the linchpin to this challenge, ML scientists developed the vein viewer device, which uses night vision goggles (NVGs) equipped with special filters developed by the Air Force to see infrared light as it passes through a patient's body. This provided users with a clear view of the venous network in fingers, hands, lower arms, and feet.

Lacking the expertise needed to start a small business, ML teamed with IRIS, which had the skill to aid them in transitioning the technology to the medical community.

Under the CRADA with IRIS, ML has worked to expand and market the technology. ML scientists have put a great deal of time into aiding IRIS with the physics and physiology applicable to the invention, and serving as advisors about various technological issues associated with its usage.

Several new inventions associated with the technology were made jointly by the team while operating under the CRADA.

More info: www.ml.af.mil

E&T, A High Priority from page 1 were two major day-long training sessions—Technology Transfer Fundamentals Training and an advanced training session in intellectual property (IP) management and licensing—coordinated by the E&T Committee.

The fundamentals training provided 42 participants with a thorough foundation in the background, concepts, and practical knowledge required to transfer federally funded technologies from the laboratory to the marketplace.

Course presenters included **Doug Blair**, Air Force Technology Transfer Program Manager; **Sam Samuelian**, Coordinator of the FLC Technology Locator service; **Kelly McGuire**, Chief of the Office for Research and



Technology Applications at the U.S. Army Aviation and Missile Command, Research, Development, and Engineering; **Jesse Erlich**, a prominent intellectual property attorney; and **Vic Chavez**, manager of Small Business Initiative, New Ventures, Entrepreneurial, Regional Economic Development, and Small Business Advocacy Programs, Sandia National Laboratories.

These FLC subject area experts described the nuts and bolts of the T² process and provided practical insights into how to accomplish T². The course included: an introduction to the FLC, an overview of T², an overview of the FLC Technology Locator, CRADAs, IP issues, and T² marketing.

Participants gave the session high marks, indicating that participants felt the session was “a very good value for the cost” and “provided great reference information,” with “speakers having in-depth knowledge and an understanding of the current commercial climate.”

The IP Management and Licensing course provided advanced training to 38 T² specialists and patent and licensing staff.

The presenting team of experienced Licensing Executives Society (LES) professionals included Jesse Erlich; **Emmett Murtha**, past president of the LES; and **Sam Khoury**, a leading expert on IP valuation.

Topics included IP and government rights, due diligence/valuation of IP, assessing opportunities for licensing IP, the anatomy of a license, negotiating with inventors, entrepreneurs, and a dialogue session on IP licensing as a business proposition.

See *E&T, A High Priority*, page 6

Lab in the Limelight from page 1 complement the objectives of the EPA, while ensuring that the agency receives the benefit of the highest quality peer-reviewed science.

NHEERL conducts a multidisciplinary research program that strives to reduce the uncertainties inherent in assessing risk. These uncertainties vary in scope from fundamental scientific questions requiring sustained, long-term research strategies to congressionally mandated investigations demanding an immediate response. Accordingly, NHEERL balances long- and short-term research objectives, combining elements of both basic and applied sciences to provide a unique blend of research capabilities.

Research

NHREEL researchers have seven primary focus areas: clean air, clear/safe water, safe food, safe communities, sound science, reduction of global risks, and quality environmental information. The research is divided among two divisions, one under the Associate Director of Ecology (ADE) and the other under the Associate Director for Health (ADH).

Divisions and Branches

The ADE is responsible for scientific leadership in the ecology effects research program.

The mission of the EPA in protecting the integrity of our ecosystems has remained a centerpiece of agency business over three decades, although the nature of the environmental threats to our natural resources has changed over time. As the threats change from localized point source problems involving human wastes and toxic chemicals to global and non-point source problems associated with many human activities, the scientific needs for

carrying out the agency mission also change significantly. In addition to managing planned research to support existing regulatory timelines, the ecological effects program must



NHEERL is organized into nine research divisions, each specializing in a different field of health or ecology research. The five health divisions are centrally located in Research Triangle Park, N.C., while the four ecology divisions are strategically situated in ecologically significant geographic regions across the U.S.

address new and emerging problems and technologies. Working with NHEERL scientific leaders, the ADE develops strategic directions for the ecology effects research program to meet these challenges.

Four research divisions that combine efforts under the ADE to meet research goals are based geographically to study effects on our diverse national ecosystems: the Atlantic Ecology Division in Narragansett, R.I.; the Gulf Ecology Division in Gulf Breeze, Fla.; the Mid-Continent Ecology Division in Duluth, Minn.; and the Western Ecology Division in Corvallis, Ore.

The ADE plans, develops, organizes, directs and implements a number of national research programs, and is responsible for representing

the NHEERL on agency committees for the purpose of assessing the relevance of ongoing research and planning future approaches and emphasis.

The ADE also participates on interagency, national and international committees or panels to ensure that NHEERL research remains on the cutting edge.

The ADH is responsible for providing leadership for the health effects research program, including application of Office of Research and Development (ORD) policies and

guidelines, and allocated resources for research programs to define the exposure-effect relationships between, and to develop data, on the health effects of environmental pollutants, acting singly or in

combination, using toxicological, clinical, and epidemiological studies to delineate the

contribution of environmental exposures to illness/disease.

The ADH promotes the reputation and influence of the program through participation and interaction with scientists and organizations conducting health research nationally and internationally.

There are five research divisions that combine efforts under the ADH to meet the research goals for health effects research at the laboratory: Human Studies, Neurotoxicology, Reproductive Toxicology, Experimental Toxicology, and Environmental Carcinogenesis.

More info: www.epa.gov/nheerl

Environmental Impact from page 1 environmental impacts recognized by the World Technology Network,” said Mark Levine, director of EETD. “We hope that our participation in the WTN will help inspire new avenues of research and development toward increasing the energy efficiency of the global economy.”

Nominees were identified through an intensive global process in which current WTN members (primarily winners and finalists of previous award cycles) nominated and voted their preferences based on who they think are most innovative within their particular field. A small selection of WTN members include Marc

Andreessen, Loudcloud, Inc.; Tim Berners-Lee, Director, World Wide Web Consortium (W3C); Sir Arthur C. Clarke, Institute for Modern Technologies; Michael Dell, Chairman & CEO, Dell Computer Corporation; Amory Lovins, Rocky Mountain Institute, Inc.; Paul MacCready, AeroVironment, Inc.; Gordon Moore, Intel Corporation; and Craig Venter, Center for the Advancement of Genomics.

Berkeley Lab is a U.S. Department of Energy national laboratory located in Berkeley, Calif. It conducts unclassified scientific research and is managed by the University of California.

More info: <http://www.lbl.gov>

Inside the FLC

FLC on Tour

The FLC continued its aggressive outreach program by promoting its value during the BIO2003 Conference June 23-25, in Washington, D.C., at the Washington Convention Center.

President Bush addressed the roughly 15,000 attendees. As usual, traffic was heavy at the FLC booth. BIO has always been a great venue for the FLC to heighten awareness. The FLC has enhanced its trade show presence by incorporating



President George W. Bush waves to the crowd after addressing the Biotechnology Industry Organization 2003 Annual Convention in Wash. D.C., Monday, June 23, 2003.

a multimedia presentation that includes a video promoting the value of the FLC, as well as real-time presentation of the FLC web site.

The FLC was also on display at the New Jersey Small Business Development Centers' (NJSBDC) 12th annual Government Procurement Expo in Raritan, N.J., on June 13.

The NJSBDC is a partnership of the U.S. Small Business Administration, the N.J. Commerce and Economic Growth Commission, and Rutgers Business School. According to its mission statement, the NJSBDC network is in the knowledge business, tapping best practices and business intelligence from the public and private sectors to counsel, train, and educate established and aspiring small business owners so they can compete more effectively in the domestic and global economies.



NJSBDC Government Procurement Director Madelyn Britman welcomes exhibitors and attendees to the 12th Annual Government Procurement Expo and introduces New Jersey Congressman Rodney Frelinghuysen.



Check out...

- Technology Locator
- Laboratory Profiles
- DC Representative
 - FLC Library
- Patent & Licensing Info
- Grant & SBIR Info
- Calendar of Events

www.federallabs.org

Regional Roundup

A "free" Small Business Innovative Research/Small Business Technology Transfer (SBIR/STTR) Workshop is being offered on August 21, 2003, at **Princeton Plasma Physics Laboratory**, Princeton, N.J. This workshop is being offered to N.J. industry, academia, and government interested in the SBIR/STTR program. For more information on the workshop, visit www.federallabs.org/ne_sbir.



The Northeast/Midwest regional meeting is scheduled for October 1-3 at the Crowne Plaza Hotel, New York, N.Y. The theme of the meeting is "Building Collaborative Partnerships - The Role of Industry, Academia, and Federal, State and Local Governments."

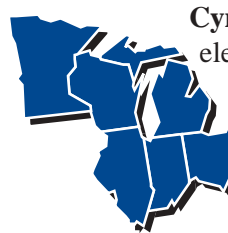
The Northeast (NE) Region recently held a secondary election for the position of Deputy Regional Coordinator. **Lewis Meixler**, Princeton Plasma Physics Laboratory, has been named the Deputy Regional Coordinator and will serve his term with Regional Coordinator Hans Kohler through May 2005.

The region recently announced a call for nominations for both regional awards and regional Excellence in Technology Transfer awards.

The NE Region publishes a quarterly electronic newsletter that focuses on regional initiatives, up and coming technologies, tech news, small businesses in the region, and educational programs offered by regional labs.

More info: Julie Evans, 856-667-7287, <jevans@tamimail.com>

The Mid-Atlantic Region recently announced a call for nominations for both regional awards and regional Excellence in Technology Transfer awards. For more information on the awards program, contact Sam Samuelian at 856-667-7727 or <ssamuelian@utrsmail.com>.



Cynthia Wesolowski of **Argonne National Laboratory** has been elected Deputy Regional Coordinator for the Midwest Region.

Cynthia has served on the FLC State and Local Government Committee and was a recent winner of an FLC Excellence in Technology Transfer Award.

The FLC Midwest Region recently announced a call for nominations for both regional awards and regional Excellence in Technology Transfer awards. For more information on the awards program, contact Sam Samuelian at 856-667-7727 or <ssamuelian@utrsmail.com>.



Cynthia Wesolowski

FLC Far West/Mid-Continent Regional Meeting



Honolulu, Hawaii
August 18-21, 2003

TechEnterprise 2003



Learn more: www.zyn.com/flc/meeting

FLC
Save the Date!
Mid-Atlantic Regional Meeting
Pilotown, Maryland - September 9-11, 2003
Collaborative Opportunities
Throughout the Mid-Atlantic Region
Training • T² Awards • Networking
Rocky Gap Lodge
Contact:
Sam Samuelian
arsamuelian@utrsmail.com
856-667-7727
www.federallabs.org



FLC Northeast/Midwest Joint Regional Meeting

New York, N.Y. October 1-3, 2003

T² Training • T² Awards • Networking



FLC Southeast Regional Meeting

Charleston, S.C. September 17-19, 2003

Business Development & Commercialization and the Role of Federal Laboratories, Industry, and Academia

DC Dispatch from page 1

Many of the appropriation bills are now being drafted and reported out of the appropriation subcommittees. The authorization bills are coming out of the committees and are going to the floor of the Senate and the House for votes.

The defense authorization has passed both houses and is most noteworthy for its sweeping changes to pay and personnel systems. It gives the DOD authority to establish its own pay and personnel rules separate from those of the Office of Personnel Management (OPM), and it eliminates the various experimental pay and personnel systems that DOD is currently using in a number of areas, including the DOD labs. Some of the concepts in this bill are starting to show up in authorization bills for other agencies as well.

Finalizing the Omnibus Energy Bill is still a major goal in Congress, but the date keeps being postponed. In the area of transportation, several agencies are greatly affected by the six-

year Transportation Act that addresses many of the initiatives across all transportation-related agencies. The current law expires this year.

The House Transportation Committee has been drafting a new six-year authorization, identified as TEA-21, but in order to fund new initiatives, they would like to include a federal gas tax increase.

This is meeting a lot of resistance since, in principle, it would seem to counter the recent tax cut. As a result, there are rumors that Congress may pass a one-year extension of the current legislation and put off the new legislation until next year.

The legislation dealing with revised fees and new practices and procedures at the Patent and Trademark Office (PTO) appears to be proceeding again. The fee increase is less than what was proposed last summer, and there is a lot of pressure to have all of the fees stay at PTO to reduce the patent backlog rather than

sending a portion to the Treasury to fund other programs.

On the T² front, Congressman Sabo just introduced a bill—H.R. 2613, the Public Access to Science Act—that would prohibit federal contractors and grantees from copywriting the results of their research and development works as long as that work was substantially funded with federal funds. We will hear more on this in the future.

Please feel free to contact me regarding legislation and policy concerning the federal T² arena.

Knowing the rules of T² and their possible evolution is crucial to the success of any technology professional. Monitoring and reporting these rules is a critical service of the FLC. Your questions and involvement are always encouraged.

Contact Dave Appler at
dappler@flcdc.cnchost.com

E&T, A High Priority from page 4

Attendees were particularly enthusiastic about the "great cross-section of T² people" and their discussion of "creative CRADAs and partnerships." Continuing Education Units (CEUs) certified through Montana State University were offered for the first time for these courses. Each meeting attendee also received the 2003 edition of the *FLC Technology Transfer Desk Reference*.

On Wednesday, May 7, the committee also coordinated the concurrent "CRADAs, Issues and Solutions" and "Licensing, Issues and Solutions" sessions.

The CRADA session examined cooperative research issues with foreign partners and homeland security issues, developing creative CRADAs, and DOE trends toward CRADA alterations.

The licensing session addressed a variety of licensing challenges and solutions that turn these challenges into opportunities.

The E&T Committee will continue to refine existing courses, and to develop new education and training courses and materials that will be made available online.

More info: Lynn Murray,
<murrayl@volpe.dot.gov>

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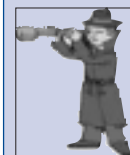
Mark Your Calendar

See the **Upcoming Events** page to learn what T² events are taking place where and when.



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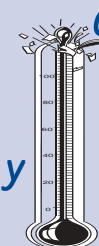
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