

Calendar

[Have a safe day!](#)

Wednesday, May 26
3:30 p.m.
 DIRECTOR'S COFFEE
 BREAK - 2nd Flr X-Over
[Fermilab Colloquium](#) - 1
 West
 Speaker: Jan Liphardt,
 University of California,
 Berkeley
 Title: The Intersection of
 Physics and Biology

Thursday, May 27
2:30 p.m.
[Theoretical Physics
 Seminar](#) - Curia II
 Speaker: Anibal Medina,
 University of California,
 Davis
 Title: Continuum
 Superpartners

3:30 p.m.
 DIRECTOR'S COFFEE
 BREAK - 2nd Flr X-Over
[Special Fermilab
 Colloquium](#) - 1 West
 Speaker: Yuri Oganessian,
 Joint Institute for Nuclear
 Research, Dubna, Russia
 Title: Heaviest Nuclei: New
 Element with Atomic
 Number 117

**Click here for [NALCAL](#),
 a weekly calendar with
 links to additional
 information.**

[Upcoming conferences](#)

Campaigns

[Take Five](#)

[Tune IT Up](#)

H1N1 Flu

For information about
 H1N1, visit Fermilab's flu
 information [site](#).

Milestone

Ed Bucki retires



Ed Bucki

After 30 years as
 a Department of
 Energy employee
 working at
 Fermilab, Ed
 Bucki is retiring.

"Ed has been with
 the Site Office
 longer than
 anyone else by
 far," said Mark
 Bollinger, DOE

Acting Site Office Manager. He will be
 dearly missed, especially for his reliability
 and consistency in looking out for the
 safety and health of all site employees."

Stop by his open house from 11 a.m.-2
 p.m. today in the DOE Fermi Site Office,
 located on the sixth floor of Wilson Hall.

Special Announcement

Wilson Hall building closed Saturday, June 5

The highrise building will be closed starting
 at 12:01 a.m. June 5 and re-open at 6 p.m.
 to accomodate generator upgrades. Crews
 must connect the power distribution from
 the new generator to the existing electrical
 switchgear, which is located in the
 basement of the highrise. To make the
 connection, the power must be shut off in
 Wilson Hall.

During this shutdown crews will also
 upgrade domestic water pump controllers
 by installing energy-efficient controllers. As
 a result, all restroom facilities will be closed
 during this outage.

Additionally, Facilities Engineering
 Services Section staff members will take
 advantage of the outage and perform
 preventive maintenance on electrical
 equipment throughout Wilson Hall.

If you have questions, please contact John
 Kent III at x4753.

From the Finance Office

Financial tools for you to use

*Cindy Conger, chief financial officer and
 head of the Finance Section, wrote this
 week's column.*

About 200 Fermilab
 employees are
 responsible for
 executing some
 portion of the
 laboratory's annual
 budget. These folks
 are charged by their
 division, section and
 center leaders to
 perform their work in
 accordance with the
 financial plans set



Cindy Conger

forth at the beginning of the year (or
 approved changes made later in the year)
 and to keep their leaders informed of
 significant issues that could affect financial
 performance during the year.

The Finance Section and the field financial
 managers in the divisions, sections and
 centers are the first line for financial
 questions at the laboratory. They work
 hard to make sure people with budget
 execution responsibilities have the right
 tools to understand their budgets and the
 actual obligations that have been incurred
 against those budgets. Nearly all of these
 tools are financial reports of one kind or
 another, primarily based on our Oracle
 Financials system, which is supported by
 the Fermilab Computing Division.

The Finance Section offers many financial
 tools and reports to help those with
 financial responsibilities. Our website
 includes the [Financial Services Online
 Applications page](#), available on site or off
 site through VPN. This webpage features
 links to project and task listings, purchase
 order and requisition queries, standard
 online reports and other online queries.

Especially helpful to those with budget
 execution responsibilities are two online
 queries that allow the specification of time
 period, project and task: the Task
 Transaction Detail report and the Task
 Summary Report. The [TTD report](#) returns

Photo of the Day

Weather



Chance of
thunderstorms
84°/63°

[Extended Forecast](#)
[Weather at Fermilab](#)

Current Security Status

[Secou Level 3](#)

Wilson Hall Cafe

Wednesday, May 26

- Breakfast: English-muffin sandwich
- Beef barley soup
- Gyros
- Caribbean grille Salmon
- Stuffed pepper
- Cuban panini
- Beef and cheddar panini
- Assorted slice pizza
- Grilled chicken Bowtie w/tomato cream

[Wilson Hall Cafe Menu](#)

Chez Leon

Wednesday, May 26 Lunch

- Blackened chicken tortellini Alfredo
- Blackberry-lemon pudding cake

Thursday, May 27 Closed

[Chez Leon Menu](#)

Call x3524 to make your reservation.

Archives

[Fermilab Today](#)

[Result of the Week](#)

[Safety Tip of the Week](#)

[CMS Result of the Month](#)

[User University Profiles](#)

[ILC NewsLine](#)

Info

Employees take time out for fitness



Visual Media Services employees walk around the Main Ring as part of Employee Health and Fitness Day on May 19. From left: Karen Seifrid, Cindy Arnold, Diana Canzone and Jim Shultz.

In the News

Superconductivity breakthrough could lead to more cost-effective technologies

From *Interactions News Wire*, May 24, 2010

Researchers from the Universities of Liverpool and Durham have fitted another piece into the superconductivity puzzle that could help in the quest to bring down the cost of technologies such as MRI scanners and some energy storage applications that rely on superconductors. The result is published online in the journal *Nature* (19th May 2010).

Using the ISIS and Diamond Facilities at the Science and Technology Facilities Council's Rutherford Appleton Laboratory (RAL) and the European Synchrotron Radiation Facility (ESRF) in Grenoble, scientists have demonstrated how a new material made from metal atoms and buckyballs (tiny carbon-60 molecules shaped like a football) becomes a high temperature superconductor when it is squashed. The applied pressure shrinks the structure and overcomes the repulsion between the electrons, allowing them to pair up and travel through the material without resistance.

The Liverpool and Durham researchers made the new material supported by funding from the Engineering and Physical Sciences Research Council for a program investigating ways of creating higher temperature superconductors, to reduce some of the costs involved with keeping

all the detailed obligation transactions against a particular project and task during a one-month period by expenditure type. (Payroll details, of course, are not available except through the appropriate field financial manager.) The [TSR](#) returns summary information for one or more tasks in the same project, including costs for the current month, fiscal year, and inception-to-date, as well as year-to-date and inception-to-date obligations; open commitments and open requisitions. It also includes the fiscal-year obligation budget and the budget balance.

Finding the report you need and understanding the information in these reports can be challenging; your field financial manager and the Finance Section's Budget Office are here to help.

Safety Update

ES&H weekly report, May 25

This week's safety report, compiled by the Fermilab ES&H section, includes one first-aid injury. Find the full report [here](#).

[Safety report archive](#)

Announcements

Latest Announcements

[Weekly time sheets due Friday](#)

[Ask HR: 15th floor visits CD - FCC on Wednesday, June 2](#)

[Ask HR - 15th floor comes to CDF today](#)

[Diversity Office volunteer opportunity - May 25-June 8](#)

[Toastmaster meeting - June 3](#)

[Project Scheduling and Earned Value Management Systems - May 26-27](#)

[ES&H web server down today](#)

[Argentine Tango each Wednesday, May 5 to May 26](#)

[10,000 Steps Per Day walking program](#)

[Sand Volleyball held on Tuesdays starting May 25](#)

[May Benefits Bulletin](#)

[43rd Fermilab Users' Meeting registration - June 2 - 3](#)

[SciTech summer camps start - June 14](#)

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is online at:
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suggestions to:
today@fnal.gov

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them at their optimum temperature and broaden their applications. An MRI scanner for example, contains person-sized superconductive magnet that needs to be kept inside a bath of liquid helium in order to regulate the superconductor's temperature at - 270 degrees Celcius. The ultimate aim is for a superconductor to operate at room temperature to eliminate the need for large and expensive cooling systems.

[Read more](#)

[Employee discount at Batavia Rosati's](#)

[Fermilab Arts Series presents Corky Siegel and Chamber Blues - June 26](#)

[Sign up for summer Science Adventures classes](#)

[Introduction to LabVIEW course - July 13](#)

[Embedded Design with LabVIEW FPGA and CompactRIO seminar - July 13](#)

[Interaction Management Coaching Forum - July 27](#)

[Submit an announcement](#)