

## Calendar

### [Have a safe day!](#)

Wednesday, June 2  
8 a.m.

Users' Annual Meeting  
Registration

9 a.m. – 5 p.m.

[Users' Annual Meeting](#)

3:30 p.m.

DIRECTOR'S COFFEE BREAK

THERE WILL BE NO  
FERMILAB COLLOQUIUM  
THIS WEEK

Thursday, June 3

9 a.m. – 5 p.m.

[Users' Annual Meeting](#) -

Auditorium

THERE WILL BE NO  
THEORETICAL PHYSICS  
SEMINAR THIS WEEK

3:30 p.m.

DIRECTOR'S COFFEE  
BREAK - 2nd Flr X-Over

THERE WILL BE NO  
ACCELERATOR PHYSICS  
AND TECHNOLOGY  
SEMINAR TODAY

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](#).

## Weather

## Special Announcement

### Users' Meeting begins today; public lecture speaker change

Fermilab's annual [Users' Meeting](#) begins today. Registered users and Fermilab employees with their supervisor's permission can attend today's lectures and events, which include a status update on Fermilab's Accelerator Complex; results presentations from MINOS, MiniBooNE, SciBooNE and MINERvA; and talks by Department of Energy Under Secretary for Science Steve Koonin and Deputy Director of the Office of Science for High Energy Physics Dennis Kovar.

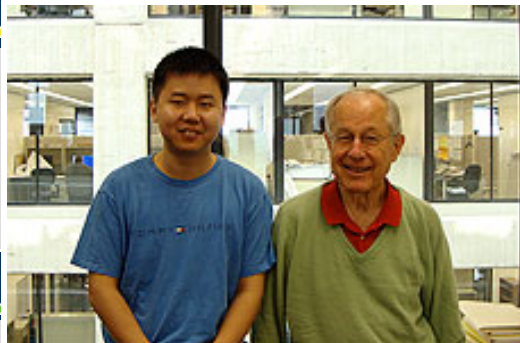
Due to ongoing issues with the Gulf oil spill, Steven Chu is unable to give the public lecture this evening. However the Under Secretary for Science, Steven Koonin, will speak on energy in his place.

The Graduate Student Association poster session will take place at the banquet, which will follow Koonin's talk.

Tickets for this evening's public lecture have all been given away. If you have any tickets that you will not use, please call the box office at 630-840-ARTS (2787) or turn them in at the lobby box office tomorrow beginning at 7 p.m.

## Feature

### Tingjun Yang receives 13th annual URA Thesis Award



Tingjun Yang, recipient of this year's URA Thesis Award, with advisor Stanley Wojcicki.

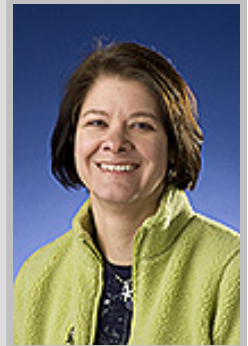
Tingjun Yang will receive this year's University Research Association Thesis Award for his thesis, "A Study of Muon Neutrino to Electron Neutrino Oscillations in the MINOS Experiment." His thesis documents a six-year

## From the ES&H Section

### National Safety Month

*Nancy Grossman, head of the ES&H Section, wrote this week's column.*

Every year the National Safety Council takes a look at the greatest concerns for the safety of U.S. workers, drivers and community members. June is National Safety Month, and each week we will call attention to one of these areas and describe what you can do to help keep yourself, your family and your coworkers safe. Our Take 5 campaign will highlight National Safety Month with a series of posters for your work areas.




Nancy Grossman

Week One: Prescription Drugs  
Unintentional overdose from over-the-counter, prescription and illegal drugs is the second-leading cause of preventable death in the United States. These poisonings are often due to overdose or misuse of medicine initially prescribed to treat chronic pain.

Week Two: Teenage Driving  
Vehicle crashes are the leading cause of death and injury for U.S. teens between the ages of 15-19. Gradually introducing novice drivers to the traffic environment has been proven to reduce crash risk and save lives. Parents play a key role!

Week Three: Overexertion  
Overexertion is a major cause of the inflammation of joints and ligaments that results from excessive physical effort. Overexertion injuries, mainly sprains and strains to the back or spine, make up about 40 percent of both on- and off-the-job injuries.

Week Four: Dangers of Cell Phone Use While Driving  
An estimated 28 percent of all traffic crashes are caused by drivers using a cell phone and texting. According to the National Highway Traffic Safety Administration, one out of 10 drivers is talking on cell phones at any point of the day.

 Chance of  
thunderstorms  
79°/57°

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

[Current Security  
Status](#)

[Secon Level 3](#)

[Wilson Hall Cafe](#)

Wednesday, June 2

- Breakfast: English muffin sandwich
- Cajun style lentil soup
- Cajun chicken ranch
- Braised pork chops
- Chicken parmesan
- Smoked turkey panini pesto mayo
- Assorted sliced pizza
- Chicken alfredo fettuccine

[Wilson Hall Cafe Menu](#)

[Chez Leon](#)

Wednesday, June 2

- Lunch
- Bourbon baby back ribs
  - Coleslaw
  - Baked beans
  - Lemon meringue pie

Thursday, June 3

- Dinner
- Melon & prosciutto
  - Prime rib
  - Whipped potatoes
  - Steamed asparagus
  - Fruit sorbet

[Chez Leon Menu](#)

Call x3524 to make your reservation.

[Archives](#)

search for the last unmeasured neutrino-mixing angle at MINOS.

Yang, who was surprised and honored to receive a phone call in early May informing him of the award, credits the support of his collaborators on MINOS as crucial to developing his thesis.

"I really cherished the experience that I had at the MINOS experiment," Yang said. "I am grateful to the many people that I worked with and I want to thank especially my advisor, Stanley Wojcicki."

Yang was nominated for the award by Wojcicki, who was not surprised to learn that Yang would receive this year's prize.

"It is as good a thesis as I have seen in the last 10 years since I started working on MINOS," he said.

Yang's thesis details the measuring of electron-neutrino appearance in the NUMI beam and the search for  $\theta_{13}$ . Since the MINOS experiment was not designed for this kind of research, Yang and his colleagues developed several new techniques in order to conduct their studies.

The adaptation efforts allowed Yang the opportunity to participate in nearly every aspect of the search process and this range was reflected in his thesis.

"Yang's thesis is quite remarkable for the breadth of material covered," said Steve Brice of the selection panel. "A lot of students take one small aspect of a search and really make it their own. Yang did that, but for seven or eight pieces."

The URA Thesis Award recipient is chosen by a six-person panel representing a range of the laboratory's activities. The recipient, whose Ph. D. thesis work can focus on any aspect of these activities, receives a certificate and \$3,500 check.

Since completing his thesis in 2009, Yang has received his Ph.D. from Stanford University and is currently a member of the CDF collaboration and working part-time on research and development of liquid argon time-projection chambers. Yang will receive his prize today at the [Fermilab Users' Meeting](#).

-- Daisy Yuhas

Week Five: Summer Safety

Summer is a time of increased travel. Fatalities in accidents involving both motorists and motorcycle riders have more than doubled between 1998 and 2008. Remember to watch for motorcyclists this summer when navigating the roadways.



[Safety Update](#)

## ES&H weekly report, June 1

This week's safety report, compiled by the Fermilab ES&H section, includes no reported injuries. Find the full report [here](#).

[Safety report archive](#)

[Accelerator Update](#)

May 28-31

- TeV sector C3 wet engine repaired
- 400 MeV chopper cable re-terminated
- AP0 line airflow work
- FESS repaired AP50 chilled water leak
- Store 7855 quenched at several houses in sector D
- TeV quench during shot setup

[Read the Current Accelerator Update](#)

[Read the Early Bird Report](#)

[View the Tevatron Luminosity Charts](#)

[Announcements](#)

## Latest Announcements

[Video series on scientific case for God's existence starts June 15](#)

[Pool opens June 8](#)

[Walk to Health class begins June 7](#)

[Butts & Guts class begins June 7](#)

[Behavioral interviewing](#)

[Earned Value Management \(EVMS\) - June 7&8](#)

[Lecture Series: Intermediate/Advanced Topics in C++](#)

[Fermilab Today](#)[Result of the Week](#)[Safety Tip of the Week](#)[CMS Result of the Month](#)[User University Profiles](#)[ILC NewsLine](#)**Info**[Fermilab Today](#)

is online at:

[www.fnal.gov/today/](http://www.fnal.gov/today/)

Send comments and

suggestions to:

[today@fnal.gov](mailto:today@fnal.gov)

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[home page](#)[Unsubscribe](#) from *Fermilab**Today***In the News****Solving the riddle of why matter exists**From **NPR**, May 28, 2010

Throughout the millenia, philosophers, theologians and scientists have pondered the simple question: Why are we here? *Science News* writer Ron Cowen discusses results from the Fermi Lab's particle collider which may help explain the preponderance of matter, not anti-matter, in the universe.

[Listen](#) or read the transcript.**CERN press release****Particle chameleon caught in the act of changing**

From CERN, May 31, 2010

Researchers on the OPERA experiment at the INFN1's Gran Sasso laboratory in Italy today announced the first direct observation of a tau particle in a muon neutrino beam sent through the Earth from CERN2, 730km away. This is a significant result, providing the final missing piece of a puzzle that has been challenging science since the 1960s, and giving tantalizing hints of new physics to come.

The neutrino puzzle began with a pioneering and ultimately Nobel Prize winning experiment conducted by US scientist Ray Davis beginning in the 1960s. He observed far fewer neutrinos arriving at the Earth from the Sun than solar models predicted: either solar models were wrong, or something was happening to the neutrinos on their way. A possible solution to the puzzle was provided in 1969 by the theorists Bruno Pontecorvo and Vladimir Gribov, who first suggested that chameleon-like oscillatory changes between different types of neutrinos could be responsible for the apparent neutrino deficit.

[Read more](#)[Diversity Office volunteer opportunity May 25-June 8](#)[Ask HR: 15th floor visits CD - FCC on Wednesday, June 2](#)[10,000 Steps Per Day Walking program](#)[Sand volleyball held on Tuesdays began May 25](#)[43rd Fermilab Users' Meeting Registration June 2 - 3](#)[Toastmasters meeting - June 3](#)[SciTech summer camps start June 14](#)[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 being held July 13](#)[Embedded Design with LabVIEW FPGA and CompactRIO seminar being offered July 13](#)[Interaction Management Coaching Forum - July 27](#)[Submit an announcement](#)