

DAUGHTERS AND SONS TO WORK DAY 2010

REGISTRATION INFORMATION PACKET

Daughters and Sons to Work Day (DSTW) will be held Thursday, April 22, 2010.

For the 16th consecutive year, Berkeley Lab will host guests of employees — girls and boys ages 9 to 16 — for a day of science and fun. DSTW generates a lot of enthusiasm among employees each year. As space is limited to 120 children, we advise early registration.

How to Register: Enclosed is the DSTW registration information for you to review with your guest. Please fill out the registration form for 1 to 3 children. Send in the registration form with a check for **\$25** per child, **payable to UC Regents**, which covers refreshments, lunch, and a t-shirt for each participant. Keep the remaining information for your reference. Space is limited and will be made on a first-come, first-served, basis.

REGISTRATION CHECK-IN

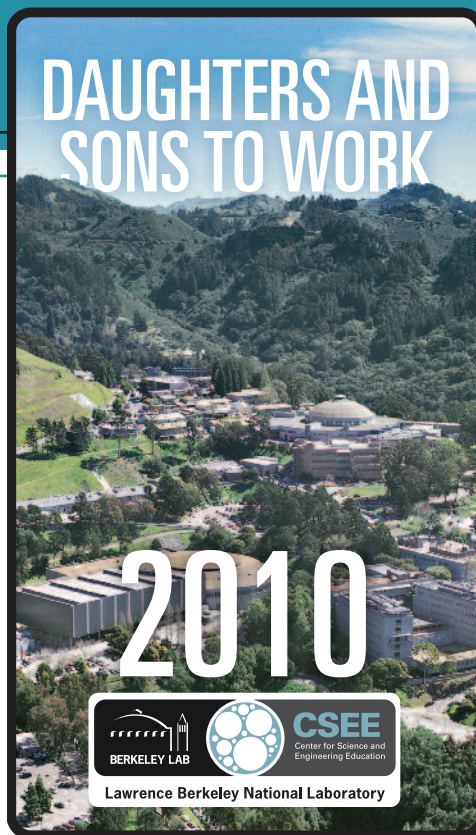
7:45 – 8:45 A.M. Building 54, Cafeteria

OPENING ASSEMBLY

9:00 – 9:30 A.M. Building 50 Auditorium

MAIL REGISTRATION TO: MS 7R0222

- No registration forms will be accepted after April 16th
- Questions? Contact Joe Crippen at x5816



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REGISTRATION INFORMATION PACKET

PROGRAM SCHEDULE FOR CHILDREN 9 TO 12 YEARS OF AGE

Listed below is the schedule for the day. All students will be assigned to one of three groups, and they will participate in all the activities listed below.

Parents wishing to join their children for lunch will need to pay an additional \$7.00.

All parents are invited to the Ice Cream Social at the end of the day.

7:45	Registration	Cafeteria Bldg. 54
9:00	Opening Assembly	Bldg. 50 Auditorium
9:45	1st Workshop	Assigned Locations
11:15	2nd Workshop	Assigned Locations
12:45	Lunch	ALS Patio
1:30	3rd Workshop	Assigned Locations
3:00	Ice Cream Social & Sign-Out	Cafeteria Bldg. 54

PROGRAM SCHEDULE FOR CHILDREN 13 TO 16 YEARS OF AGE

Listed below is the schedule for the day. All the students will be assigned to one of two groups, and they will participate in all the activities listed below.

Parents will not be joining their children for lunch; however, we encourage you to join them for the Ice Cream Social at the end of the day.

7:45	Registration	Cafeteria Bldg. 54
9:00	Opening Assembly	Bldg. 50 Auditorium
9:45	ALS Tour	Bldg. 6
11:15	Molecular Foundry Tour	Bldg. 67
12:00	Lunch	TBD
1:00	Joint Genome Institute Tour	Walnut Creek
3:30	Ice Cream Social & Sign-Out	Cafeteria Bldg. 54

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PROGRAM DESCRIPTIONS FOR CHILDREN 9 TO 12 YEARS OF AGE

(Everyone will participate in each of the following workshops.)

Parents wishing to join their children for lunch will need to pay an additional \$7.00.

We encourage you to join your children for the Ice Cream Social at the end of the day.

LIQUID NITROGEN

Have you ever made ice cream using liquid air? Have you ever frozen a rubber band so that it shatters when you drop it? Have you ever made a cloud? You will do all of this when you experience the properties of Liquid Nitrogen. Learn about Liquid Nitrogen, its properties, and what it means to be hundreds of degrees below zero!

DRY ICE INVESTIGATIONS

Most young students are fascinated by dry ice. This kit uses this curiosity to capture students' attention while serving as a powerful unit on scientific inquiry. It introduces the properties of matter, phase change, the nature of solids and gases, and the history of science.

SCIENCE FESTIVAL

Get festive with the scientists at the Daughters and Sons to Work Day *Science Festival!* Investigate the workings of a laser tracker, explore the mechanism of a maglev train, and participate in several other fun and informative activities.

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PROGRAM DESCRIPTIONS FOR CHILDREN 13 TO 16 YEARS OF AGE

(Everyone will participate in each of the following workshops.)

Parents wishing to join their children for lunch will need to pay an additional \$7.00.

We encourage you to join your children for the Ice Cream Social at the end of the day.

ADVANCED LIGHT SOURCE (ALS) TOUR

One of the world's brightest sources of ultraviolet and soft x-ray beams—and the world's first third-generation synchrotron light source in its energy range—the ALS makes previously impossible studies possible.

MOLECULAR FOUNDRY TOUR

The Molecular Foundry is a Department of Energy-funded program providing support to researchers from around the world whose work can benefit from or contribute to nanoscience. Through unparalleled access to state-of-the-art instruments, materials, technical expertise and training, the Foundry provides researchers with the tools to enhance the development and understanding of the synthesis, characterization and theory of nanoscale materials.

JOINT GENOME INSTITUTE TOUR

The U.S. Department of Energy Joint Genome Institute, supported by the DOE Office of Science, unites the expertise of five national laboratories Lawrence Berkeley, Lawrence Livermore, Los Alamos, Oak Ridge, and Pacific Northwest along with the HudsonAlpha Institute for Biotechnology to advance genomics in support of the DOE missions related to clean energy generation and environmental characterization and cleanup. JGI is operated by the University of California for the U.S. Department of Energy.

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REGISTRATION INFORMATION PACKET

GUEST REGISTRATION FORM (Please Print Legibly)

Name of guest (1): _____ Male Female

Age: _____ School Grade: _____ (CSEE Use only: Registration No.): _____

School: _____ District: _____

What is your relationship to the participant: _____

T-Shirt Size: (adult sizes) XL Large Medium Small

Lunch Choice: (check only one) *If you have dietary needs, please contact Joe Crippen at X5816*

Children 9 to 12 years of age: Hot Dog Hamburger Veggie Burger

Children 13 to 16 years of age: Chicken Sandwich Ham and Cheese Veggie

Registration fee for 1 guest total: \$25

Name of guest (2): _____ Male Female

Age: _____ School Grade: _____ (CSEE Use only: Registration No.): _____

School: _____ District: _____

What is your relationship to the participant: _____

T-Shirt Size: (adult sizes) XL Large Medium Small

Lunch Choice: (check only one) *If you have dietary needs, please contact Joe Crippen at X5816*

Children 9 to 12 years of age: Hot Dog Hamburger Veggie Burger

Children 13 to 16 years of age: Chicken Sandwich Ham and Cheese Veggie

Registration fee for 2 guest2 total: \$50

Name of guest (3): _____ Male Female

Age: _____ School Grade: _____ (CSEE Use only: Registration No.): _____

School: _____ District: _____

What is your relationship to the participant: _____

T-Shirt Size: (adult sizes) XL Large Medium Small

Lunch Choice: (check only one) *If you have dietary needs, please contact Joe Crippen at X5816*

Children 9 to 12 years of age: Hot Dog Hamburger Veggie Burger

Children 13 to 16 years of age: Chicken Sandwich Ham and Cheese Veggie

Registration fee for 3 guest total: \$75

Will you be attending lunch (only available if your guest(s) are 9 to 12 years of age)? Add \$7.00

Note: If you are attending lunch, as a Lab employee you are expected to help monitor the ALS Patio for any safety violations. Every employee is responsible for safety. (Please Initial) _____

Safety Note: To participate in the activites safely, all participants must wear closed-toed shoes and their legs must be covered. (Please Initial) _____

ALL CHECKS MUST BE MADE PAYABLE TO UC REGENTS. TOTAL AMOUNT PAID: \$ _____

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REGISTRATION INFORMATION PACKET

BERKELEY LAB EMPLOYEE/PARENT CONSENT FORM (Please Print Legibly)

Name: _____

Department: _____

Division: _____

Extension: _____

Cell phone/pager: _____

Building/Room: _____

- **Please do not take your child off site** for lunch or out of workshops without making prior arrangements with CSEE staff before April 20, 2010.
 - You must forward your phones to a person who knows where you will be at all times or have your cell phone listed and on.
 - Parents are encouraged to attend the Ice Cream Social beginning at 3:00 p.m. in the Cafeteria (for children 9-12) or 3:30 (for children 13-16).
 - Parents **MUST** come to the Cafeteria to pick up their children by 4 p.m.
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I agree to allow my child _____ (Guest 1), to participate in "Daughters and Sons to Work Day" at Berkeley Lab. This agreement authorizes the Laboratory to administer medical treatment to my child in an emergency. Further, I waive all responsibility of the Laboratory in case of an accident.

Parent/Guardian _____ Phone: _____

I agree to allow my child _____ (Guest 2), to participate in "Daughters and Sons to Work Day" at Berkeley Lab. This agreement authorizes the Laboratory to administer medical treatment to my child in an emergency. Further, I waive all responsibility of the Laboratory in case of an accident.

Parent/Guardian _____ Phone: _____

I agree to allow my child _____ (Guest 3), to participate in "Daughters and Sons to Work Day" at Berkeley Lab. This agreement authorizes the Laboratory to administer medical treatment to my child in an emergency. Further, I waive all responsibility of the Laboratory in case of an accident.

Parent/Guardian _____ Phone: _____

Safety Note: To participate in the activities safely, all participants must wear closed-toed shoes and their legs must be covered. (Please Initial) _____

**Please make checks payable to U.C. Regents.
Registration deadline is April 16, 2010 • Enrollment is limited to 120 children
Send registration to: DSTW, CSEE, MS 7R0222**

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REGISTRATION INFORMATION PACKET

CHAPERONE REGISTRATION FORM (Please Print Legibly)

Please check all that you may be able to help with (all volunteers will receive T-shirts and lunch):

Special Consideration: Without enough chaperones, some children may be turned away due to lack of supervision.

Name:

Department:

Division:

Extension:

Cell phone/pager:

Mail Stop:

Name of Child Participating:

Age:

T-Shirt Size: (adult sizes)

XL Large Medium Small

Lunch Choice: (Check One Only)

Hot Dog Hamburger Veggie Burger

- Registration (7:30 to 9:00)
- Chaperone (9:00 to 3:30)
- Lunch Monitor (12:30 to 1:45)
- Ice Cream Social (2:45 to 4:15)



Lawrence Berkeley National Laboratory

Send registration to: DSTW, CSEE, MS 7R0222