

# DAUGHTERS AND SONS TO WORK DAY 2012

## Registration Information Packet

### DAUGHTERS AND SONS TO WORK DAY (DSTW)

will be held **Thursday, 26 April 2012**

For the 18th 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 and Parent Consent Form for 1 to 3 students and send with a check for **\$30** per student, payable to U.C. Regents, to **DSTW, CSEE, MS 7R0222** by Friday 20 April. Keep the remaining information for your reference. Space is limited and will be made on a first-come, first-served basis.

#### HOW TO VOLUNTEER:

CSEE depends on volunteers to make this day possible for the 120 young future scientists and engineers that we host each year. The final page of this packet is a Volunteer Registration Form, which we encourage you to fill out and return in order to make this event possible.



#### REGISTRATION CHECK-IN

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

#### OPENING ASSEMBLY

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

#### PICKUP

3:30 P.M. Building 54, Cafeteria

#### MAIL REGISTRATION TO: MS 7R0222

- No registration forms will be accepted after Friday 20 April
- Questions? Contact Joe Crippen at x5816

# DAUGHTERS AND SONS TO WORK DAY 2012

## Registration Information Packet

### PROGRAM SCHEDULE FOR CHILDREN 9 TO 12 YEARS OF AGE

All students ages 9 to 12 will be assigned to one of three groups, and they will participate in all the activities listed below.

**Parents may join students for lunch for an additional \$7.00.**

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

7:45	Registration	Cafeteria, Building 54
9:00	Opening Assembly	Building 50 Auditorium
9:45	1 <sup>st</sup> Workshop	Assigned Locations
11:15	2 <sup>nd</sup> Workshop	Assigned Locations
12:30	Lunch	ALS Patio (Building 6)
1:30	3 <sup>rd</sup> Workshop	Assigned Locations
3:00	Ice Cream Social & Sign-Out	Cafeteria, Building 54
3:30	All Students Must Be Picked Up	Cafeteria, Building 54

### PROGRAM DESCRIPTIONS FOR CHILDREN 9 TO 12 YEARS OF AGE

#### 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 explore Liquid Nitrogen. Learn about Liquid Nitrogen, its properties, and what it means to be nearly 200°C (320°F) below zero!

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#### CHEMICAL REACTIONS

Description: An ordinary ziplock bag becomes a safe and spectacular laboratory. Discover what happens when you mix chemicals that bubble, change color, get hot, and produce gas, heat, and odor.

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#### SCIENCE FESTIVAL

Get festive with the scientists at the Daughters and Sons to Work Day Science Festival! Find out what you can really see with a microscope, investigate the mechanism of a maglev train, explore electrical conductivity, and participate in several other fun and informative activities related to the work we do at Berkeley Lab.

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***Safety Note: All participants must wear closed-toe shoes, and their legs must be covered.***

# DAUGHTERS AND SONS TO WORK DAY 2012

## Registration Information Packet

### PROGRAM SCHEDULE FOR CHILDREN 13 TO 16 YEARS OF AGE

All students ages 13 to 16 will be assigned to one of three groups, and they will participate in all the activities listed below.

**Parents may join students for lunch for an additional \$7.00.**

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

7:45	Registration Cafeteria	Cafeteria, Building 54
9:00	Opening Assembly	Building 50 Auditorium
9:45	Guess Who	Building 54, Room 130B
11:15	Science Festival	Building 6 (N2 Parking Lot)
12:30	Lunch	ALS Patio (Building 6)
1:30	Discovering Density	Building 70A, Room 3377
3:00	Ice Cream Social & Sign-Out	Cafeteria, Building 54
3:30	All Students Must Be Picked Up	Cafeteria, Building 54

### PROGRAM DESCRIPTIONS FOR CHILDREN 13 TO 16 YEARS OF AGE

#### DISCOVERING DENSITY

Can you layer colored mystery liquids in a straw? Find out for yourself as you conduct experiments that explore density using secret formulas, salt solutions and puzzling scenarios.

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#### GUESS WHO

Your challenge is to guess who is who! Match the person with the job description to discover who some of the people at the Lab are and what they do. The answers may surprise you!

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#### SCIENCE FESTIVAL

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# DAUGHTERS AND SONS TO WORK DAY 2012

## 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 one only)

**(CHECK ONLY ONE)**  Hot Dog  Veggie Hot Dog

Registration fee for 1 guest total: \$30

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 one only)

**(CHECK ONLY ONE)**  Hot Dog  Veggie Hot Dog

Registration fee for 2 guest total: \$60

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 one only)

**(CHECK ONLY ONE)**  Hot Dog  Veggie Hot Dog

Registration fee for 3 guest total: \$90

Parent or Guardian Lunch Option:

Will you be attending Lunch?  Yes  No

Lunch Choice: (check one only)

**(CHECK ONLY ONE)**  Hot Dog  Veggie Hot Dog

Parent Lunch: Add \$7

**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)** \_\_\_\_\_

ALL CHECKS MUST BE MADE PAYABLE TO **UC REGENTS**

**TOTAL AMOUNT PAID: \$** \_\_\_\_\_

Send Guest Registration Form, Parent Consent Form, and Check to:  
**DSTW, CSEE, MS 7R0222** by Friday 20 April

*REGISTRATION IS LIMITED TO 120 STUDENTS*

# DAUGHTERS AND SONS TO WORK DAY 2012

## Registration Information Packet

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

Name (Lab Employee or Affiliate) \_\_\_\_\_

Department: \_\_\_\_\_

Division: \_\_\_\_\_

Extension: \_\_\_\_\_

Cell Phone: \_\_\_\_\_

Building/Room: \_\_\_\_\_

- **Please do not take your child off site** for lunch or out of workshops without making prior arrangements with CSEE staff before 20 April 2012. **(Please Initial)** \_\_\_\_\_
- 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. **(Please Initial)** \_\_\_\_\_
- Parents **MUST** come to the Cafeteria to pick up their children by 3:30 p.m. **(Please Initial)** \_\_\_\_\_
- **Photo / Video Release**

By participating in Daughters and Sons to Work Day, you give permission to The Regents of the University of California, the Lawrence Berkeley National Laboratory and to CSEE (collectively CSEE), and each of their agents, to use in connection with any publication (including but not limited to brochures, booklets, videotapes, reports, press releases, websites, including social media, and exhibits) any image or recording in which you appear, to use and cite any comment(s), verbal or written, you may make about the program, and to use your name in connection with any publication and in such manner as determined by CSEE.

By your arrival at the event, you hereby release and discharge the Regents of the University of California, the Lawrence Berkeley National Laboratory, the CSEE, as well as the Department of Energy (DOE) and the United States Government, and each of their officers, agents, servants, and employees, and persons, firms, or corporations contracting with, or acting on behalf of them, as well as their heirs, executors, administrators, successors, or assigns, from any cause of action, claim and/or demand of any nature whatsoever arising from the activities described in the preceding paragraph concerning use of your image, name, recorded voice and/or verbal or written comments you may make about the program. **(Please Initial)** \_\_\_\_\_

#### Please Print Legibly

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 (Signature) \_\_\_\_\_ 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 (Signature) \_\_\_\_\_ 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 (Signature) \_\_\_\_\_ Phone: \_\_\_\_\_

**Safety Note: To participate in the activities safely, all participants must wear closed-toe shoes and their legs must be covered: (Please Initial)** \_\_\_\_\_

Send Guest Registration Form, Parent Consent Form, and Check to:  
**DSTW, CSEE, MS 7R0222** by Friday 20 April

# DAUGHTERS AND SONS TO WORK DAY 2012

## Registration Information Packet

### VOLUNTEER REGISTRATION FORM (Please Print Legibly)

CSEE depends on volunteers to make this day possible for the 120 young future scientists and engineers that we host each year. We encourage you to volunteer in one or more of the following ways. All volunteers will receive complimentary T-shirts and lunch.

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**Name of Volunteer:**

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Department:

Division:

Extension:

Cell Phone:

Building/Room:

T-Shirt Size: (adult sizes)

 XXL XL Large Medium Small

Lunch Choice: (check one only)

(CHECK ONLY ONE)

 Hot Dog Veggie Hot Dog

Please check all of the following roles that would be possible for you.

- Chaperone (9:00 to 3:30)  
**Note: Without enough chaperones, some children may be turned away due to lack of supervision.**
- Registration (7:30 to 9:00)
- ALS Patio and N2 Parking Lot Set-Up (8:00 - 9:30)
- Lunch Monitor (12:30 to 1:45)
- Ice Cream Social (2:45 to 4:15)
- Assisting with a hands-on activity (9:30-11:15, 11:00-12:30, 1:15-3:00)

Send to: **DSTW, CSEE, MS 7R0222**  
by Friday 20 April

*Thank you again for your support that makes this experience possible.*