

NCCHPS

Northern California Chapter-Health Physics Society
May 2014



The NCCHPS May 2014 Dinner Meeting

Thursday, May 15, 2014

Oakland Yacht Club

6 pm Social

7 pm Dinner

8 pm Affiliate Recognition and Technical Presentation



Topic: “Fukushima in the News and Public Reactions”

Joel Cehn will discuss questions related to recent (past few months) news reports and public reactions related to Fukushima. He will also address his efforts to field questions raised on the HPS website and elsewhere.

About the Speaker: Joel Cehn discovered health physics when he landed a job at a Massachusetts nuclear power plant, after graduate school. There he measured radiation levels in the plant’s environs to assess its environmental impact. In 1993, after the Chernobyl accident, he was part of a medical mission to the Ukraine. He has also worked on environmental remediation projects in the U.S., Malaysia and Kuwait. Currently, he consults on radiation safety to various clients, including property owners, research laboratories, and a veterinary clinic. He lives by the Pacific Ocean in Cambria, California.



2014-2015 NCCHPS Board Member Elections Are Underway

NCCHPS member election instructions were emailed recently. Please follow the instructions to access the member-only election site:

<http://hpschapters.org/ncchps/elections/index.php>

The election website has information for each of our candidates. Any member in good standing that did not receive a ballot should contact the chapter secretary Kaitlin Engel kmengel@bl.gov

We look forward to your participation in this year's election. Remember, the election closes on May 5th at 5 PM!

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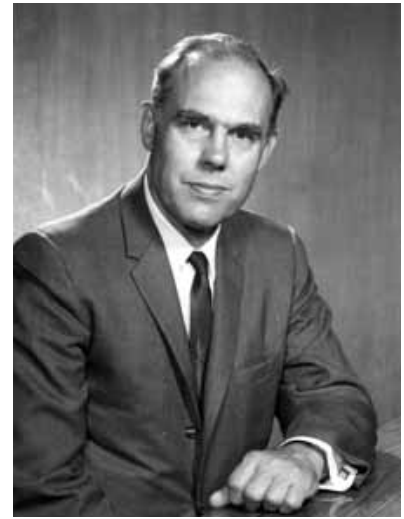


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Moyer Fellowship Report

The Burton J. Moyer Memorial Fellowship was established in 1984 by the Northern California Chapter of the HPS to memorialize the late UC Berkeley professor Burton J. Moyer and to encourage his ideals in the study of the safe use of radiation for the benefit of all people. The award is increased this year to \$9,000 and is accompanied by an \$800 travel grant to be used to attend the HPS annual meeting in the year awarded. The Burton J. Moyer Memorial Fellowship supports a full-time entering or continuing student enrolled in bona fide U.S. graduate programs in health physics or a closely related field. This is the most prestigious and generous fellowship in health physics. The rest of the HPS health physics fellowships consist of \$5,000. Last year NCCHPS raised its annual contribution from \$4,000 to \$4,500 and the HPS decided to match the raise. The Burton J.



Moyer Memorial Fellowship has been continuously awarded since 1985 for 29 years. A list of all recipients of the Burton J. Moyer Memorial Fellowship since its first award is available at the NCCHPS webpage under the “Moyer Fellowship” link <http://hpschapters.org/ncchps/moyerfund.php3>. NCCHPS B. Moyer Fellowship Committee has been actively involved in the screening and selection of the B. Moyer Fellowship Award recipient.

The current market value of the Moyer Memorial Fellowship Fund is \$113,776 as of April 15th, 2014. The stock market this year has been in roller-coaster influenced by modest US consumer confidence, concerns about China’s economy growth and international politics around Ukraine. The market value of the Moyer Memorial Fellowship Fund on January 14, 2014 was \$115,067. The drop in the market value since January 14, 2014 is 1.1%. Moyer Fellowship Fund money are invested into 7 Fidelity mutual funds and one money market account. The latter is used for disbursement of the NCCHPS annual cash contribution (\$4,500) to the Moyer Fellowship Award independent of the market swings. The Moyer Fellowship Fund assets allocation is 62% in domestic stocks, 21% in foreign stocks, 4% in US bonds and 12% in short term investments.

DONATIONS: This calendar year we received \$500 donation from the Vanguard Charitable Endowment Program. A larger number of contributions from chapter members even with a ‘small’ contribution would indicate that our chapter as a whole continues to support graduate study and education in health physics.

Consider a small donation (\$10-20 is OK) for the Moyer Fund.

Checks payable to NCCHPS may be sent to our treasurer, with the notation “For the Moyer Fund” or you can contribute when you pay for your dinner meeting. You may indicate if you wish your donation to remain anonymous.

Radoslav Radev, Chair, NCCHPS Burton Moyer Fellowship Committee

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Save the Date for an NCCHPS outing to an Oakland A's Game!

Saturday, August 2 @ 1:05 pm


Ticket price \$20/pp

(Field level seats at group discount rate if we get 25+ people in our group!)


More information to follow; RSVPs will be on the NCCHPS website




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10TH ANNUAL DEPARTMENT OF ENERGY
LASER SAFETY OFFICER WORKSHOP
August 19-21, 2014 • Livermore, California

Save the date
and plan to attend the 10th Annual Department of Energy LSO Workshop. This comprehensive workshop is for individuals with laser safety responsibility and interest in a research, industrial or academic setting who want to update and expand their laser safety knowledge. It features presentations on current laser applications and associated laser safety issues and solutions. Anyone interested in laser safety will not want to miss this unique workshop! The workshop also serves as the annual meeting of the U.S. Department of Energy Laser Safety Working Group (DOE - EFCOG).

The Workshop
is a 2.5-day meeting and will include both invited and contributed talks. Keynote speaker will be Jeff Wisoff, Acting Principal Associate Director for the National Ignition Facility and Photon Science Directorate. There will be a Vendor Exhibit and tours of the NIF and Jupiter Laser Facility on the afternoon of August 20th.

Certification Maintenance points will be available. The Board of Laser Safety will offer a CLSO/CMLSO exam on August 18th, just prior to the Workshop.

Additional information
is available on the Workshop website. The registration fee will be \$150 and includes the reception dinner.

For more information, including abstract submission, please contact the Workshop Chair: Jamie King, king75@llnl.gov or Organizing Chair: Trina Voelker, voelker4@llnl.gov

Vendor sponsored Banquet Dinner
Palm Event Center in Livermore on August 19th



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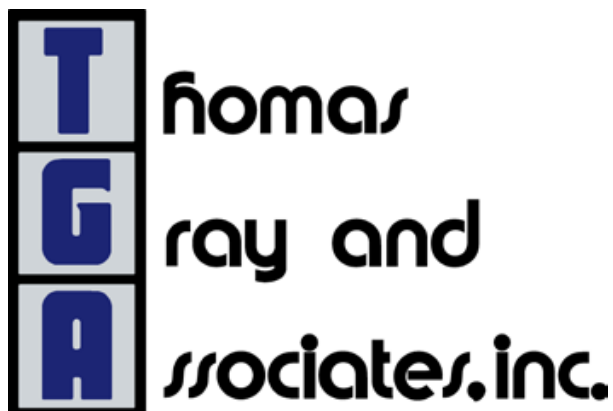
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(These classes are only offered once every two years and RADS 40A is a prerequisite for RADS 40B & 40C)



RADS 40A/B/C RADIATION SAFETY is a modularized series of courses designed to provide basic radiation safety instruction at a level understandable by the public and safety professionals. Covered are a broad series of topics about ionizing radiation (non-ionizing radiation is not covered in this course).

RADS 40A, Radiation Safety Basics, 2 units. Offered on Wed nights, 7:30-9:20 pm, Aug 20 – Dec 17, 2014. Topics include: Radiation fundamentals, radiation interactions, units and definitions, basic biological effects, radiation risk, and sources of radiation. Strongly Recommended: Mathematics 65, 71, or appropriate skill level demonstrated through the Mathematics assessment process.



RADS 40B, Emergency Response and Monitoring, 1 unit. Will be offered Jan 2015–Mar 2015 (enrollment permitting). Time and day of week TBD. Topics include: Radiation detector theory, external dosimetry, workplace monitoring, laboratory equipment and instrumentation, internal dosimetry, radiological accidents and emergencies, radiological counter terrorism and emergency response. Prerequisite: Radiation Safety 40A (completed with a grade of “C” or higher).



RADS 40C, Safety Controls and Regulation, 1 unit. Will be offered Mar 2015-May 2015 (enrollment permitting). Time and day of week TBD. Topics include: workplace engineering and administrative controls, transportation, waste, environmental aspects, standards, licensing, and regulations. Prerequisite: Radiation Safety 40B (completed with a grade of “C” or higher).



How to enroll or want more details?

Contact Las Positas College directly:

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925.424.1000

or
Phillip Broughton
UCB Health Physicist
LPC Adjunct Faculty
phil.broughton@berkeley.edu
510.643.8776

Greg Jones, CHP
LLNL Health Physicist
LPC Adjunct Faculty
jones88@llnl.gov
925.423.9875



<p><i>Upcoming NCCHPS Meetings...</i></p> <p>May 15, 2014 Affiliate Night Oakland Yacht Club Alameda</p> <p>Mailing Address: NCCHPS 4435 First Street #141 Livermore, CA 94550</p> <p>Email: ncchps@gmail.com</p> <p>Website: http://hpschapters.org/ncchps/</p> <p>Newsletter Editor: Warren TenBrook warren@tenbrook.org 925-423-1470</p> <p>Affiliate Liason: Nelson Chiu ncchpsaffiliatecontact@gmail.com (414) 559-5586</p>	<p><u>The Next NCCHPS Meeting!</u></p> <p>Thursday, 15 May 2014 Oakland Yacht Club 1101 Pacific Marina, Alameda CA 94501 (510) 522-6868 www.oaklandyachtclub.com</p> <p>Garden Lasagna - Squash, Egg Plant, Tomato, Mozzarella, Basil, Ricotta Grilled Salmon - served with Chimichurri Sauce Roasted Chicken - roasted with Thyme and Garlic, served with Au Jus Entrees will be served a Seasonal Green Salad with Red Wine Vinaigrette, Slow-Roasted Fingerling Potatoes and Ice Cream for Dessert.</p> <p>Cost: NCCHPS members \$30 (\$35 @ door) NCCHPS guests \$35 Students \$10 Non-members \$40</p> <p><u>Deadline:</u> Please register by Tuesday, 6 May 2014</p> <p>http://hpschapters.orgcchps/dinner.php3</p> <p><i>Cancellations are not accepted after the RSVP deadline.</i></p> <p>Only online registrations will be accepted.</p> <p>Contact jimdezetter@berkeley.edu ONLY if you encounter problems with the online registration</p>	<p><u>2013-2014 NCCHPS Board Members:</u></p> <p>President Jon Dillon dillon10@ltnl.gov (925) 423-6167</p> <p>President-Elect Greg Jones, jones88@ltnl.gov 925-423-9875</p> <p>Past President Jack Topper (925) 423-8082 topper1@ltnl.gov</p> <p>Secretary Kaitlin Engel, kmengel@lbl.gov 510-486-5827</p> <p>Treasurer Melissa Mannion MCMannion@lbl.gov (510) 486-4423</p> <p>Member-at-Large Jim DeZetter, jimdezetter@berkeley.edu 510-643-8765</p> <p>Member-at-Large Kaylie Hammersborg hammersborg1@ltnl.gov (925) 422-6846</p>
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