

NCCHPS

Northern California Chapter-Health Physics Society
March 2016



NCCHPS March 2016 Dinner Meeting Featuring National HPS President-Elect



Thursday, March 17, 2016

5:30 pm Social, 7 pm Dinner, 8 pm Presentation

Alameda Elks Lodge No. 1015, Alameda, CA

Licensing Legacy Depleted Uranium on Army Ranges

The Army developed the M28 Davy Crockett nuclear weapon system in the late 1950s for use against Soviet armor and troops if war broke out in Europe. It was deployed from 1962 to 1968 and included the M101 spotting round, which included depleted uranium. The Atomic Energy Commission issued a license to the Army that allowed the Army to fire the M101 during training. The license did not require the Army to recover the expended M101 rounds from its ranges. In 2005, during construction on a training range in Hawaii, an Army contractor found M101 debris. The Army reported this to the Nuclear Regulatory Commission in 2006, at which time the NRC required the Army to apply for a license to possess this DU on its Hawaii ranges and on ranges at fifteen other Army installations. This presentation will discuss the Davy Crockett weapon system and the M101 licensing history.

About the Speaker: Bob Cherry, PhD, CHP, FHPS, President-elect

Bob Cherry grew up in Detroit. He received the BS, MS, and PhD degrees, all in physics, from the University of Michigan. He enlisted for Officer Candidate School the day before the Army was going to draft him and became a second lieutenant in the Field Artillery. He served in the Netherlands and Vietnam before returning to Michigan to complete his graduate studies. He was an assistant professor of physics at Hamilton College for two years before returning to active duty as a Medical Service Corps officer, specializing in health physics. He was the radiation safety officer at an Army medical center, participated in the cleanup of radiological debris at Enewetak Atoll, and was a staff officer at the Army Health Services Command. On the faculty of the Department of Physics at the United States Military Academy for four years, he left with the academic rank of associate professor. Before retiring as a colonel in 2001, he was in the Pentagon as the Army Radiation Safety Officer for seven years, where his duties included establishing the first Army-wide radiation safety program. He returned to the Army as a civilian in 2009. He currently is the RSO on two NRC licenses for depleted uranium possession on 17 installations. He has been a member of the ABHP, which presented the William McAdams Outstanding Service Award to him in 2012. He has held elected offices in the HPS and two chapters (South Texas and Baltimore-Washington). He and his wife Yolanda live in San Antonio and have four children and seven grandchildren.



Dues Reminder for NCCHPS Members!

2016 Dues are due! If you have not received your Dues Notice, have questions, or would like to pay your 2016 dues, please contact the NCCHPS Secretary, Maranda Cimeno:

mcimeno@slac.stanford.edu

(650) 926-7978

President's Message

I am pleased to report that our chapter is very strong. At our last dinner meeting in January, we had over 85 attendees. Our President Elect, Lydia Tai has done an excellent job at lining up interesting technical speakers. With the help of Craig Maxwell, the board has also sought out exciting new locations and we very much welcome your feedback. The strategy here is to promote and enhance the networking opportunities for our chapter members in support of our Chapter's mission. We will continue to partner with other professional societies (e.g. ANS, AIHA) where we see the benefits of collaboration. In December, the NCCHPS has started a Twitter feed to provide more timely updates about everything from job openings to carpool offers to our dinner meetings. This is an opt-in service, so consider yourself invited to participate.

Our next meeting will feature the President Elect of the National HPS Mr. Robert Cherry. I encourage all our members to attend and even bring along a new colleague or friend who may wish to know more about our Chapter. Our chapter is always pleased to welcome new members and the website has the membership application available for download. I'm sure all will agree that our annual dues of \$10 are a bargain, but perhaps you would consider a 'pay it forward' moment and offer to a new member's first year of dues. A special word of thanks is in order for our wonderful Affiliate members who sponsor and offset the costs of our dinner meetings. With the coordination of our Affiliate Liason, Nelson Chiu, we are re-structuring slightly how the annual affiliate dues are collected. If you are an affiliate member or wish to join our Chapter as an Affiliate member, please contact Nelson Chiu.

The chapter will be supporting the Science Teacher's Workshop (co-sponsored by ANS) held in March at UC Berkeley. Our Affiliates' Night at the May meeting promises to be very popular and a great chance to see new products and services as we raffle away door prizes. We are beginning to look ahead to a summer activity – perhaps a baseball game in July or August. With so much going on in our chapter, please consider helping on a committee or running for office. Our nominating committee is starting to collect names now for next year's officers. I know many of you would make a great addition to the board.

Cheers!

Greg Jones

President, NCCHPS

<p><i>Upcoming NCCHPS Meetings...</i></p> <p>March 17, 2016 HPS President-Elect Bob Cherry</p> <p>May 19, 2016 Affiliate Night</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>Twitter: https://twitter.com/ncchps</p> <p>Newsletter Editor: Warren TenBrook warren@tenbrook.org (925) 423-1470</p> <p>Affiliate Liaison: Nelson Chiu ncchpsaffiliatecontact@gmail.com (414) 559-5586</p>	<p><u>The Next NCCHPS Meeting!</u></p> <p><i>Please note the no-host meet & greet begins a bit earlier than usual, dinner at the regular time</i></p> <p><i>5:30 pm- 7:00 pm no-host meet & greet, 7:00 pm – 8:00 pm buffet dinner, 8:00 pm announcements and presentation.</i></p> <p><i>The dinner meeting will be held at the historic Alameda Elks Lodge, conveniently located in Alameda</i> <i>Alameda Elks Lodge No. 1015</i> <i>2255 Santa Clara Ave</i> <i>Alameda, CA 94501-4416</i></p> <p>The buffet dinner menu will feature: Mixed greens salad Chicken marsala Poached salmon Vegetarian lasagna Garden wild rice, potatoes au gratin, and sweet peas with carrots Dessert, coffee and tea</p> <p>NCCHPS members \$30 (\$35 @ door without an online registration) NCCHPS guests \$35 Students \$10 Non-members \$40</p> <p>Please register by Midnight on March 7, 2016 using the form below. Only online registrations accepted.</p> <p>http://hpschapters.org/ncchps/dinner.php3</p> <p>Contact Craig Maxwell (craig.maxwell56@outlook.com) ONLY if you encounter difficulties registering online.</p> <p>Please note that in order to avoid unnecessary costs to the Chapter, you may be charged for no-shows. Cancellations may not be made after the RSVP deadline.</p>	<p><u>2015-2016</u> <u>NCCHPS</u> <u>Board Members:</u></p> <p>President Greg Jones jones88@llnl.gov (925) 423-9875</p> <p>President-Elect Lydia Tai Tai4@llnl.gov (925) 422-0475</p> <p>Past President Jon Dillon dillon10@llnl.gov (925) 423-6167</p> <p>Secretary Maranda Cimenon mcimeno@slac.stanford.edu (650) 926-7978</p> <p>Treasurer Melissa Mannion MCMannion@lbl.gov (510) 486-4423</p> <p>Member-at-Large Claire Vandevoorde cvandevoorde@illumina.com (650) 293-7329</p> <p>Member-at-Large Craig Maxwell Craig.maxwell56@outlook.com (415) 264-2983</p>
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