

May 2007

# NCCCHPS

The Newsletter of the Northern California Chapter of the Health Physics Society



## Mark Your Calendars!

*The final  
2007 NCCCHPS  
technical  
meeting date  
is*

*May 17, 2007,  
Hs Lordship's in  
Berkeley*

**Thursday, May 17, 2007  
Hs. Lordships, Berkeley**

**6 pm-Social Hour  
7 pm-Dinner  
8 pm-Presentation**

## **Affiliate's Night at NCCCHPS!**

### **About the Affiiate's Night:**

Affiliate's Night is our chance to thank the many supporters of NCCCHPS. Our Affiliates will introduce their products and services to the Chapter. There will be opportunities to visit Affiliate representatives, try out various products, and learn about their many services.

The Board will give a presentation about Chapter activities, including a presentation by the Local Activities Committee about the 2008 Midyear Meeting in Oakland.

We'll recognize the contributions of time and effort volunteers have already made toward making the 2008 meeting a success and lay out challenges in the year to come.

Our Affiliates and the Chapter will also provide a raffle with many exciting prizes for the attendees.

Check inside this issue of the Newsletter to find out more about our Affiliate's products and services.



During the the 2007 midyear meeting in Knoxville Elsa Nimmo, Linnea Wahl and Kathy Shingleton advertised the 2008 midyear meeting at the NCCCHPS booth. Get the latest update on the 2008 Oakland Meeting at Affiliate's Night!

# NCCHPS



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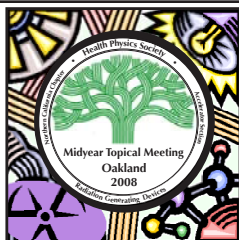
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## Local Arrangements Task Force Activities for the 2008 HPS Midyear Topical Meeting and Professional Development School UPDATE

- by Jim Tripodes

We are just nine months away from hosting our colleagues at the Oakland Marriott Convention Center, and if you are not already involved, it's time to think about getting engaged in at least one of the Local Arrangements Task Force (LATF) activities. The LATF, co-chaired by Kathy Dinnel-Jones, John Ahlquist and Dawn Banghart, welcomes your participation and suggestions. If you have a desire to assist in any way, please

contact any of the LATF co-chairs to volunteer. The LATF comprises the following active subcommittees and Points-of-Contact (POCs).

1. Technical Program (HPS responsibility): Accelerator Section reps - Scott Walker and Kamran Vaziri; NCCHPS rep - Elsa Nimmo
2. Plenary Session (HPS responsibility): Kevin Nelson (HPS President-elect), Scott Walker (HPS Accelerator Section President), NCCHPS rep - Dave Myers
3. Publicity: Jim Tripodes, Scott Walker, Dave Myers, Linnea Wahl, Kelly Classic (HPS Media Relations Liaison)
4. Professional Development School (HPS responsibility): Don Cossairt and Vashek Vylet (Academic Deans); Linnea Wahl (Administrative Dean)
5. HPS Annual Meeting/other professional meetings:
  - July 2007 HPS Annual Meeting - Kathy Dinnel-Jones. The most urgent need for your participation will be at the 2007 HPS Annual Meeting in Portland during the week of July 8th. If you can spend a little time in our booth, please contact Kathy at dinneljones1@llnl.gov to sign up for a timeslot.
  - J.Newell Stannard & 2007 AAPM - Dawn Banghart
  - 2007 Radiation Safety Officer meetings - John Pasinosky
  - ANS, AIHA, Cal Rad Forum, others? – Please contact any of the LATF co-chairs if you are attending a professional meeting during 2007. We would be happy to provide you with flyers to distribute!
6. Promotional Product Development (T-shirts, mugs, etc.): Kathy Dinnel-Jones, Michele Sundsmo, Oakland Convention & Visitors Bureau (OCVB), Oakland Marriott
7. Oakland Marriott relations: John Ahlquist, HPS Secretariat
8. Technical Tours: Ed Bradley, Bill Vermeere, David Kestell, OCVB, Oakland Marriott
9. Social Tours: Heidi Lach, OCVB
10. Finance: Quang Le, Bev DeOcampo, Marcia Torres (Accelerator Section Treasurer)
11. Website: Radoslav Radev
12. Hospitality Suite: Looking for a POC leading up to and during the 2008 Midyear Meeting!
13. Burton J. Moyer Fund "fun site" fundraiser during the 2008 Midyear Meeting: John Pasinosky, Radoslav Radev
14. Additional NCCHPS volunteers currently participating on one or more of the subcommittees: Nisy Ipe, Melissa Mannion, Todd Sundsmo, Dave Barron, Mike Calvert, Ted DeCastro, Kathy Shingleton, Lynn and Tim Smith, Warren TenBrook

### **MOYER FELLOWSHIP REPORT -**

#### **WHAT ARE YOU DOING WITH ALL THAT MONEY ????**

Did you get your tax refund yet? The Moyer Committee [Charles Schmidt, Julia Ryan and Bill Vermeere] suggests that now is a great time to make your contribution to our chapter's Moyer Fellowship Fund. What - you didn't get a refund? Well, plan ahead. Your donation is fully tax deductible. For more that twenty years our chapter has provided financial support to the Burton J. Moyer Fellowship which is awarded each year to the most outstanding applicant for HPS graduate fellowships. This year's recipient will be announced at the Annual Meeting in Portland.

We are very happy to announce that our board of directors has approved an increase of \$500 to our fellowship support, which is now \$4000 per year. This increase was possible in large part because of the continuing and generous financial support of our members. The national also gives \$4000 so the total stipend is \$8000 to the student. Please consider bringing a check to the May meeting, or mail to treasurer Quang Le, payable to NCCHPS with a notation that it's for the Moyer Fund.

Since last September, chapter members have contributed \$1975 to the Fund. Although our 'endowment' continues to generate income, we cannot always expect positive investment returns. It would certainly make us more comfortable if the current cash support was higher than 50%. We acknowledge and gratefully thank Mike Singh, John and Elsa Nimmo, Tom Crites, Mike Grissom, Patricia Durbin-Heavey and Charles Schmidt for their support of education in health physics.

So, let's expect many donations this meeting. It's our last chance for this chapter year.

# NCCCHPS



## NCCCHPS President's Column

The 2006-2007 dinner meeting season ends traditionally with the Affiliate's Night in the third Thursday of May in Hs Lordships restaurant in the Berkeley marina. This exciting meeting with raffle and prizes and plentiful opportunities for socializing and networking draws a big crowd. Throughout the season we had interesting topics and exciting speakers and dined in various gourmet restaurants around the Bay Area thanks to the efforts of John Pasinosky, our Treasurer Quang Le, and the Board as a whole. I would like to note that we had our meetings in 6 different establishments without repeating one – Francesco's, Scott's and Marriott's in Oakland, Pasta Pelican in Alameda, 19 Market Modern Vietnamese Bistro and Bar in San Jose, and Hs Lordships in Berkeley.

The ballots for the new NCCCHPS officers were distributed in early April. We have an excellent pool of candidates to choose from. All current NCCCHPS members (2007 dues paid by March 1) are eligible to vote. The Nominating Committee will count the ballots in the first week of May. Results of the election will be formally announced at the regular meeting of the NCCCHPS on May 17, 2007 (Vendor's Night).

NCCCHPS secretary Melissa Mannion has done a tremendous job in keeping the chapter business flowing smoothly for the past 2 years – membership information was impeccable, meeting minutes were comprehensive and timely, audio equipment for the speakers was always available. Thank you very much Melissa. I am so sorry that you are not staying longer on the Board. Todd Sundsmo also completed his term as NCCCHPS officer. He provided help wherever and whenever was needed, especially with the computer projector. Thanks Todd. Much kudos to Jack Elliott for his continued efforts to keep us informed via the e-mailing list and for his pictures of the dinner meetings which we enjoy looking at our web site. Warren Tenbrook did an excellent job in putting together wonderful NCCCHPS newsletters. Thank you very much Warren.

The Local Arrangement Committee (LAC) for the 2008 HPS Midyear meeting in Oakland (<http://hpschapters.org/2008midyear/>) has done a great job in preparation and popularization of the meeting: developed meeting flier and logo (kudos go to Warren Tenbrook) and distributed it to all HPS chapters, organized an advertising booth at the 2007 Knoxville meeting with brochures, looped video "Destination Oakland DVD", and three coffee table books for the raffle (see the picture) and is working on the social program. Our chapter is planning to have an advertising booth at the annual HPS meeting in Portland too. The LAC needs you to help manning the booth and to make the 2008 midyear meeting and professional development school a success. I will encourage all our members to contribute to the organization and popularization of this event. Please contact me ([radev1@lnl.gov](mailto:radev1@lnl.gov)) or the LAC chairs and co-chairs: Kathleen Dinnel-jones ([dinneljones1@lnl.gov](mailto:dinneljones1@lnl.gov)), Dawn Banghard ([banghart2@lnl.gov](mailto:banghart2@lnl.gov)) and John Ahlquist ([john.ahlquist@sbcglobal.net](mailto:john.ahlquist@sbcglobal.net)) and Linnea Wahl ([Lewahl@lbl.gov](mailto:Lewahl@lbl.gov)).

I would like also to encourage everybody to consider contributing a poster or oral presentation for the 2008 midyear meeting. The deadline for the abstracts is July 31, 2007; details are on the web and are published in the April's HPS newsletter.

As always, your financial support to the Moyer Fellowship Fund is greatly appreciated. We increased the NCCCHPS annual contribution with \$500 for a total of \$4,000. Starting with the next year the prestigious Burton Moyer Memorial Fellowship will be \$8,000. Our chapter also established a \$250 scholarship for Las Positas Community College student pursuing an AA degree in the area of radiation safety and general health and safety.

We are looking for a volunteer who can assist the HPS web master in keeping our web site current and make it more attractive. If interested, please contact me at ([radev1@lnl.gov](mailto:radev1@lnl.gov)).

**Radoslav Radev, President, NCCCHPS**

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For additional details, visit our website.

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We are pleased to announce that John Dixon is the winner of a lovely California wine country picnic basket, sponsored by the Northern California Chapter to promote the 2008 midyear topical meeting in Oakland. John won his prize by visiting our booth this past January in Knoxville and completing a brief survey of his preferences for technical and social tours in 2008. John, who works for the Department of Homeland Security, will enjoy a bottle of Napa Valley wine, sourdough nuggets, Sonoma cheese, and Ghirardelli chocolates. We wish to thank all who stopped by our booth and encourage everyone to mark their calendars for January 2008 in Oakland, where the midyear topical meeting and professional development school will serve up more northern California treats! (Photo: Michael Rennhack)

## 2008 Midyear Call for Papers



The Northern California Chapter and the Accelerator Section of the Health Physics Society are excited to host the 41st annual midyear topical meeting of the Health Physics Society, "Radiation-Generating Devices." This unique meeting is held approximately once every 10 years to meet the continuing needs of the health physicist who must embrace advances in understanding and controlling the health physics of radiation-generating devices. As the years pass, the technology used in health physics measurements has improved significantly. During the same time period, however, the construction and uses of accelerator and human-imaging facilities have also increased so that health physicists must work hard to assimilate and conduct cutting-edge research and insure adequate worker safety (even as the number of dollars for research efforts continue to decline). Fortunately, computers and electronics have advanced at an equal rate and provide the external tools necessary to support these cutting edge advances.

Oakland, the location of the 2008 midyear meeting, is quite appropriate since much of the research and advancement in accelerator health physics occurred nearby at the University of California, Berkeley. The initial accelerator development and application, shielding studies, accelerator-specific radiation detection instruments, skyshine observations, radionuclide transmutation, activation, neutron spectral techniques, high-energy radiation dosimetry, etc., were pioneered at the Radiation Laboratory, the Crocker Laboratory, and finally the Lawrence Berkeley National Laboratory. Medical use of radionuclides was also first introduced at the Lawrence Berkeley National Laboratory by Ernest Lawrence's brother, John. Thus the medical community also finds a strong tie to Berkeley, California.

Nor are radiation-generating devices limited to the Oakland and Berkeley: they are abundant throughout the greater Bay Area. Research accelerators are found at Lawrence Livermore National Laboratory and Stanford Linear Accelerator Center. Medical accelerators are located at the University of California at San Francisco; Stanford Medical Center; University of California at Davis Medical Center; and numerous Bay Area hospitals. In addition, the area is home to accelerator manufacturers (such as Varian) and to companies that use radiation-generating devices in homeland security applications (SAIC) and industrial applications (Bechtel and numerous radiography companies). Accelerators were the primary tool for Lawrence Berkeley and Lawrence Livermore National Laboratory researchers who were involved in the discovery of a myriad of new elements from 93 to 106 and recently in collaboration with Russian scientists for the discovery of the newest elements 113, 114, 115, 116, and 118.

Topics for papers have been greatly expanded as compared to previous midyear meetings on radiation-generating devices. We are now including the health physics of 1) medical imaging, medical therapy and medical physics, 2) research accelerator health physics including all types of research accelerators (electron, proton, and ion accelerators; spallation sources; storage rings; synchrotron radiation; and light source facilities), high-power lasers, RF devices, free-electron lasers (FELs), interlock advances, 3) human and cargo imaging for homeland security purposes (not even an entity at the last meeting), 4) industrial applications of accelerators (E-beam welding, sterilization, well imaging, composite curing, gem enhancement, 4) past, present, and future, health physics of medical imaging, accelerator facilities, homeland security, and industrial accelerators-- and 5) a broad range of general topics.

Please seriously consider submitting a paper to this important meeting. The meeting is being advertised world-wide and may include a large assembly foreign visitors. Thus, the meeting should be considered a must to those in the radiation-generating device community who communicate with and rely on input from the world-wide community. The deadline for submitting abstracts online at <http://hpschapters.org/2008midyear/abstracts/> in 31 July 2007.

Direct your input for our September 2007 newsletter to:

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NCCCHPS  
c/o Warren TenBrook  
P.O. Box 808, L-344  
Livermore, CA 94550

<http://hpschapters.org/ncchps/>

### The Next Meeting!!

Our May 17 meeting will be at Hs. Lordships at the Berkeley Marina.

The address is:

199 Seawall Drive  
Berkeley, CA 94710  
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Topic: Affiliates Night, including reports on the 2008 Midyear Topical Meeting, Oakland.

The dinner selections are:

Prime Rib of Beef  
Baked Salmon  
Pasta Primavera (vegetarian)

### Schedule:

6 pm-Social Hour  
7 pm-Dinner  
8 pm-Speaker

The deadline for making online reservations for the May 17 meeting is May 7!

NCCCHPS members - \$25 (\$30 at the door)  
Members' spouses - \$30  
Students - \$10  
Non-NCCCHPS members - \$41

Register for dinner ONLINE at  
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