

NCCHPS

Northern California Chapter-Health Physics Society

May 2018

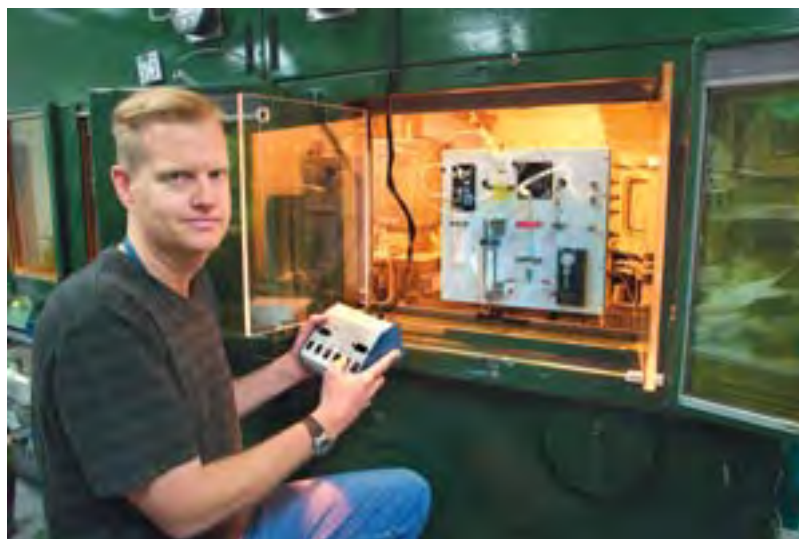


NCCHPS May 2018 Dinner Meeting and Affiliates' Night

Thursday, May 17, 2018

The Lake Chalet, Oakland

5:30 pm Social / 7 pm Dinner / 8 pm Affiliate Recognition and Technical Presentation



The Biomedical Isotope Facility at Lawrence Berkeley National Laboratory

The UC Radiation Laboratory, now the E.O. Lawrence Berkeley National Laboratory (aka LBNL, LBL, Berkeley Lab) has a long storied history of nuclear medicine research and the associated science and engineering to make it successful. After many decades of research and development, the Department of Energy funded the creation of the Biomedical Isotope Facility (BIF) at LBL. In 1995, the laboratory was completed, a commercial 11 MeV proton cyclotron was moved and sited, and research began "Dedicated to the Application of Nuclear Chemistry to Biology and Medicine". This mission quickly expanded to a variety of topics including nuclear physics, earth and environmental sciences, and targetry and target chemistry.

This presentation will provide, in a compact tie frame, and overview of an equally compact biomedical cyclotron, radiochemistry laboratory, and staff that aims to provide a wide variety of services to the Berkeley National Laboratory. Radiation protection and health physics aspects of running such a program at a Department of Energy laboratory will be emphasized.

About the Speaker: **James P. O'Neil, Ph.D.**

**Staff Scientist, Group Leader
Biomedical Isotope Facility
Lawrence Berkeley National Laboratory**

My relevant training began as early as high school where I began to develop a keen interest in chemistry. During my undergraduate work I completed both analytical chemistry and synthetic organic chemistry senior theses. My postdoctoral radiochemistry training with Mike Welch and colleagues at Washington University along with the mentorship of John Katzenellenbogen at the University of Illinois expanded upon a strong foundation of doctoral work in organic synthesis

that I received at the University of Utah. It is here that I started cross training with Henry VanBrocklin sharing my organic chemistry knowledge with Henry and he his radiochemistry knowledge with me. My position as a postdoctoral fellow at the Lawrence Berkeley National Laboratory (LBNL) provided the opportunities to apply this experience as well as to develop the skills in engineering and automation gained by operating, maintaining and further developing a prototype medical cyclotron and associated home-built radiochemistry systems.



Jim received a Bachelors of Science degree in Chemistry from CalPoly State University, San Luis Obispo in 1985 followed by a Ph.D. in Synthetic Organic Chemistry from the University of Utah, Salt Lake City in 1991. From there his education took a turn as he did a Postdoc with John Katzenellenbogen at the University of Illinois, Urbana-Champaign and began work in radiochemistry both in SPECT and PET diagnostic tracers. This was done as a collaborative effort with the Mike Welch group at Washington University, Saint Louis. In 1994 Jim did an additional PostDoc at the Lawrence Berkeley National Lab where he has remained as a scientist since. He is currently the Head of Chemistry and Radiochemistry at the Biomedical Isotope Facility at LBNL.

President's Message

Winter is over, May is coming! The May meeting is usually the most attended meeting of the year. Not only we have a technical talk, but we also have our Affiliate vendors visiting us. You will have ample time to see new products and to chat with our vendors. The registration will start at 5:30 to give you enough time to visit all stands. Raffles? Yes, do not forget to take your raffle tickets at each vendor you visit.

Upcoming election: We will have an election for the President-Elect, Treasurer and member-at-large positions. Thanks to our nominating committee for their effort on working with the candidates.

Looking forward to seeing you at the May meeting for Affiliates Night!

Ibrahim Ozcan, NCCHPS President

AMERICAN BOARD OF HEALTH PHYSICS

CHP Proctors Needed

Stanford will be hosting Part II of the ABHP Certified Health Physicist exam this year on July 18, 2018 at the Stanford University's Central Energy Facility (CEF). Dawn Banghart will be lead proctor and we are looking for two more CHPs willing to assist as proctors.

As Part I is now online, the exam will last from 12:30 - 6:30 pm. Please contact Dawn if you have any questions or would like to proctor.

Need: 2 Certified Health Physicists to assist as proctors for Part II of the ABHP exam.

Date/Time: July 18, 2018 12:30-18:30

Location: Stanford University's Central Energy Facility (CEF)
Einstein Conference Room 134
506 Oak Road
Stanford, CA

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2018 NCCHPS

Board of Directors Election

It's that time of year again! Nominations for the open positions of President Elect, Treasurer, and Member-at-large on the Board of Directors is now open! The elections will be held online again, so please look for an email for your ballot to review the candidates and cast your vote.

Please note the Chapter's initial ballot has been withdrawn. In order to proceed with the election, and fulfill requirements listed in our bylaws, we need one more individual to join Marcia Maria Campos Torres and Jim De Zetter on the nominating committee. Once we have that third volunteer, the committee and the Board will be looking to fill out the ballots with at least two individuals for each of the following positions:

- Member-at-Large (2-year term): The first year, you manage the logistics for our dinner meetings (find and book the venue and catering). The second year, you manage the presentation setup at the dinner meetings (computer, projector, and sound for the technical presentation).
- Treasurer (2-year term): You keep and maintain accounts of the NCCHPS's properties and business transactions. Submit an annual report to the Membership at the Annual Meeting, summarizing the financial status of the NCCHPS.
- President-Elect (total 3-year term): The first year, as President-Elect, your main responsibility is to find and schedule speakers for our dinner meetings, provide speaker biography and topic summary for the newsletter and website, and introduce the speaker before the presentation. The second year, as President, you ensure the dinner meetings run smoothly, manage communications with national HPS contacts, and do whatever else needs to be done. In the third year, as Past-President, you remain on the Board of Directors for continuity and fill in for others as needed.

When sufficient nominations are received by a complete Nominating Committee, an updated ballot will be sent to the Chapter.

Please note that we will expand the vote to include those that are current on dues through 2017. In order for your vote to count, however, you will need to be current on 2018 dues by the May Affiliate's Night meeting.

If there are any questions or concerns, please do not hesitate to reach out to the Board of Directors at ncchps@gmail.com. You may also reach out to the Board of Directors via the contact information located on the [NCCHPS webpage](#).

Burton J. Moyer Fellowship Committee Update

NCCHPS Board of Directors voted to increase its annual contribution to the Burton J. Moyer Memorial Fellowship from \$5,000 to \$5,500, starting in 2018, and to \$6,000 in 2019 to keep with the increasing cost of college education. We hope the HPS will consider matching the NCCHPS contribution, thus elevating the Burton J. Moyer Memorial Fellowship (BJMMF) stipend to \$11,000 and a year after that to \$12,000. The current value of BJMMF Fund is \$145,433 (4/10/2018). While the value of the fund fluctuates with the markets



ebb and flow, due to the markets performance and donations received in the past year, the overall value of the fund has grown by more than \$14,000.

NCCHPS established the BJMMF in 1985 and has provided financial support for the Fellowship for more than 30 years. We hope that the increased value of the Fellowship will serve to attract high-quality students to the profession of health physics, and mitigate some of their educational expenses.

Burton J. Moyer Fellowship Committee normally receives application packets of the top BJMMF Award candidates for review and ranking in late April. NCCHPS members who would like to participate in the review, ranking and selection of the BJMMF Award recipient should contact any member of NCCHPS Burton J. Moyer Fellowship Committee: Radoslav Radev, Chad Hopponen, and Kathy Shingleton.

We appreciate your donations to BJMMF Fund in any amount, no matter how small; the donations are tax deductible and will assist in ensuring BJMMF and NCCHPS continue to contribute to the improvement to the health physics community.

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 with one combined check. You may indicate if you wish your donation to remain anonymous.

We’d like to thank those who contribute regularly to the BJMMF—your contributions over the years have really made a difference!

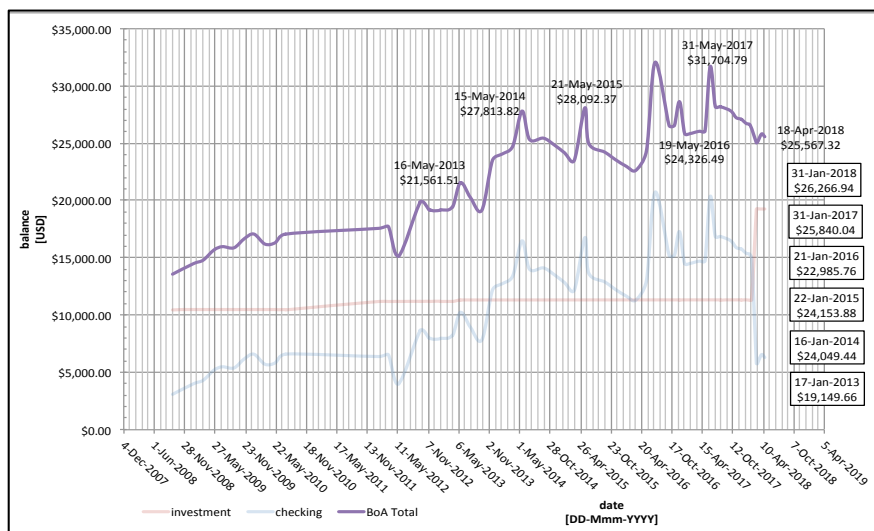
NCCHPS Burton J. Moyer Fellowship Committee



Health Physics Society

Northern California Chapter, Inc.

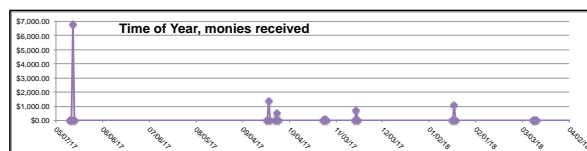
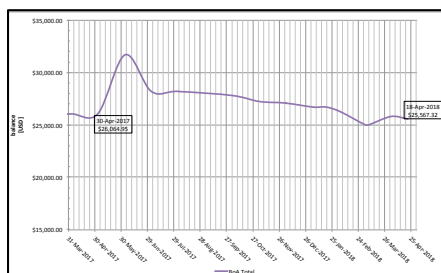
The state of the NCCHPS Treasury is strong.



The Chapters' purse - shown at left - has steadily grown, and overall the balance continues to trend higher.

The variability seen is an artifact of the Chapters' cycle of receipts and payments.

The two lower charts detail the Chapters' balance and revenue over the past 12 months; the largest spikes correspond to the receipt of Affiliate Dues.



These charts well depict the extent to which the Chapter's financial stability stems from the Affiliates. Thank you Affiliates!

The current state of the Treasury indicates the chapter will be financially secure into the foreseeable future.

A short presentation on the Treasury status will be provided at the May dinner meeting

2018 state of the Treasury

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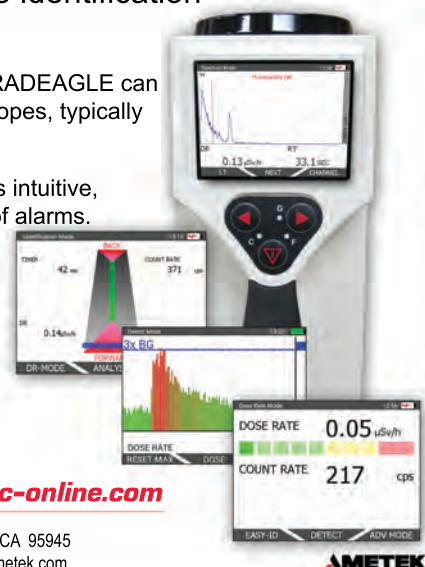
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<p><i>Upcoming NCCHPS Meetings...</i></p> <p>May 17, 2018 Affiliates Night</p> <p>Mailing Address: NCCHPS 4435 First Street #141 Livermore, CA 94550</p> <p>Email: ncchps@gmail.com</p> <p>Website: http://hpschapters.org/ncchps/</p> <p>Newsletter Editor: 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> Thursday, May 17, 2018</p> <p>5:30 pm no-host meet-and-greet 7 pm dinner 8 pm presentation</p> <p>The Lake Chalet 1520 Lakeside Drive Oakland, CA 94612 Phone: (510) 653-8282 Fax: (510) 653-8697 www.thelakechalet.com</p> <p>Dinner buffet selections will be served.</p> <p>Register by Midnight, Thursday, May 10 at the link below: http://hpschapters.org/ncchps/docs/pages/meetings.html</p> <p>NCCHPS members \$30 (\$35 @ door) NCCHPS guests \$35 Students \$10 Non-members \$40</p> <p>Only online registrations accepted.</p> <p>Contact Member-at-Large Heather Byrnes ONLY if you encounter difficulties using the form: byrnes7@llnl.gov</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>2017-2018</u> <u>NCCHPS</u> <u>Board Members:</u></p> <p>President Ibrahim Ozcan iozcan@lbl.gov (510) 495-2842</p> <p>President-Elect Maranda Cimen Genentech, Inc. cimeno.maranda@gene.com</p> <p>Past President Lydia Tai Tai4@llnl.gov (925) 422-0475</p> <p>Secretary Dan Hibbing (510) 643-9242 dhibbing@berkeley.edu</p> <p>Treasurer Chad Hopponen hoppyinhi@gmail.com (925) 422-7128</p> <p>Member-at-Large Paul Swearingen swearingen.paul@gene.com (650) 255-3088 (work)</p> <p>Member-at-Large Heather Byrnes (925) 422-1790 byrnes7@llnl.gov</p>
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