



NCCHPS

Mark Your Calendars!

The 2004-2005 NCCHPS technical meeting dates are listed below!

September 30

Francesco's in Oakland

November 4

Francesco's in Oakland

January 20

2005

Francesco's in Oakland

March 2005

TBD

April 2005

TBD

May 2005

TBD

Thursday November 4, 2004

@ Francesco's in Oakland

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



Speaker: Dr. Dan Strellis

Title: Protecting our Borders while Ensuring Radiation Safety

Radiation-producing devices are now being utilized or will be utilized shortly to protect our country from terrorist threats. These systems range from ⁶⁰Co gamma-ray imaging systems to 3-MeV mobile x-ray systems to pulsed fast neutron systems. Each system has its own radiation protection concerns. A survey of the available technologies and their radiation protection features will be presented.

About the Speaker:

Dan A. Strellis (Ph.D., Nuclear Engineering, University of California at Berkeley M.S. and B.S., Nuclear Engineering, University of Illinois at Urbana/Champaign)

Dr. Strellis joined Ancore Corporation as a staff Scientist in the fall of 2000. He is currently managing a program with the US Coast Guard to deploy man-portable inspection systems onto Coast Guard Cutters. He is also involved with the Pulsed Fast Neutron Analysis system being installed at the American/Mexican border in El Paso.

Prior to joining Ancore, he worked on his doctorate at the 88-inch Cyclotron facility at Lawrence Berkeley National Laboratory studying fission properties of light americium isotopes. He was a member the heavy element experimental research team. He was involved in many multinational heavy element chemistry and physics experiments including the first experiment to successfully describe a chemical property of barium, element 107.

Before his work at Berkeley, he worked at Argonne National Laboratory to help develop a chemical separation routine to remove transuranic wastes from radioactive waste streams.

Moyer Fellowship Update

At their last meeting, your board of directors approved matching contributions by the chapter to the Moyer Fund equal to 50% of member donations, up to \$2000. Hence it seems that we should set our contribution goal for this 2004-2005 chapter year at \$2000. This may be a challenge since our goal (achieved) for the past two years was \$1500. The directors obviously believe we can meet this objective, so remember that each \$2 you donate results in \$3 for the Moyer Fellowship.

This year, we contributed \$3000 towards the fellowship and next year we are increasing that amount to \$3500. After making the \$3000 contribution, our total assets for the Moyer Fund are as shown below:

Date	Symbol	Description	Quantity	Current Price	Current Value
10/14/2004	FTEXX	FIDELITY MUNICIPAL MONEY MARKET	18498.31	1	18498.31
10/14/2004	FBALX	FIDELITY BALANCED	458.253	16.47	7547.43
10/14/2004	FCNTX	FIDELITY CONTRAFUND	146.038	51.59	7534.1
10/14/2004	FDCAX	FIDELITY CAPITAL APPRECIATION	302.07	24.53	7409.78
10/14/2004	FDIVX	FIDELITY DIVERSIFIED INTERNATIONAL	339.873	25.39	8629.38
10/14/2004	FEQIX	FIDELITY EQUITY INCOME	151.061	49.66	7501.69
10/14/2004	FEXPX	FIDELITY EXPORT & MULTINATIONAL	414.898	18.15	7530.4
10/14/2004	FLPSX	FIDELITY LOW PRICED STOCK	208.883	35.63	7442.5
Grand Total					69093.59

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NCCHPS President's Column

We had a very successful meeting on September 30th. Over 80 people appeared to hear Dr. Amy Sands talk about "How Real is the Radiological Terrorist Threat?" This was a joint meeting with the local chapters of the American Nuclear Society and the American Association of Physicists in Medicine. We had attendees from as far away as Chico and Fresno. A number of UC Berkeley and Los Positas College students also attended. We welcome their participation. Thanks to all who helped make this meeting happen.

Congratulations are in order to Board Member Jim Tripodes who was recently selected by Governor Schwarzenegger to serve on the Southwestern Low-Level Radioactive Waste Commission which has the charge to help develop disposal options for low-level radioactive waste.

We are looking for volunteers to help in the following areas:

- Develop options for a place in the Bay Area to have the 2008 Topical Midyear Meeting on accelerators and radiation producing machines.
- Serve as the chair of the Education Committee.
- Be a point of contact for public information.

Please let me know [925-930-7718 or john.ahlquist@ucop.edu] if you're willing to serve in this capacity.

You will note that the cost for the November meeting has been reduced to \$20 and this includes two drinks thanks to our affiliate sponsor Genentech which is represented at this meeting by our treasurer, Rao Gorparthi, who is the Genentech RSO. We encourage you to come out and hear Dr. Dan Strellis of Ancore Corporation in Santa Clara talk on "Protecting Our Borders while Ensuring Radiation Safety." This meeting was originally announced as being held at Genetech. Because of some space conflicts, the meeting was moved to Francescos.

I look forward to seeing you on the 4th. Hopefully by then, we'll know who the next President of the United States will be.

John Ahlquist
President, NCCHPS

A message from the Health Physics Society Awards Chair Kenneth Kase

A generous member of the Health Physics Society has suggested that we establish a national award for the best paper on radiation benefits, risks and applications by a high school student, and will provide \$1000.00 annually for this award. I have discussed this offer with the Awards Committee and we decided to suggest to the donor that the criteria for the award be expanded to include projects as well as papers, and be extended to Junior High students as well. The donor has agreed. The idea is that we can begin the identification process through Chapters that are already involved with science fairs and science teacher workshops in their regions.

My request is that, for this coming school year, if your Chapter participates in a science fair and gives awards for projects that demonstrate radiation benefits, risks and applications, that you pass the information about your awardees, their projects and the criteria you used to determine the awardees to me as Chair of the Awards Committee. Also, if your Chapter participates in a Science Teacher Workshop, please publicize this award and request that any entries be sent to me at HPS headquarters (HPS, 1313 Dolley Madison Blvd., Suite 402, McLean, VA 22101 or hps@burkinc.com). Electronic versions are preferred. The paper should be no longer than 10 pages and should include appropriate reference citations.

The Awards Committee has not yet determined the details of this award, especially the number of awards to be given. So, the cash award for each awardee is not yet decided, but it will likely be in the \$250.00 to \$500.00 range. Entries would need to be submitted by 1 May 2005. The awardee(s) will be announced at the Annual Meeting in Spokane and the award(s) will be presented at a meeting of the Chapter(s) following the Annual Meeting. The award does not include travel expenses for the student.

The process described is a means to get this award in place for this year and to see what the response is. During this year we will begin discussions with the National Science Teacher Association to develop an effective way to publicize this award for future years. The awards Committee will also establish formal criteria for this award.

Thanks for your help.

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The NCCHPS January 2005 Meeting!!

Date: Thursday January 20, 2004

Location: Francesco's Restaurant in Oakland

Speaker: Ms. Ruth E. McBurney, President-Elect, Health Physics Society

Title: Health Physics and the Health Physics Society in a Changing Environment

Rapid changes are taking place in the external and internal factors influencing the profession of health physics--workforce, regulatory and global changes that have an impact on how we carry out radiation safety. These changes are also impacting the Health Physics Society and how the Society addresses these issues. The presentation will include time for discussion of new ideas from the chapters on how HPS can add value to membership and how the Society can best address the external and internal issues that affect our profession

About the Speaker:

Ruth E. McBurney is the Manager of the Radiation Safety Licensing Branch at the Texas Department of State Health Services. She has worked in the field of radiation protection for over 25 years, having served in both the Arkansas and Texas state radiation control programs. Ms. McBurney received a B.S. Degree in biology from Henderson State University in Arkansas and a M.S. degree in Radiation Sciences from the University of Arkansas for Medical Sciences. She has served on the U.S. Nuclear Regulatory Commission's Advisory Committee on the Medical Use of Isotopes and the FDA's National Mammography Quality Assurance Advisory Committee. Ruth is a Certified Health Physicist and is the current President-Elect of the Health Physics Society.



NCCHPS Thanks Rao Goriparthi and Genentech, Inc. !!

Our Affiliate Sponsor for the November Meeting

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Mailing Label

You can register for dinner ONLINE at www.ncchps.org!!

The Menu:

- 1) Fresh fillet of Pacific Red Snapper
 - 2) Pot Roast of Beef
 - 3) Eggplant Parmegiana
- Fresh Vegetables, Rolls & Butter

Schedule:

- 6 pm-Social Hour
No Host Bar
7 pm-Dinner
8 pm-Speaker

The Next Meeting!!

**Date: Thursday
November 4, 2004**

**Location: Francesco's
8520 Pardee Drive at
Hegenberger Road,
Oakland CA 94621**

Speaker: Dr. Dan Strellis
**Title: Protecting our
Borders while Ensuring
Radiation Safety**

**Registration Deadline:
Friday October 29, 2004**
\$20 Pre-registration
\$25 At The Door
\$10 Students

**Try Online Registration OR
Please contact:
Rao Goriparthi
raorso@gene.com**

**Comments/Questions to
the newsletter editor:
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zeman1@lInl.gov
925-423-3094**