



# NCCHPS

## Mark Your Calendars!

The 2005-2006 NCCHPS technical meeting dates are listed below!

September 22, 2005

Francesco's in Oakland

November 17,

2005

Francesco's in Oakland

January 19,

2006

Francesco's in Oakland

March 16,

2006

TBD

April 2006

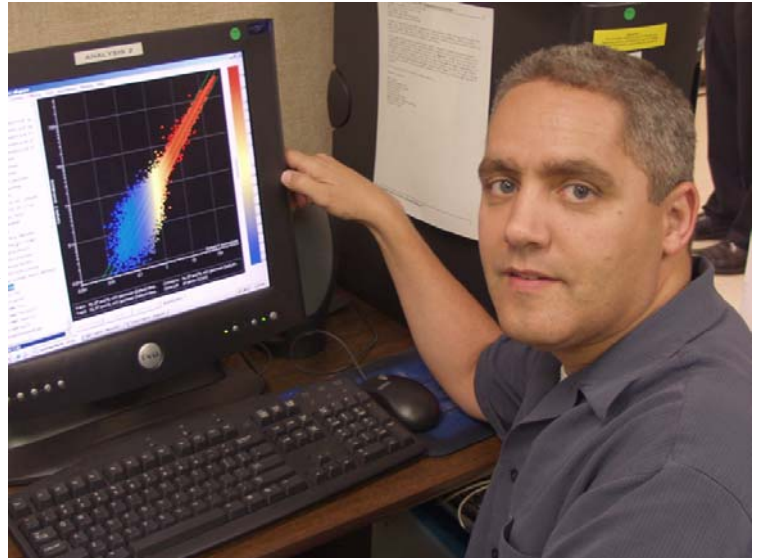
TBD

## Thursday November 17, 2005

### @ Francesco's in Oakland

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

**Speaker:** Dr. Matthew Coleman is currently a Project Leader in the Biomedical Division within Biosciences at Lawrence Livermore National Laboratory (LLNL), working on understanding ionizing radiation effects by comparing gene expression and proteomic changes in mammalian systems. His experiments have focused on defining a correlation for global gene expression patterns in response to low doses of ionizing radiation (< 10 cGy, ~ <1 Rem). His technical training is in molecular biology where he received his B.A. from the University of Massachusetts in 1987, and his Ph.D. in biophysical studies of proteins from Boston University in 1997. Dr. Coleman then completed a post-doctoral fellow at LLNL developing and applying genomic technologies. He has authored over 50 publications in peer-reviewed journals, published abstracts and book chapters covering a diverse breadth of molecular and biochemical biology as well as bioinformatics.



**Title:** "Understanding Cellular Responses Modulated by Low Doses of Ionizing Radiation"

**Abstract:** It is well established that high-dose exposures to ionizing radiation (IR) lead to diverse pathologies of skin and other tissues and to serious late-onset diseases including cancers. The long-term objectives of this research are to investigate the early cellular effects of low-dose exposures (1-10cGy, ~ 100 mRem-1 Rem) in human cells and to determine whether the early changes in gene expression (mRNA or protein) of specific gene/pathways are associated with subsequent risk for cytogenetic damage. This project will provide new knowledge of the early cellular responses to low-dose IR to reduce the uncertainty of assessing risk at low-dose levels. It is also expected to identify genes whose expression is associated with low dose IR exposure and susceptibility for other low dose related responses. The outcome of this research may have a strong scientific impact on the validity of the linear no-threshold model in health physics.

# NCCHPS



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## President's Column

The success of our Chapter depends upon the participation of you, the membership. There are currently various opportunities to serve the Chapter and we have more than 15 committees (<http://hpschapters.org/ncchps/committees.php3>). Needless to say that some of the committees are far more active than others. We are constantly looking for fresh ideas, and new people. If you are interested in serving on any of our Chapter committees please do contact me ([nisy@comcast.net](mailto:nisy@comcast.net)) or any one of the Board members. Let me also remind that the NCCHPS will be hosting the 2008 HPS summer meeting. I know that John Ahlquist will welcome your support and participation. Please contact him if you are interested in helping with this important event.

Regretfully I missed the last meeting, but I understand that it was a successful meeting and well attended. In order to accommodate the National HPS President Elect's changed schedule, Radoslav Radev has rearranged the speaker schedule. Please note the changes as shown in this Newsletter.

We continue to encourage all of you who can and especially our Affiliates to donate to the Moyer fund as this is indeed a worthy cause.

In addition to Radoslav Radev, John Ahlquist, Melissa Mannion, Rao Goriparthi, Todd Sundsmo, Jim Tripodes and I want to take this opportunity to acknowledge and thank some of the individuals who work behind the scenes to ensure smooth functioning of our Chapter activities. They are Jack Elliott and Don Busick (Membership Communications) Rachel Zeman (Newsletter Editor), Quang Le (Website), Julia Ryan (Science Teachers Workshop) and Jesse Hendricks (Affiliates Liaison.)

See you all at the next meeting.

Nisy E. Ipe  
President, NCCHPS

## The NCCHPS January 2006 Meeting!!

Date: Thursday January 19, 2006

Location: Francesco's

Speaker: Mike McMurphy, Vice President of Cogema group of companies

Title: "New Trends in the Global Nuclear Power Industry"

**Would you like to take an active role in NCCHPS? We're currently looking for volunteers to take on exciting tasks providing backup support for the Newsletter Editor, Website Administrator, and other functional positions within NCCHPS! If you're interested please contact our Members-At-Large Todd Sundsmo or Jim Tripodes.**

# 2006 HPS Midyear Topical Meeting!!!

## University, Medical, and Laboratory Health Physics

Join your colleagues in beautiful Scottsdale, Arizona, for the 39th Health Physics Society Midyear Topical Meeting at the Doubletree Paradise Valley Resort. The Resort is a 22-acre oasis of towering palms, manicured gardens, sparkling fountains, and pools.

The topic for the 2006 HPS Midyear Topical Meeting is "University, Medical, and Laboratory Health Physics". Subtopics include:

- Health Physics Aspects of Therapeutic and Diagnostic Medicine (Radiopharmaceutical Therapy, Brachytherapy/HDR, PET/CT, Shielding, Occupational/Public/Patient Dose Considerations)
- Radiation Safety Concerns in the Research Environment (University and Biotech Laboratories, Contract and Government Laboratories, Safety of Nonionizing Radiation Sources, Laboratory Security, Integrating Safety Programs)
- QA/QC Considerations (Instrumentation, Audits and Inspections, Benchmarking)
- Waste Disposal Issues (Radioactive/Biohazard/Chemical Mixed Waste, RAM Disposal Methods)
- Training (Measuring Effectiveness, Methods, Regulatory Requirements, Certification/Accreditation Issues) and
- Regulatory and Administration

The HPS and CRCPD invite members and other interested parties to participate. The technical program for the meeting begins with a Plenary Session on Monday morning followed by technical presentations Monday afternoon through Wednesday afternoon. The format will include both oral and poster sessions. For more information, please see the HPS website <http://hps.org>.

*A Special Thanks to Our November 2005 and January 2006 Dinner Meeting Sponsors!*

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**MOYER FELLOWSHIP UPDATE**  
(Charles Schmidt, Julia Ryan and Bill Vermeere)

Your Moyer Donation Dollars at Work (with apologies to Cal-Trans)



'At Idaho State University, Professor Richard Brey presents the Moyer Fellowship check to Nino Chelidze'

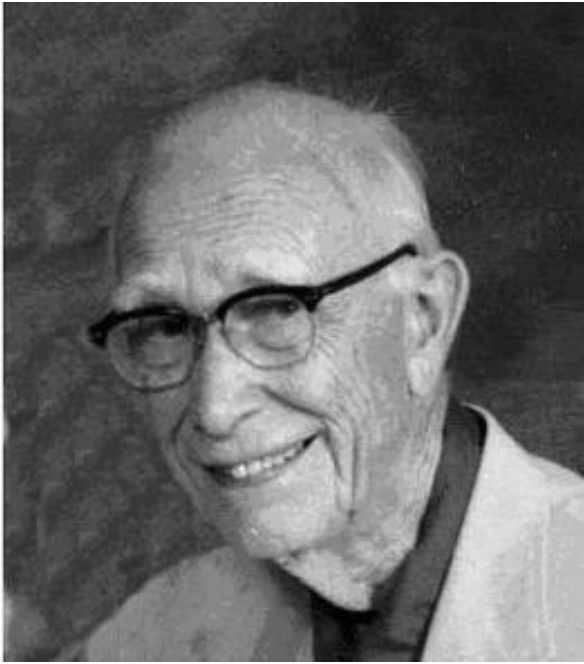
Donations by check may be given to our Treasurer, Rao Goriparthi, when you register at the dinner meeting. Checks should be made payable to NCCPS with the notation 'Moyer Fund' on the 'memo' or 'for' line  
Or, if you are not attending the meeting, you may mail your donation to:

Rao Goriparthi, NCCPS  
Genentech, Inc.  
One DNA Way, MS 71  
South San Francisco, CA 94080

The September 2005 NCCHPS Meeting!!



## *In Memoriam: Dr. J. Newell Stannard*



On September 19, 2005, we lost one of the giants of our profession, Dr. J. Newell Stannard.

January 2, 1910 to September 19, 2005

Dr. J. Newell Stannard, 95, of Rancho Bernardo died peacefully Monday evening surrounded by his loved ones at the Remington Club Nursing Home in Rancho Bernardo.

Newell developed the world's first Ph.D. program in radiation biology. He was associated with and taught at the University of Rochester School of Medicine and Dentistry from 1935 to 1975. After his retirement from teaching, he moved to Rancho Bernardo, California with his first wife Grace, where he was appointed adjunct professor of community medicine and radiology at the University of California, San Diego. Most of the research for and preparation of his 1900 page book, on "Radioactivity and Health, A History," was done from this fulcrum, along with continued service on national committees, both formal and informal.

Newell's contributions to research on the health effects of radiation and to the education of students in both basic and applied radiation protection began in the 1940's at the University of Rochester during the final days of the Manhattan project.

Newell received a P.H.D. from Harvard in 1935 in physiology and biophysics and was on the faculty of the University of Rochester until World War II. During the war he served as a Naval officer assigned to do research on respiratory physiology at the National Institutes of Health.

After the war he returned to the University of Rochester, where, in 1947, he was appointed assistant director for Education in the Atomic Energy Project. As director of this program in radiological physics and radiation biology, he! guided the education of hundred of students who are now or have been among the leaders in the Health Physics Profession. The number of graduates who have made significant contributions to Radiation protection and related professions in industries, education, research, medicine and government is beyond any attempt to measure. The legacy of Dr. J. Newell Stannard and the University of Rochester is huge and still growing.

Dr. Stannard recently said: "Mine has not been a spectacular career but it has been eminently satisfying and filled with chances to make a difference thanks to the love and support of family, friends and colleagues. I would like to be remembered primarily as a teacher, as one who helped pave the way for others to reach their full potential. Indeed having students who in time have had students, gives such a career an aura of immortality that is something to treasure."

Newell is survived by his wife Helena Ruth Stannard, daughter Susan Frazier and her husband Jack of Valley Center, CA., granddaughter Christy Malloy and her husband, Phil of Carlsbad, CA., Jack's son Jake and wife Diana, and Jack's daughters Patti, Tina, Katrina and her husband Russell, Helena's three daughters Dianne Eppler and her husband Ted of Hunters, WA., Bonnie DesRosiers of Rancho Bernardo, and Brenda Hanisee and her husband Pat of Haughton, LA., Helena's six grandchildren and eleven great-grandchildren from their combined families. His is also survived by his brother Robert and his wife Lettie of Wellington, OH, and his special niece and companion/caregiver of 26 years, Valerie Hoskins of Valley Center, CA.

A memorial service will be held at 2:00pm on Wednesday October the 12th, 2005 at St. Bartholomew's Episcopal Church in Po-way. In lieu of flowers, the family has requested any donations to be made to the J. Newell Stannard Graduate Scholarship Fund at the! University of Rochester School of Medicine and Dentistry,! Alumni Relations & Development in Rochester NY.

NCCHPS  
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# NCCHPS

[HTTP://HPSCHAPTERS.ORG/NCCHPS/](http://hpschapters.org/ncchps/)

## Mailing Label

You can register for dinner ONLINE at <http://hpschapters.org/ncchps/meetings.php3!!>

### 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 17, 2005

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

**Speaker:** Dr. Matthew Coleman

**Title:** "Understanding Cellular Responses Modulated by Low Doses of Ionizing Radiation"

**Registration Deadline:**  
Monday Nov. 14, 2005  
\$25 Pre-registration  
\$30 At The Door

Try Online Registration OR  
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