



Cascade Chapter



Avalanche

The official newsletter of the
Cascade Chapter of the Health Physics Society

Fall 2014 Issue

<http://www.hpschapters.org/cascade/>

President's Corner

Hello, I hope your summer has been great and that you had an opportunity to enjoy this unprecedented weather. If you didn't get the opportunity to join us at the spring meeting in Portland you may not have heard the results of the elections. Trang Marquez at the Seattle Cancer Care Alliance was elected secretary and has relieved Emily Caffrey. Thank you Emily for the great job the last couple of years and thank you Trang for volunteering your time to take on the secretary position. I relieved Phil Campbell as President and Jessie Puryear was elected to President – Elect. Thank you Phil for your leadership during your tenure. John Gough has been gracious enough to stay on as Treasurer.

During the summer, we usually take a break from most CCHPS activities. Now that fall is here, it is time to once again start thinking about our chapter and the direction we would like it to go. I think we can all agree that we would like the CCHPS to be active and healthy.

I am hoping to get us as a chapter more involved in our schools to expose students to health physics and hopefully inspire someone to join our ranks in the future. If you are in the position to donate your time or resources please reach out to us so we can get you on the list. Perhaps your child is having a career fair at school; you can man a booth and tell kids how great it is to work in radiation safety. We have brochures and key chains available for you to hand out, and we will happily send some to you. You may have other opportunities that I have not mentioned. If you need help from the chapter in anyway, please contact one of the Executive Council members, and we will see what we can do to support you. More to come on this at the fall meeting. If you decide that you would like to support the chapter in this way, please send an email cascadechapterhps@gmail.com.

I know we are all busy. Between work, friends, and family we barely have time to breath. Your contribution does not need to be big. All of you are already supporting the chapter by paying your annual dues and maintaining your membership. But I am challenging you to take a few minutes to think about it and decide if you are able to help out in some other way. You won't regret it if you

decide that you can.

There are many other opportunities available to support the chapter. Louie has worked on a new logo which you will get to see at the meeting. Our website is still in desperate need of a facelift. If you have the skills with web design, your help would be greatly appreciated.

I hope to see you at our next meeting in Olympia on November 7th, but in case I don't get a chance to talk to you – Happy Holidays!

-Stanley Addison

2014 Fall Meeting

Hello CCHPS Members! The Fall 2014 meeting is just around the corner, and will be held in Olympia, WA, at the Red Lion Hotel. Clyde Makinson, from OWT will be providing breakfast goodies.

Presentations

The presentations vary from CT dose monitoring to a HPS retrospective. The first presentation will be from Eric Hooper, Eric is the Radiation Safety Officer for MultiCare. With increased public awareness and new accreditation requirements, CT Dose Management has quickly become a "hot" topic for medical health physicists. Eric will present the current protocol review process implemented at MultiCare and discuss how automated dose tracking software has aided in identifying opportunities for improvement. The highlight of this presentation will be the review of CT dose trends as well as several case studies highlighting the importance of proper scanning technique and protocol review.

The second morning presentation will be from Andrew Thatcher. Andrew runs his own consulting firm and will be sharing a paper he recently presented on the environmental impact on fish from Fukushima

The afternoon presentations will include: High Temperature Steam Oxidation of Titanium-Coated Zircaloy-2 and Titanium-Zirconium Alloys by Jordan

Baczynski of the Boeing Corporation. Jordan is a recent graduate of University of Illinois with a MS in Nuclear, Plasma, and Radiological Engineering.

Lily Ranjbar will be presenting a follow up to her Spring presentation "Deposition of Coplanar Electrodes on CdZnTe crystals for a multi-element large volume gamma spectrometer".

The final speaker for the day will be Nancy Kirner, HPS President-Elect. Nancy's presentation is titled "Ten Things I've Learned as a Health Physicist". It's a retrospective on her career as a generalist HP, in the regulatory, university, and consulting venues.

Meeting Details

The 2014 Fall CCHPS Meeting will be held Friday November 7, 2013 in the Capitol Room at the Olympia Red Lion Hotel, 2300 Evergreen Park Drive SW, Olympia, WA.

Registration

Register for the meeting by sending an e-mail message to: cascadechapterhps@gmail.com. Please e-mail your registration by October 30th, and remember to include your lunch preference (meat or vegetarian). Also remember to indicate whether you will have a guest in attendance. You may also pay your CCHPS dues at the meeting, please refer to the dues section for prices.

Agenda

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| 9:00-10:00 | Registration (breakfast goodies provided) |
| 9:30-10:00 | Executive Council Business Meeting |
| 10:00-11:00 | Chapter Business Meeting |
| 11:00-11:40 | Presentation - "CT Dose Monitoring using Radimetrics" – <i>Eric Hooper, Radiation Safety Officer, Multicare</i> |
| 11:45-12:00 | Presentation - "Environmental Impact on Fish from Fukushima"- <i>Andrew Thatcher, Consultant</i> |
| 12:00-01:00 | Lunch |
| 1:00-1:45 | Presentation - "High Temperature Steam Oxidation of Titanium-Coated Zircaloy-2 and Titanium-Zirconium Alloys" – <i>Jordan Baczynski, Boeing Corporation</i> |
| 1:45-2:00 | Afternoon Break |
| 2:00-2:20 | Presentation- "Deposition of Coplanar Electrodes on CdZnTe crystals for a multi-element large volume gamma spectrometer".- <i>Lily Ranjbar, Oregon State University</i> |

2:30-3:00 Presentation- "Ten Things I've Learned as a Health Physicist"- *Nancy Kirner, HPS President-Elect*

3:00 Adjourn

Prices for the meeting are:

	Meeting Only	Lunch & Meeting
Member	\$25	\$30
Non-member	\$35	\$40

Menu

Breakfast

Fresh Orange, Cranberry & Apple Juices, Fresh Fruit Display, and an Assortment of Breakfast Breads with Preserves & Butter.

Lunch

Artisan Bread and Three Cheese Roasted Chicken - Breast of chicken stuffed with artisan bread, fontina, mozzarella and tangy provolone marinated in salsa verde and roasted golden brown.

Vegetarian Option: Penne Primavera
Penne pasta tossed with mixed seasonal vegetables, sundried tomato, mushrooms, olives and spinach in a rich tomato herb sauce with shaved parmesan.

Lunch entrees include fresh rolls, mixed garden greens, seasonal vegetables, chef's starch selection, dessert, coffee, tea, and assorted beverages.

Afternoon Break

Fresh fruit and cookies, assorted cold beverages.

Parking

Parking is available adjacent to the hotel.

Directions to the Meeting

From either North or Southbound I-5 take exit #104, US Highway 101. Take first exit, Crosby Blvd/Cooper Point Road. Off the exit turn right on Cooper Point Road. Take an immediate right onto Evergreen Park Drive. Turn right on Lakeridge Way (adjacent to Morris Business Park sign), and continue straight to the hotel entrance.

From HWY 101. Take the Crosby Blvd/Cooper Point Road Exit. Turn left over the freeway. Turn right at Evergreen Park Drive. Turn right at S. Evergreen Park Drive. Turn right into the Morris Business Park at Lakeridge Way, and continue straight to the hotel entrance.

[Click here for a map](#)

Chapter News and Announcements

RSO Roundtable

This July the First Annual Northwest Radiation Safety Roundtable meeting in Seattle was held at Fred Hutchinson Cancer Center. Between the informative presentations, excellent discussions, and sunny rooftop happy hour, we're thrilled with how it went and are already looking forward to next year's event. If you weren't able to join us this year please put a reminder on your calendar for next year.

This year we lost one of our esteemed colleagues Rainer Farmer. Rainier Farmer passed away June 5th after a brave but short battle with cancer. Rainier's tenure at OSU and the CCHPS spanned almost 30 years. His high degree of professionalism, expertise, and thoroughness will be greatly missed by all who knew him. Rainier's care and consideration for people around him was palpable and he leaves a legacy as an extremely dedicated husband, father, mentor, musician, and friend. To honor we would like to discuss naming the Fall meeting the Rainier Farmer meeting and the generation of a Rainer Farmer Memorial Scholarship Fund.

2015 Chapter Dues

We will be accepting payment of chapter dues for 2015. Dues for 2015 remain the same as last year: \$25 for Plenary membership, \$20 per person for Group membership, and \$12.50 for Student and Member Emeritus membership. You can pay your dues together with your meeting registration at the November 8th chapter meeting, or mail a check payable to CCHPS to the chapter secretary at the address shown below. More information about the different membership categories and the benefits of each type of membership can be found on the [CCHPS website](#).

Cascade Chapter Officers:

President:	Stanley Addison
President-Elect:	Jessie Puryear
Secretary:	Trang Marquez
Treasurer:	John Gough
Member-at-Large:	Joel Arana

Secretary Contact Info:

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