



## AMERICAN ACADEMY OF HEALTH PHYSICS

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### THE AAHP PRESIDENT'S MESSAGE

*Kathy Pryor*

As you read this CHP Corner, 2018 is drawing to a close. I'm writing this in early October and I am not ready to think about end-of-the-year things or the holidays racing upon us. This year has seen its share of challenges, but the Academy has had a good year; membership remains fairly constant at near 1,300 comprehensively certified and emeritus members, and 56 candidates were newly certified at the end of 2017.

Past President Kyle Kleinhans and fellow Academy member Armin Ansari assembled a great group of speakers for the Academy's special session on the "Potential Health Effects of Low Dose Radiation and the Role of the Radiation Protection Professionals" held at the HPS Annual Meeting in Cleveland in July. The special session was very well attended and (as described in the October 2018 *CHP Corner*), the presentations can be downloaded for viewing if you were unable to attend in person.



The finances of the Academy are being carefully managed by Treasurer Scott Schwahn and the Finance Committee and are in very good shape. The Academy has approximately \$800,000 in total funds distributed between cash, intermediate-term and long-term reserves. A portion of these reserves are being used for special projects to improve efficiency of the certification and recertification processes as described below.

This year has seen some exciting changes for the Academy and the ABHP! The most noticeable change has been to the **on-line examination management** and recordkeeping process. The ABHP worked very hard to implement the on-line system for the current year and it was a resounding success. The exam application process was conducted through the ABHP website including; submission, Board review, and notification of approval to sit for the exam. A commercial testing company was used to deliver Part I of the exam in Pearson VUE regional testing centers the week before the Annual Meeting. More changes are in store as the ABHP works to **transition to delivery of Part II at examination testing centers**.

With the relocation of the Burk and Associates offices to Herndon, VA, we undertook a project to improve long-term storage of AAHP and ABHP records. There were many boxes of old paper records that were taking up a lot of space. We have contracted with a commercial entity to collect all of the paper records and scan them into electronic format for long-term storage.

We've made some **changes to the policies regarding payment of annual maintenance fees**, as described in the September *CHP Corner*. The new policy requires that maintenance fees be paid annually and the ability to delay payment until the end of the recertification period has been eliminated. Invoicing will now cover the following year of Academy membership rather than the preceding year. The new policy will allow us to keep the CHP roster more up to date and bring the Academy into compliance with generally accepted accounting practices.

And more changes are in motion for 2019. As of this writing, the Executive Committee has approved participation in the ICRP "Free the Annals" Campaign. For a fairly modest donation from the Academy's reserve funds, Academy members will have **free access** to the **library of ICRP reports** and will be able to download pdfs to their computers for a period of one year. Following that year, if the ICRP is successful in raising enough funds, all but the most recent 2 years of reports will be available for free access indefinitely.

During the upcoming year, we will be rolling out a new membership database and **new webpages for the Academy**. This should facilitate applying for recertification and allow Academy members to update their membership directory information.

I would like to take this opportunity to thank the entire Executive Committee for their hard work on behalf of the Academy. February 2019 will see Andy Miller take the helm as President of the Academy, with Jay Tarzia as the President-elect. Our new Treasurer Pat LaFrate and new director Liz Brackett will also begin their terms of office. Thanks also to all our committee chairs and members for their service to the Academy, to the ABHP, and the Part I and II Panel of Examiners for doing an outstanding job in advancing the certification process. As always, special thanks are due to our Program Director, Amy Wride-Graney, for all of her hard work in supporting both the Academy and the ABHP.

Lastly, I want to encourage all CHPs to be members of the Health Physics Society. The HPS supports the Academy through providing venues at the Mid-Year and Annual Meetings for our Academy training courses, as well as opportunities for obtaining continuing education credits through the HPS Professional Enrichment Program courses.



### **ABHP EXAM APPLICATION REMINDER**

Applications to take either part of the 2019 ABHP examination must be completed on-line by **15 January 2019**.

The application process went "live" on 15 November 2018. A link and application information may be found [here](#).

## CALL FOR NOMINATIONS – DAVIS AWARD

The American Academy of Health Physics (AAHP) has established the **Joyce P. Davis Memorial Award** in recognition of her dedication to the advancement of health physics and her humanitarian efforts to uphold the ethics of the profession. The recipient of this award should demonstrate excellence in professional achievement as well as being a champion of professional standards and ethics.

Those eligible for the award must be:

- (1) A member of AAHP for at least 10 years
- (2) A demonstrated champion of professional standards and ethics, and
- (3) Recognized for exemplary professional practice of health physics to the AAHP or the ABHP

**Nominations** for the award can be made by any member of the Academy. Nominations should include:

- A brief biographical résumé of the nominee's career and service to the profession and the AAHP
- A nomination letter describing how the candidate has championed professional standards and ethics during their career, and
- At least three reference letters in support of the nomination

This material should be submitted to the Chair of the Professional Standards and Ethics Committee (Todd Davidson) **on or before 01 March 2019**.

The Selection Committee for this distinguished award is comprised of the AAHP Professional Standards and Ethics Committee, the Past-President of the AAHP, and the Past-Chair of the ABHP.

The award will be presented at the AAHP luncheon during the Annual HPS Meeting in Orlando.

## CHP SALARY SURVEY FOR 2019

*Gary Lauten*

### Introduction

The 2018 Certified Health Physicist (CHP) survey data was collected by having CHPs submit their responses to survey questions on a web- based data entry form. As was done in previous years, data was collected in conjunction with a salary survey of the entire Health Physics Society (HPS). Questions about this survey should be directed to Gary Lauten [chpsalarysurvey@yahoo.com](mailto:chpsalarysurvey@yahoo.com)

## Data Analysis

The salary ranges marked by CHPs on the completed survey forms were rounded to the midpoints of those ranges before statistical analyses were performed. Responses from CHPs who were either part time or retired were not analyzed, since the data did not allow meaningful comparisons to be made.

To minimize skewing the results, data from twelve survey respondents were excluded from the data analysis because they indicated that they earned less than \$62,500 or more than \$210,000 per year.

## Data Presentation

CHPs were subcategorized in several ways by education, primary job responsibility, years of experience, and combinations of these subcategories.

Readers are advised that for statistical validity, results were given only if there were 10 or more CHPs within that subcategory. Data presented for one subcategory of CHPs may not be possible for another subcategory. The subcategories in the tables may also change from year to year, depending on the number of responses received. Every effort was made to keep the subcategories consistent with previous surveys.

Tables show results for full-time CHPs who received health, vacation, and retirement benefits from their primary employer (unless otherwise noted).

The four major regions of the United States, as defined by the U.S. Census Bureau, are:

- Northeast (Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont)
- Midwest (Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, Wisconsin)
- South (Alabama, Arkansas, Delaware, District of Columbia, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, West Virginia)
- West (Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, Wyoming)

**Table 1: All CHPs**

	<b>Count</b>	<b>Average</b>	<b>Median</b>	<b>Max</b>	<b>Min</b>	<b>Std Dev</b>
CHPs	228	\$138,852	\$140,000	\$210,000	\$66,250	\$30,532

**Table 2: CHPs by Education and Field**

	<b>Count</b>	<b>Average</b>	<b>Median</b>	<b>Max</b>	<b>Min</b>	<b>Std Dev</b>
Bachelors Health Physics	20	\$127,750	\$126,250	\$176,250	\$76,250	\$28,137
Bachelors Other Field	16	\$135,313	\$132,500	\$193,750	\$98,750	\$25,181
Masters Health Physics	104	\$140,428	\$142,500	\$210,000	\$66,250	\$30,883
Masters Other Field	26	\$136,058	\$137,500	\$203,750	\$71,250	\$34,021
Masters Nuclear Engineering	14	\$133,750	\$133,750	\$198,750	\$78,750	\$32,315
Ph.D. Health Physics	23	\$147,283	\$146,250	\$210,000	\$103,750	\$26,811

**Table 3: CHPs by Education and 6-15 Years of Experience**

	Count	Average	Median	Max	Min	Std Dev
All CHPs 6-15 yrs Experience	55	\$118,659	\$118,750	\$193,750	\$73,750	\$24,865
Masters Health Physics	22	\$121,364	\$120,000	\$193,750	\$73,750	\$26,373

**Table 4: CHPs by Education and >15 Years of Experience**

	Count	Average	Median	Max	Min	Std Dev
All CHPs >15 yrs Experience	171	\$145,304	\$146,250	\$210,000	\$66,250	\$29,308
Bachelors Health Physics	11	\$147,159	\$143,750	\$176,250	\$106,250	\$20,954
Bachelors Other Field	15	\$136,917	\$136,250	\$193,750	\$98,750	\$25,204
Masters Health Physics	81	\$146,027	\$146,250	\$210,000	\$66,250	\$29,985
Masters Other Field	11	\$142,303	\$146,250	\$203,750	\$71,250	\$31,889
Ph.D. Health Physics	21	\$149,643	\$148,750	\$210,000	\$103,750	\$26,894

**Table 5: CHPs by U.S. Regions**

	Count	Average	Median	Max	Min	Std Dev
Northeast	43	\$136,541	\$133,750	\$203,750	\$71,250	\$36,015
Midwest	34	\$136,250	\$137,500	\$181,250	\$78,750	\$23,589
South	71	\$137,922	\$138,750	\$210,000	\$71,250	\$29,946
West	58	\$144,366	\$145,000	\$207,000	\$66,250	\$28,030

**Table 6: Masters Health Physics and Primary Employer**

	Count	Average	Median	Max	Min	Std Dev
Federal Government	19	\$139,539	\$146,250	\$166,250	\$103,750	\$20,818
University	18	\$121,526	\$115,000	\$206,216	\$71,250	\$38,054
National Laboratory	17	\$146,294	\$151,250	\$207,000	\$66,250	\$33,799
Government Contractor	12	\$138,125	\$141,250	\$176,250	\$98,750	\$22,211
Other Commercial	13	\$152,981	\$156,250	\$201,250	\$106,250	\$24,139

**Table 7: All CHPs by Other Certifications**

	Count	Average	Median	Max	Min	Std Dev
NRRPT	43	\$134,872	\$133,750	\$207,000	\$71,250	\$26,798
Other	36	\$142,049	\$142,500	\$210,000	\$71,250	\$28,550

**Table 8: Masters Health Physics and Primary Job Responsibility**

	Count	Average	Median	Max	Min	Std Dev
Applied Health Physics	29	\$137,284	\$141,250	\$193,750	\$71,250	\$29,810
Dosimetry	10	\$140,000	\$137,500	\$163,750	\$101,250	\$19,338

**Table 9: All CHPs by Primary Job Responsibility**

	Count	Average	Median	Max	Min	Std Dev
Administration	13	\$162,267	\$161,250	\$207,000	\$111,250	\$32,139
Applied Health Physics	67	\$134,683	\$136,250	\$203,750	\$71,250	\$30,141
Dosimetry	23	\$133,750	\$136,250	\$178,750	\$71,250	\$25,395
Environmental	18	\$143,056	\$145,000	\$198,750	\$106,250	\$25,865
Medical Health Physics	17	\$153,750	\$163,750	\$210,000	\$73,750	\$37,173
Power Reactor	15	\$133,750	\$128,750	\$201,250	\$98,750	\$30,089
Regulations/Standards	18	\$139,444	\$147,500	\$188,750	\$96,250	\$24,190

**Table 10: CHPs as Professional Staff (All CHPs in this Category and by Education)**

	Count	Average	Median	Max	Min	Std Dev
All CHPs in this Category	103	\$130,692	\$131,250	\$181,250	\$66,250	\$25,283
Masters Health Physics	48	\$132,188	\$136,250	\$166,250	\$66,250	\$24,083
Masters Other Field	11	\$124,659	\$128,750	\$156,250	\$71,250	\$26,699
PhD Health Physics	13	\$143,173	\$148,750	\$178,750	\$103,750	\$23,500

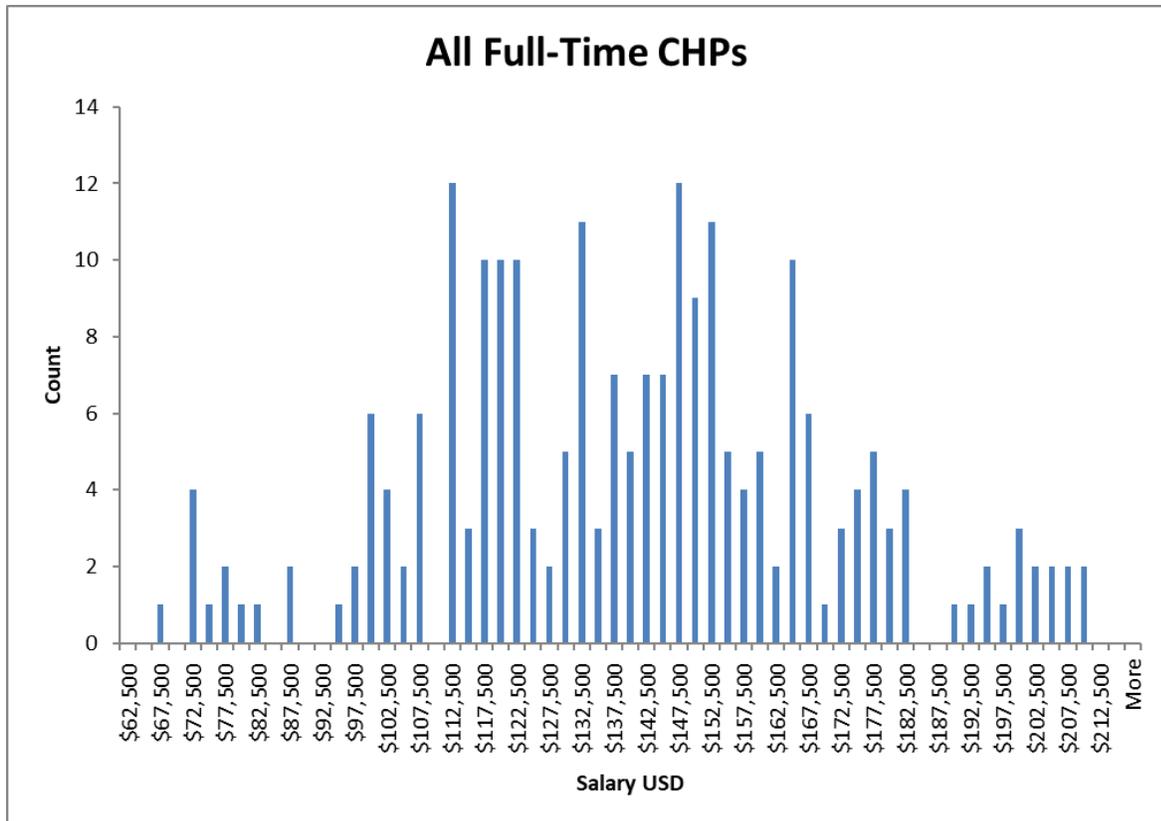
**Table 11: CHPs as Supervisor of Professional Staff (All CHPs in this Category and by Education)**

	Count	Average	Median	Max	Min	Std Dev
All CHPs in this Category	47	\$140,293	\$141,250	\$201,250	\$76,250	\$28,464
Masters Health Physics	22	\$145,227	\$146,250	\$201,250	\$101,250	\$25,931

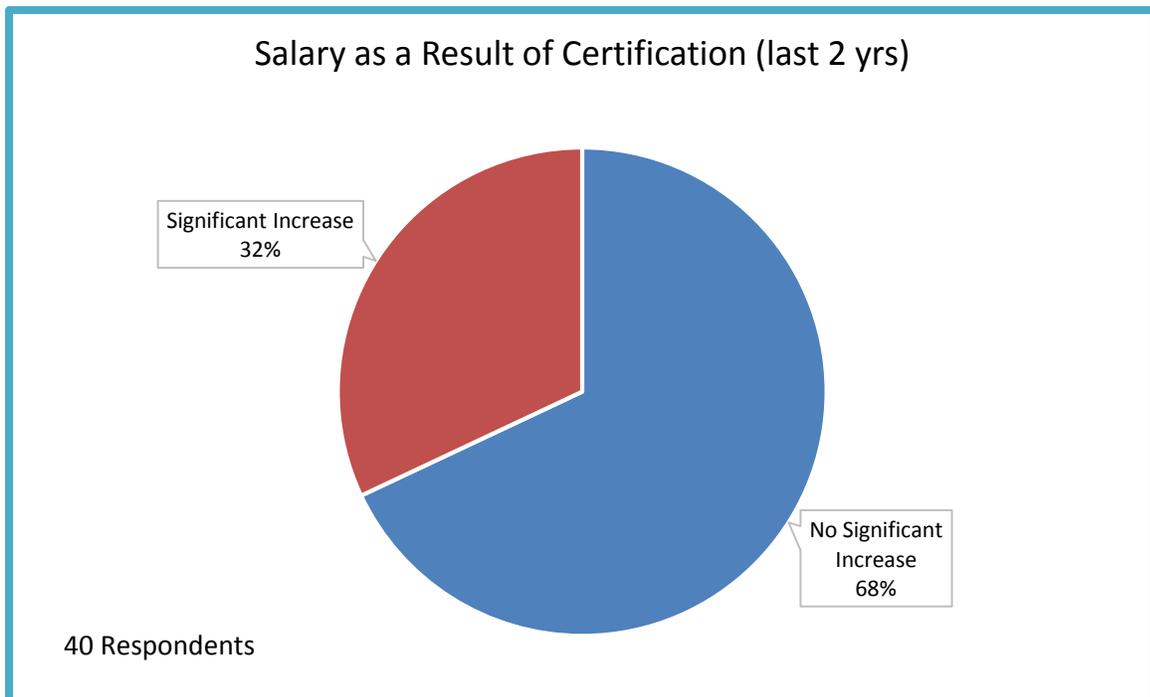
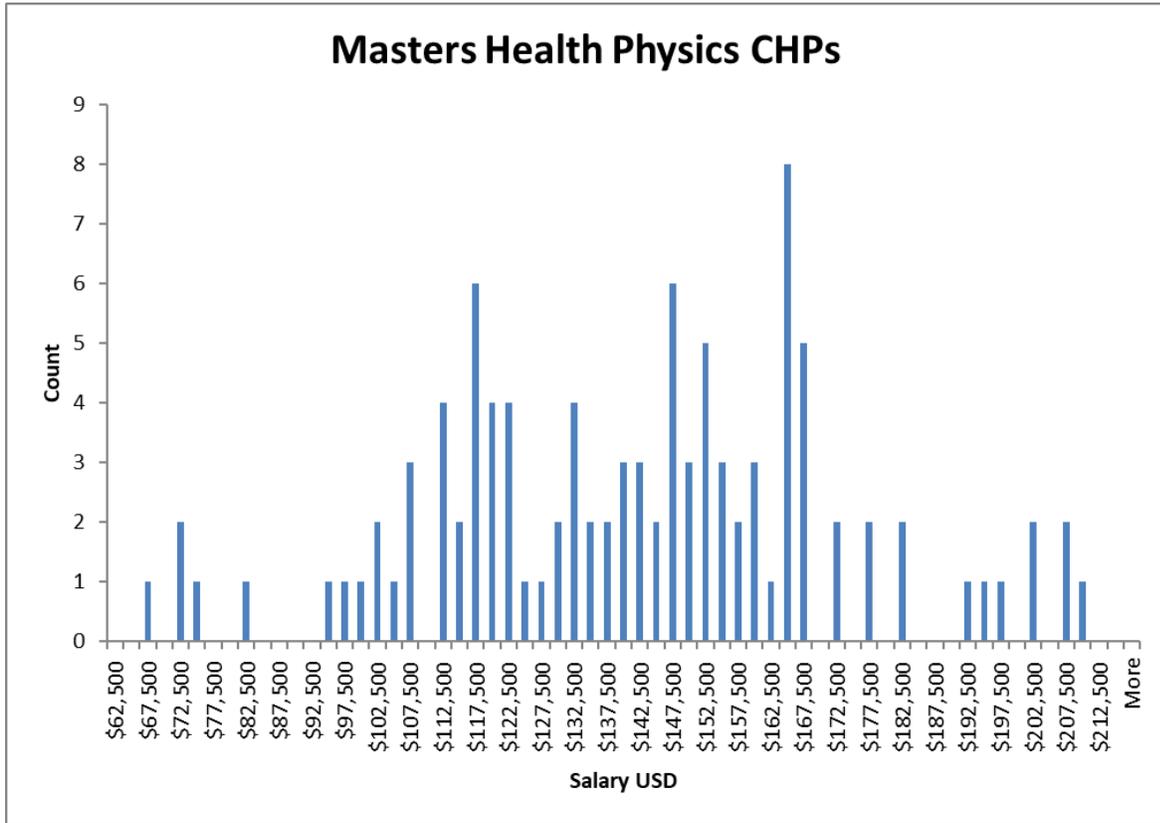
**Table 12: All CHPs as RPM/RSO, University RSO, Medical RSO, University-Med RSO**

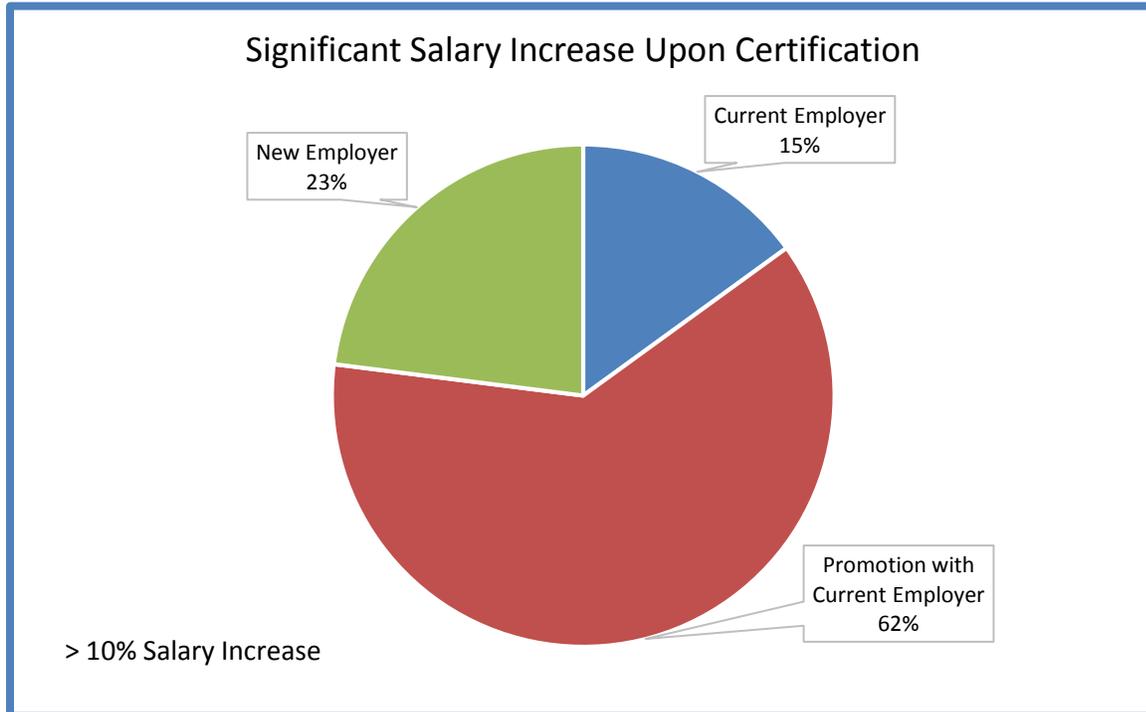
	Count	Average	Median	Max	Min	Std Dev
All CHPs RPM/RSO	24	\$155,448	\$156,250	\$207,000	\$111,250	\$27,543
All CHPs University RSO	18	\$117,639	\$117,500	\$161,250	\$71,250	\$27,119
All CHPs Medical RSO	15	\$162,750	\$163,750	\$210,000	\$111,250	\$33,919

**Figure 1: Histogram of Table 1 Data**



**Figure 2: Histogram of Table 2 Data**





#### Acknowledgements

Thank you for participating in this survey. Your confidential data benefits the entire health physics community, and is never shared such that it would be possible to identify individual participants.

#### **TIME FOR NEW TALENT!**

*Harry Anagnostopoulos, Editor*

It's time to pass the torch. If you are interested in contributing your skills to the Academy and your peer CHPs, please consider a role as the Editor of the *CHP Corner*. Contact me at [Harold.anagnostopoulos@nrc.gov](mailto:Harold.anagnostopoulos@nrc.gov) for more information.