

N · E · W · S

STATE OF THE ACADEMY ADDRESS

John Frazier

President of the American Academy of Health Physics

As I near the end of my year of service as President of the American Academy of Health Physics, I would like to thank my fellow Certified Health Physicists (CHPs) for entrusting me with this important role. During this year, I have become more aware of the contributions of prior leaders of the Academy who established a very efficient and effective organization. I have done my best to maintain and enhance the legacy of those leaders to achieve the goals of the Academy.

Those goals are summarized in our Strategic Plan and address four main areas, namely:

- Maintain a high-quality accreditation process
- Provide educational opportunities for CHPs and other radiation safety professionals to maintain superior skills and knowledge
- Maintain high standards for the practice of health physics, and
- Enhance the value of certification

I believe these goals have been met this year, through the efforts of the large number of volunteers who donate their time on Academy committees and the American Board of Health Physics. The following is a brief summary of some of the work of those volunteers in 2012.

I can report that the first goal was met through the hard work and dedication of the American Board of Health Physics, led this year by Board Chair C. A. “Gus” Potter, with key leadership from Part I Panel Chair Jay Tarzia and Part II Panel Chair Glenn Sturchio. The many hours contributed by the examination panel members to prepare and grade the 2012 examinations reflect the commitment of panel members to have the highest quality certification exam. Gus provided a brief update of some of the work of the Board in the September 2012 issue of *CHP News*.



The team that ensured that the overall examination process ran smoothly was coordinated by Executive Secretary Nancy Johnson. She directed or performed the work of each of the administrative steps of the examination process – from processing exam applications (over 300 this year) to notifying each candidate of the results – and all of the numerous steps in between.

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This year Janine Katanic did an outstanding job as Chair of the Academy’s Exam Site Selection Committee, which ensured that a sufficient number of examination sites, with trained proctors to administer the exam, were available at each site. Janine provided a summary of her committee’s work this year in last month’s *CHP*

Corner. By the time you read this message, the Board and examination panels will have met to determine the successful candidates for the 2012 examinations. Look for the list of new CHPs in the January 2013 *CHP Corner*.

Some of the educational opportunities for CHPs are provided through the work of the Continuing Education Committee. This year this committee was chaired by Jim Willison. Jim and the members of the committee have identified quality health physics short courses for the Midyear and Annual meetings. Future courses & instructors are needed; especially for courses in which there is a great demand. Please contact Jim if you know of a course topic that should be presented, or if you would like to prepare and present a short course.

The Academy mourns the death of Mike Davidson, Chair of the Professional Development Committee. Mike's reports of the committee's activities were published in the February and August issues of *CHP Corner*. His passing in early October was a shock to us all. He will be greatly missed. The work of the Professional Development Committee will continue under Tom Johnson's leadership for the remainder of 2012.

The Title Protection / Professional Recognition Committee, chaired by Dan Mantooth, has been working to ensure the protection of federal, state, and/or local governments for the titles "Certified Health Physicist" and "CHP", and for recognition of the profession of health physics. Please contact Dan or Nancy Johnson if you know of any issue that warrants attention. Every year or so, the President of the Academy is called upon to respond to a person who is misrepresenting himself or herself as a CHP. Even as I write this message, I am weighing the most appropriate wording of a letter on behalf of the Academy in response to an organization reportedly selling "certificates" for health physicists.

We are fortunate that the Appeals Committee, chaired by Nick Panzarino, and the Professional Standards & Ethics Committee, chaired by Ruth McBurney, have not had claims or charges to investigate in 2012. I believe this is a result of the quality of the certification examination, and the professionalism & ethics of CHPs.

In the October 2012 issue of *CHP News*, Treasurer Drew Thatcher reported that Academy finances are in good order. Drew and the Finance Committee have worked closely with Academy Officers and committee chairs this year to prepare a budget for 2013 that represents more accurately the expenses that will actually be incurred during the year.

As I noted earlier, Executive Secretary Nancy Johnson of Burk & Associates is invaluable to the examination process. Nancy serves as the "corporate memory" of the Academy and the ABHP, which ensures continuity and consistency of our activities. She keeps us informed of tasks, timetables, commitments, and responsibilities throughout the year. I cannot say enough good things about the support Nancy has provided during 2012.

The Academy is fortunate to have Kyle Kleinhans and Harry Anagnostopoulos to serve as Editor and Associate Editor, respectively, of the *CHP News* and *CHP Corner* this year. Under Kyle's and Harry's direction, these resources provide informative and timely articles in each area of Academy and Board operations.

Each of the committees and panels noted above relies on volunteers who are committed to the goals of the Academy. I encourage every CHP to consider their areas of expertise, their interests, and their availability, and to contact Nancy Johnson at the Secretariat's office. If you are interested and willing to be considered for nomination to an elected office of the Academy, please contact Steven King, Chair of the Nomination Committee.

As I write this message in mid-November, I realize that there are only a few weeks remaining in my term as President. The transfer of responsibilities to incoming President Ray Johnson will occur on January 27, 2013, at the HPS Midyear Meeting in Scottsdale. Ray has already selected an outstanding group of volunteers to serve on Academy committees, and 2013 should be a very good year.

With the passing of Mike Davidson and other CHPs this year, I am reminded that life is short and the time we have is truly precious. For you who have donated your time to the work of the Academy this year, I extend my heartfelt appreciation. Thank you again for allowing me to serve as President during 2012.

CALL FOR NOMINATIONS
2013 Joyce P. Davis Memorial Award

Ruth E. McBurney
Chair, Professional Standards and Ethics Committee

The American Academy of Health Physics (AAHP) 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 admired for ethical behavior and interpersonal skills.

The eligibility requirements are:

1. A member of the AAHP for at least 10 years,
2. A champion of professional standards and ethics, and
3. Exemplary professional service to the AAHP or the American Board of Health Physics.

It is time to start thinking about those individuals in the Academy, who possess these great qualities, so they may be recognized at next year's meeting. I encourage you to nominate a deserving member of AAHP for this prestigious award. Any member of the Academy can make nominations. Selection criteria are presented in AAHP Standard Operating Procedure 2.7.2, which can be found on the AAHP web site in the Members Only Section; AAHP Library. The previous recipients of the award are:

- John P. Kelly,
- James E. Tarpinian,
- Carol D. Berger,
- Howard W. Dickson, and
- Frazier Bronson.

Nominations should include a brief biographical resume of the nominee's career, a description of their service to the profession & the AAHP, a nomination letter, and at least three reference letters in support of the nomination from AAHP members.

Nominations, consisting of a nomination letter and current resume of the nominee, must be submitted to the AAHP Nominating Committee (the chair is Gary Kephart, Gary.Kephart@ettp.doe.gov), on or before March 1st, 2013. The Selection Committee for this distinguished award is comprised of the AAHP Professional Standards and Ethics Committee (Ruth McBurney, Chair), the Past President of the AAHP, and the Past Chairman of the ABHP.

The award will be presented at the AAHP Awards Luncheon during the 58th Health Physics Society Annual Meeting in Madison, Wisconsin, July 7-11, 2013.

**AMERICAN ACADEMY OF HEALTH PHYSICS
EXECUTIVE COMMITTEE**

Minutes of July 22, 2012
Sacramento, CA

1.0 Call to Order

The meeting of the Executive Committee (EC) of the American Academy of Health Physics was called to order on July 22, 2012 in Sacramento, CA by President Frazier at 8:30 am.

2.0 Welcome to Members and Guests**AAHP Position or Affiliation:**

- John Frazier – President
- Kathy Shingleton – Past-president
- Ray Johnson – President-elect
- Drew Thatcher – Treasurer
- Jeff Brunette – Secretary
- Ken Krieger – Past Secretary
- Gloria Mei – Director
- Kyle Kleinhans – Director / *CHP News* - *CHP Corner* editor
- Charles (Gus) Potter - ABHP Chair
- Daniel Mantooth – Title Protection Committee Chair
- Steve King – Nominating Committee Chair
- Jim Willison – Assistant Webmaster/Continuing Education Committee Chair
- Ruth McBurney – Professional Standards & Ethics Committee Chair
- Earl Fordham – CRCPD liaison
- Harry Anagnostopoulos – *CHP News* - *CHP Corner* assistant editor
- Nancy Johnson – Secretariat-Program Director/AAHP Executive Secretary

3.0 Discussion and Approval of Agenda

The agenda was accepted.

4.0 Approval of Minutes of Feb 5, 2012 Meeting

The minutes from the Feb 5, 2012 Executive Committee meeting were accepted with minor revisions noted.

5.0 Reports of 2012 Officers**5.0 President** (John Frazier)

Highlights of report are as follows:

- ✓ Requested and forwarded comments to the NCRP on the draft report “Health Effects of Radiation on Gamete, Fetus, and Nursing Infant.”
- ✓ Reviewed and responded to an inquiry regarding a possible misuse of the CHP title.
- ✓ Prepared President’s message for the CHP News.
- ✓ Responded to request for greater visibility of the standards of professional responsibility of all CHPs.
- ✓ Drafted letter to all CHPs who are not currently members of the HPS, encouraging membership.
- ✓ Drafted CHP News article encouraging participation in NCRP report writing committees.
- ✓ Worked with President-elect Johnson to prepare for 2013 budget requests.
- ✓ Participated by phone in the May 2012 Finance Committee meeting.

5.2 President-elect (Ray Johnson)

Highlights of the report are as follows:

- ✓ Reviewed SOP 1.2.1 and President-elect GTTK documents. No revisions were needed.
- ✓ Participated by phone in the May 2012 Finance Committee meeting.
- ✓ Identified, with assistance of Executive Secretariat, committee positions that will need replacement and filled committee positions for 2013-2014.

5.3 Past President (Kathleen Shingleton)

Highlights of the report are as follows:

- ✓ Evaluated nominees for the McAdams Award with; the ABHP Chair, ABHP Vice Chair, and the McAdams Award Selection Committee. Bob Cherry was selected for the 2012 award.
- ✓ Reviewed past-president GTTK document. Minor changes to the document were made.
- ✓ Discussed the AAHP Special Session entitled “The National Ignition Facility: Bringing Star Power to Earth”.
- ✓ Reported on the Ad hoc Committee on web page enhancements. The Committee has implemented processes for on-line payment of dues using PayPal. The Committee also explored tools for on-line CEC credit tracking but found that it was not feasible. No further action is required.

5.4 Secretary (Jeff Brunette)

- ✓ Minutes of the February 2012 EC meeting were prepared, finalized and submitted.
- ✓ SOPs 1.2.1 and 1.4.2 and Secretary GTKK documents were reviewed. No changes were necessary.
- ✓ Winners of the AAHP election were received from the Secretariat and reported to the EC and to *CHP Corner*
 - President-elect Designate - Ed Bailey
 - Treasurer-elect - Alex Boerner
 - Director-elect - Daniel Mantooth

5.5 Treasurer (Drew Thatcher)

Highlights of the report are as follows:

- ✓ Participated in May 2012 Finance Committee meeting.

- ✓ Monitored status of long-term and intermediate-term securities and reviewed performance of the AAHP investment manager.
- ✓ Reviewed budget and expenses noting that this year's budget is balanced thanks to more realistic expense estimates submitted this year.

5.6 Parliamentarian (Jay Maisler)

No report submitted.

6.0 Committee Correspondence and Reports

6.1 Appeals Committee (Penny Shamblin)

A report was submitted indicating there were no activities since February 2012.

6.2 Continuing Education Committee (Jim Willison)

Highlights of the report are as follows:

- ✓ Approximately 160 requests for Continuing Education (CE) credit evaluations in the first half of 2012.
- ✓ Arranged for three AAHP courses at the Sacramento annual meeting.
- ✓ Recommend revision to SOP 2.2.2 to clarify guidance regarding publication of technical articles in the *HPS Newsletter*.
- ✓ Executive Secretary Nancy Johnson and CEC Chair Jim Willison are reviewing past CHP renewals to determine the frequency of CHPs utilizing credits from courses that were approved through the continuing education credit request process.

6.3 Exam Site Committee (Janine Katanic)

Highlights of the report are as follows:

- ✓ The Committee made arrangements for 14 examination sites in addition to the Sacramento HPS meeting site.
- ✓ Recommended revisions to SOP 2.3.1 to make minor changes for consistency with the committee charter, procedural clarifications based upon committee practices, and inclusion of the revised Attachment A (exam location and proctor information form).
- ✓ Requests that letters of appreciation be sent to exam proctors and those instrumental to setting up exam sites. Gus Potter and John Frazier stated that they would send letters of appreciation.

6.4 Finance Committee (Drew Thatcher)

Highlights of the report are as follows:

- ✓ Meeting held in May 2012.
- ✓ Reviewed current year budget status and noted that the budget should come close to balancing without the need to augment funds from investments.
- ✓ Reviewed 2012-2013 budget requests.
- ✓ Reviewed Investment Manager's report and suggested portfolio allocation for 2015.
- ✓ Recommended revision of SOP 2.4.2. The revisions to SOP 2.4.2 were approved by the Executive Committee.

6.5 Nominating Committee (Steve King)

Highlights of the report are as follows:

- ✓ Submitted nomination for the Joyce P. Davis Memorial Award to the chair of the Professional Standards and Ethics Committee.
- ✓ Committee submitted a list of candidates to the EC for selection for the 2013 open ABHP board position.
- ✓ The Executive Committee accepted the Nominating Committee's recommendations for Andy Karam for the 2013 ABHP Board of Directors position and Mike Erdman for a 3 year term as ABMP liaison.

6.6 Professional Development Committee (Mike Davidson)

Highlights of the report are as follows:

- ✓ Reviewed SOPs 2.6.1, 2.6.2, 2.6.3, 2.6.9, and 6.1.6. No changes required.
- ✓ The PDC is recruiting new members to replace the four members whose terms end at the end of 2012.
- ✓ Submitted article to the *CHP Corner* for August publication.

6.7 Professional Standards & Ethics Committee (Ruth McBurney)

Highlights of the report are as follows:

- ✓ There were no allegations of violations of the standards of professional responsibility since the February, 2012 meeting.
- ✓ The Committee received one nomination for the Joyce P. Davis Memorial Award but the award will not be presented this year. An article soliciting nominations for next year's award is being prepared of publication in the *CHP News*.
- ✓ The Committee will be meeting on July 25, 2012, to review SOP 2.7.2 and may recommend changes to the SOP.

6.8 Title Protection Committee (Daniel Mantooth)

Report submitted, but no activity indicated in the report. The Committee met on July 21, 2012. Highlights of the meeting were as follows:

- ✓ Requested information regarding the agreement between the AAHP and the AIHA. Nancy Johnson stated that she would send Dan Mantooth information regarding the agreement.
- ✓ Will be renewing the AAHP trademark in the next year.
- ✓ Inquired of the EC how aggressively they should pursue legislative actions.
- ✓ EC suggested that Title Protection Committee members work with the HPS chapters and with Ruth McBurney to identify state regulatory agencies and issues that develop regarding title protection issues.

6.9 Liaisons and Representatives

6.9.1 ABMP (Dean Broga / Michael Erdman / Michael Sheetz)

Highlights of the report are as follows:

- ✓ Reviewed implications of the American Academy of Medical Physics / American College of Medical Physics merger. AAMP will continue to provide financial support for the ABMP.
- ✓ Reviewed Medical Health Physics (MHP) examination results for 2011.
- ✓ Discussed continuing education credit for MRI and MHP diplomates.

6.9.2 CRCPD (Earl Fordham)

No report was submitted. Earl Fordham summarized the following activities of the CRCPD:

- ✓ The CRCPD annual meeting will be in May 2013 in Portland, OR.
- ✓ The CRCPD can provide the assistance in identifying CHP title protection issues.
- ✓ The CRCPD maintains a Qualified Medical Physicist Registry on their web site. The list includes all active CHPs indicating their certification in the field of health physics.
- ✓ Indicated that the CRCPD SCATR program has an agreement with the Clive, UT waste facility to accept Class A sources for one year.

6.9.3 HPS (Andy Miller)

No report was submitted, but a verbal report was given. Highlights of the report are:

- ✓ Continuing education credits have been requested from the AAPM, for the January 2013 HPS Midyear Meeting.

6.9.4 NRRPT (Dave Tucker)

No report was submitted.

6.10 Ad Hoc Committee on Web-site Enhancements (Kathy Shingleton)

Discussed in item 5.3, Past-president's report.

7.0 Reports from the Editor & Webmaster

7.1 CHP News - CHP Corner Editor (Kyle Kleinhans)

Highlights of the report are as follows:

- ✓ With on-line publishing, there are no longer any page constraint limitations.
- ✓ Summarized *CHP Corner* and *CHP News* articles posted.
- ✓ Recommended changes to SOP 3.3.1, but those were not included with the report. Revisions will be submitted to the Executive Committee at the Winter Meeting.
- ✓ Nancy Johnson noted that we are paying a per-page cost for electronic newsletter publication. EC members asked how often the newsletter web site is visited and discussed investigating the cost of sending a PDF version of the newsletter to CHPs.

7.2 Webmaster (Scott Medling)

No report was submitted. Summary of web site actions was provided by Jim Willison. Highlights are as follows:

- ✓ On-line payment of dues via Pay Pal is up and running.
- ✓ Nancy Johnson and Scott Medling are working on an updated membership list. John Frazier suggested that membership should visit the web site to ensure accuracy of the membership list.
- ✓ President-elect Ray Johnson will need to send his President's letter and photo to the webmaster before the Winter meeting.

8.0 Report of the American Board of Health Physics (Gus Potter)

Highlights of the report are as follows:

- ✓ The Board is re-engineering the Part II exam processes, separating the writing of Part II questions from the actual exam preparation. They are conducting workshops at the annual meeting to allow for more quality assurance efforts and development time.
- ✓ The Board is preparing a new CESB accreditation application. The current accreditation expires in December 2012.
- ✓ The Board is considering performing a job-task analysis to ensure that the exam contents are consistent with practice.
- ✓ ABHP officers for 2013 were discussed. New members are:
 - Chair – Govind Rao
 - Vice-Chair – Pat LaFrate
 - Part I Panel Chair – Bill Rhodes
 - Part I Panel Vice-chair – Cindy Flannery
 - Part II Panel Chair – Wayne Gaul
 - Part II Panel Vice-chair – Curtis Kwasniewski

9.0 Report of the Secretariat (Nancy Johnson)

Nancy Johnson submitted a written report and highlighted the following actions she accomplished:

- ✓ Processed 307 exam applications ; approximately the same number as last year and significantly more than the past several years.
- ✓ Sent out recertification notifications and processed recertification applications.
- ✓ Coordinated 2012 officer ballot with Webmaster and Secretary.
- ✓ Prepared and distributed budget requests.
- ✓ Met with Finance Committee to prepare proposed 2012-2013 budget.
- ✓ Prepared certificates of appreciation and plaques for distribution at 2012 awards luncheon.

10.1 Old Business

10.1 Feb 2012 Treasurer's Report Modifications (Drew Thatcher)

Completed.

10.2 Feb 2012 Nominating Committee Report Modifications (E. Fordham / S. King)

Completed – Discussed in section 6.5, Nominating Committee report.

10.3 Update Prof. Development Communication Roster on Web Site (S. Medling)

Completed.

10.4 Develop Ideas for AAHP Continuing Education Courses (Exec. Committee)

Ongoing.

10.5 Develop a plan for Title Protection Committee Efficacy (Daniel Mantooth)

Continued to Mid-Year Meeting.

10.6 Submit Results of User Tools for Tracking CECs On-Line (K. Shingleton)

Discussed in section 5.3, Past-president's report. No further action required.

10.7 Status of AAPM Legislative Template & ABHP Certification (D. Mantooth / G. Potter)

The current status of the Pennsylvania bill proposing to regulate medical physicists and the practice of medical physics (including medical health physics) was reviewed. The Title Protection Committee will stay apprised of the Pennsylvania bill's status but is not pursuing further action.

10.8 Start file of AAHP Correspondences for EC access on the Website (N. Johnson)

The file was started and will be up on the web site by the end of September.

10.9 Write Newsletter article encouraging CHP participation in NCRP (J. Frazier)

John Frazier will discuss with the proposed article with John Boice, NCRP President for concurrence and take actions accordingly.

10.10 Stress need for realistic budgets in annual budgeting requests (Drew Thatcher)

Completed.

10.11 Follow-up on HPS outreach to CHPs who are not HPS members (J. Frazier)

John Frazier will send a letter and follow up with HPS Membership Committee (Linda Sewell) and publish the article in the *CHP Corner*.

11.0 New Business**11.1 Appointment of new committee members** (Ray Johnson)

Discussed in section 5.3, President-elect report. Also noted that SOP 1.2.1 was not updated on the web site. The Parliamentarian will be asked to verify that all SOPs are updated on the web site prior to the winter Executive Council meeting.

11.2 Budget approval (Drew Thatcher)

Approved – Discussion in section 6.4, Finance Committee report.

11.3 Replacement of ABHP Members (Steve King)

Completed. Discussion in section 6.5, Nominating Committee report.

11.4 Visibility of Standards of Professional Responsibility for CHPs (John Frazier)

No action required.

11.5 Revision of SOP 2.2.2 (Rev. 7) (Jim Willison)

Approved. Discussion in section 6.2, Past-President's report.

11.6 Revision of SOP 2.3.1 Rev. 1 (Janine Katanic)

Retained the "Examination Site Committee" title name because the AAHP Bylaws use the name. All other changes to the SOP were accepted.

11.7 Open**11.8 Open****11.9 2013 Special Session Update (John Frazier)**

Special session topic for the 2013 Madison meeting has been proposed to be medical health physics due to the strong presence of medical health physics resources in the Madison, WI area. John Frazier stated that they are looking for topics and speakers for the session.

11.10 Academy Open Meeting Agenda (John Frazier)

Agenda was reviewed.

11.12 January 2013 Meeting Date (John Frazier)

Dates for the mid-year meeting in Scottsdale, AZ is January 27-30, 2013. The Executive Council meeting will be on January 27, 2013.

12.0 Adjournment

A motion was made to adjourn the meeting until January 27, 2013 in Scottsdale, AZ.

ABHP EXAM APPLICATION REMINDER

Stop procrastinating! Applications to take either part of the 2013 ABHP examination must be filed with the Secretariat, and postmarked no later than January 15, 2013. Application information may be found at <http://www.hps1.org/aaHP/boardweb/forms.html>.

THE 2012 CHP SALARY SURVEY

Gary Lauten

Introduction

The 2012 Certified Health Physicist (CHP) salary survey data was collected by having CHPs submit their responses to survey questions on a web-based data entry form. The survey was also available in hardcopy form for those who preferred to fax or mail their responses.

As was done in previous years, data was collected in conjunction with a salary survey of the entire Health Physics Society (HPS). The HPS salary survey results will be reported separately in the *Health Physics Newsletter*.

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. For example, if a CHP marked the salary range \$50,000 to \$52,499, their salary was rounded to the midpoint value of \$51,250.

Responses from CHPs who were either part time or retired were not analyzed, since the data did not appear to allow meaningful comparisons to be made.

To minimize skewing the results, data from three survey respondents were excluded from the data analysis because they indicated that they earned less than \$61,250 or more than \$200,000 per year.

Of 68 respondents who reported receiving a significant (10 % or more) salary increase upon attaining ABHP certification: 28% received this increase from their current employer, 19% from a promotion with their current employer, 47% received this increase from a new employer, and 6% did not answer.

CHP salaries by region are also presented in this report.



Data Presentation

In an effort to make the results of the survey interesting and useful, 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, but if there were less than 10 CHPs the results were not given.

Tables and Figures

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

Histograms of the data shown in “Table 1- All CHPs”, and “Table 2 - Masters Health Physics” are included as Figures 1 and 2 respectively.

Table 1: All CHPs

	Count	Average	Median	Max	Min	Std Dev
CHPs	259	\$124,693	\$121,250	\$200,000	\$63,750	\$25,473

Table 2: CHPs by Education and Field

	Count	Average	Median	Max	Min	Std Dev
Bachelors Health Physics	18	\$122,292	\$120,000	\$180,000	\$81,250	\$23,034
Bachelors Other Field	29	\$117,198	\$111,250	\$168,750	\$73,750	\$21,091
Masters Health Physics	114	\$123,125	\$123,750	\$200,000	\$63,750	\$24,742
Masters Other Field	27	\$126,231	\$123,750	\$192,000	\$71,250	\$31,910
Masters Nuclear Engineering	19	\$126,776	\$123,750	\$173,750	\$81,250	\$23,372
Ph.D. Health Physics	23	\$135,967	\$136,250	\$196,000	\$98,750	\$25,900
Ph.D. Nuclear Engineering	13	\$132,212	\$121,250	\$173,750	\$103,750	\$22,925

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

	Count	Average	Median	Max	Min	Std Dev
All CHPs 6-15 yrs Experience	32	\$110,781	\$108,750	\$156,250	\$63,750	\$22,722
Masters Health Physics	19	\$105,724	\$106,250	\$153,750	\$63,750	\$21,174

Table 4: CHPs by Education and >15 Years Experience

	Count	Average	Median	Max	Min	Std Dev
All CHPs >15 yrs Experience	225	\$126,813	\$123,750	\$200,000	\$63,750	\$25,323
Bachelors Health Physics	16	\$125,234	\$121,250	\$180,000	\$98,750	\$21,848
Bachelors Other Field	27	\$117,917	\$113,750	\$168,750	\$73,750	\$21,684
Masters Health Physics	94	\$126,742	\$127,500	\$200,000	\$63,750	\$24,104
Masters Nuclear Engineering	16	\$127,969	\$123,750	\$173,750	\$91,250	\$21,384
Masters Other Field	23	\$126,011	\$121,250	\$192,000	\$71,250	\$33,700
Ph.D. Health Physics	23	\$135,967	\$136,250	\$196,000	\$98,750	\$25,900

Table 5: CHPs by U.S. Regions*

	Count	Average	Median	Max	Min	Std Dev
Northeast	37	\$118,311	\$116,250	\$180,000	\$71,250	\$25,604
Midwest	31	\$119,556	\$121,250	\$166,000	\$73,750	\$21,364
South	82	\$124,101	\$121,250	\$180,000	\$63,750	\$25,467
West	74	\$128,878	\$133,750	\$200,000	\$71,250	\$23,858

* The four major regions of the United States as defined by the U.S. Census Bureau for which data are presented represent groups of states as follows:

- **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 6: Masters Health Physics and Primary Employer

	Count	Average	Median	Max	Min	Std Dev
Federal Government	20	\$124,875	\$128,750	\$153,750	\$88,750	\$20,172
Medical	10	\$137,250	\$138,750	\$163,750	\$103,750	\$20,317
University	14	\$92,679	\$88,750	\$151,250	\$63,750	\$24,975
National Laboratory	21	\$135,000	\$126,250	\$200,000	\$108,750	\$21,916
Government Contractors	12	\$129,792	\$131,250	\$166,250	\$78,750	\$25,947
Other Commercial	11	\$122,386	\$128,750	\$156,250	\$86,250	\$21,371

Table 7: All CHPs by Other Certifications

	Count	Average	Median	Max	Min	Std Dev
NRRPT	48	\$121,083	\$118,750	\$192,000	\$71,250	\$25,899
Other	35	\$125,643	\$133,750	\$180,000	\$71,250	\$26,872

Table 8: Masters Health Physics and Primary Job Responsibility

	Count	Average	Median	Max	Min	Std Dev
Administration	10	\$133,000	\$133,750	\$166,250	\$98,750	\$19,616
Applied Health Physics	31	\$121,532	\$123,750	\$200,000	\$63,750	\$28,136
Environmental	11	\$121,932	\$121,250	\$153,750	\$96,250	\$22,279
Power Reactor	10	\$132,000	\$126,250	\$168,750	\$113,750	\$18,784
Regulations/Standards	11	\$113,295	\$126,250	\$153,750	\$71,250	\$28,036

Table 9: All CHPs by Primary Job Responsibility

	Count	Average	Median	Max	Min	Std Dev
Administration	20	\$132,663	\$128,750	\$192,000	\$98,750	\$23,178
Applied Health Physics	75	\$122,347	\$118,750	\$200,000	\$63,750	\$26,269
Dosimetry	20	\$127,250	\$128,750	\$163,750	\$81,250	\$22,160
Emergency Preparedness	15	\$125,083	\$121,250	\$173,750	\$81,250	\$24,998
Environmental	25	\$120,850	\$118,750	\$163,750	\$96,250	\$20,913
Medical Health Physics	19	\$133,684	\$136,250	\$180,000	\$76,250	\$28,633
Radiological Assessment	10	\$125,000	\$118,750	\$156,250	\$98,750	\$18,718
Power Reactor	20	\$127,563	\$122,500	\$180,000	\$91,250	\$23,618
Regulations/Standards	19	\$120,855	\$126,250	\$173,750	\$71,250	\$29,782

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	138	\$118,922	\$118,750	\$180,000	\$71,250	\$21,203
Bachelors Other Field	19	\$114,145	\$111,250	\$148,750	\$73,750	\$20,005
Masters Health Physics	58	\$120,086	\$118,750	\$161,250	\$78,750	\$20,257
Masters Other Field	12	\$112,292	\$112,500	\$148,750	\$71,250	\$23,342
Masters Nuclear Engineering	15	\$121,917	\$121,250	\$156,250	\$81,250	\$21,536
Ph.D. Health Physics	11	\$127,273	\$126,250	\$180,000	\$98,750	\$22,741

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	48	\$133,516	\$133,750	\$200,000	\$98,750	\$22,711
Masters Health Physics	22	\$135,057	\$133,750	\$200,000	\$101,250	\$22,142

Table 12: All CHPs as Facility Manager, RPM/RSO, University RSO

	Count	Average	Median	Max	Min	Std Dev
All CHPs RPM/RSO	21	\$132,893	\$131,250	\$192,000	\$71,250	\$31,133
All CHPs University RSO	15	\$95,417	\$101,250	\$131,250	\$63,750	\$20,325
All CHPs Medical RSO	14	\$143,732	\$143,750	\$196,000	\$106,250	\$25,152
All CHPs University-Med RSO	10	\$132,000	\$132,500	\$161,250	\$103,750	\$18,297

Figure 1: Histogram of Table 1 Data, all CHPs

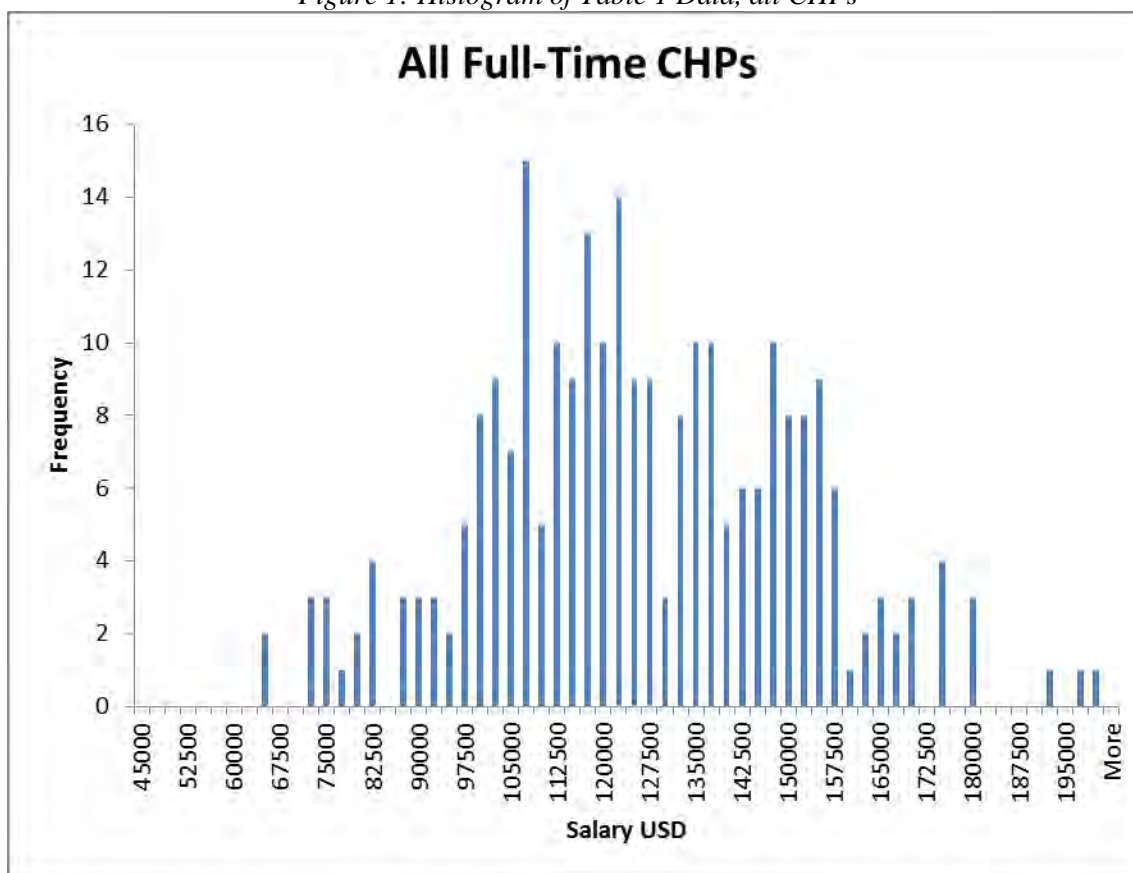
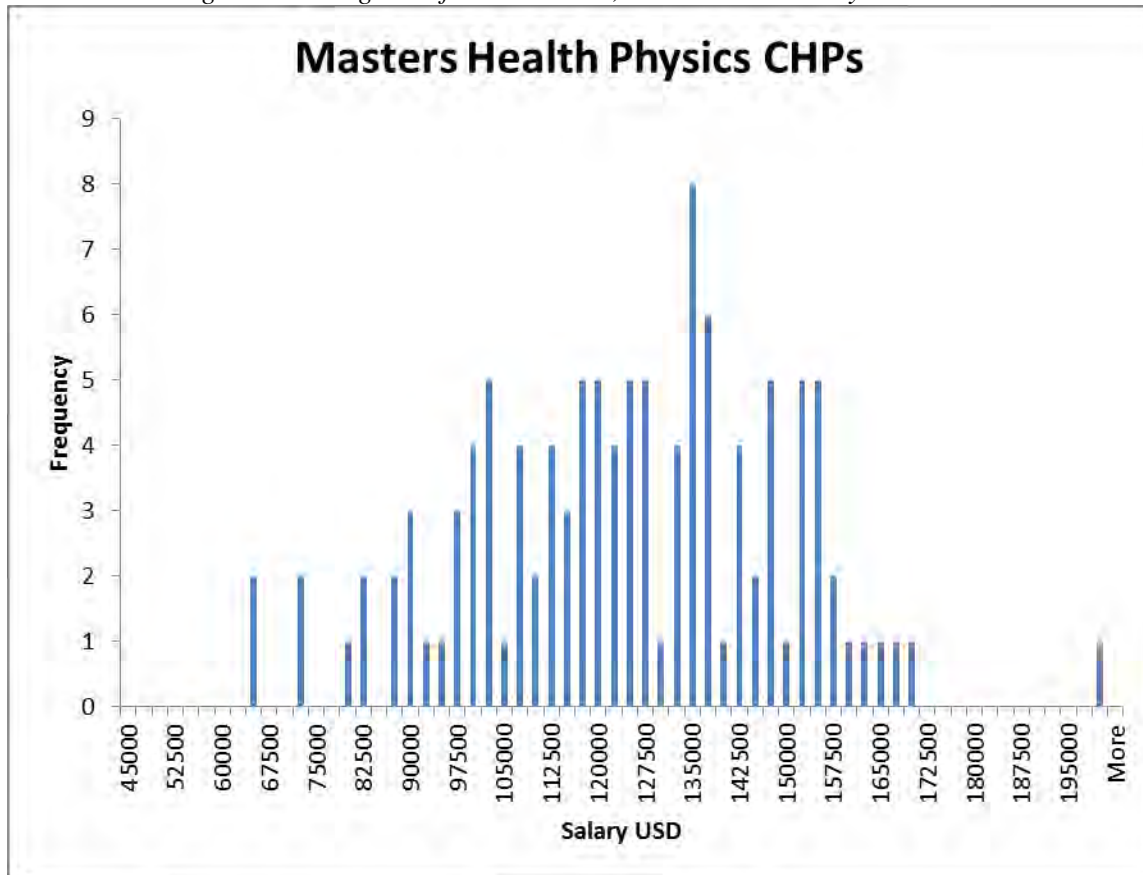


Figure 2: Histogram of Table 2 Data, Masters Health Physics CHPs



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.

Questions about this survey should be directed to Gary Lauten, via email: chpsalarysurvey@yahoo.com

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