

American Academy of Health Physics American Board of Health Physics

N-E-W-S

AMERICAN ACADEMY OF HEALTH PHYSICS EXECUTIVE COMMITTEE

Minutes of the July 19-20 2003 Annual Meeting

San Diego, California

1.0 Howard Dickson called the meeting to order.

2.0 Howard Dickson welcomed members and guests.

Attendees:

Howard Dickson President
Tom Buhl President-Elect
Frasier Bronson President-Elect-Elect

Jim Tarpinian Past-President Kathy Shingleton Secretary Ken Eger Treasurer

Ed Bailey Director, Chair ABHP Regis Greenwood Director, Parliamentarian

Les Aldrich Director

Nancy Johnson Program Director
John Serabian (Saturday) ABHP Vice Chair
Jim Willison (Saturday) ABHP Parliamentarian
Tom Essig (Sunday) Finance Committee Chair
Steve Rima (Saturday) CHP News Editor
Kyle Kleinhans CHP News Editor

Earl Fordham (Saturday) CRCPD

George Vargo (Sunday) CESB Board of Directors

Al Tschaeche (Saturday) Guest Otto Raabe (Saturday) Guest

3.0 Discussion and approval of agenda (Howard Dickson)

The agenda was approved as amended. Two items were added to the agenda: A suggestion by Al Tschaeche to study a large population in Taiwan that has been exposed to a Co-60 source and a complaint concerning the CHP Seal.

4.0 Approval of minutes of the January 2003 Meeting

The meeting minutes were accepted as presented.

5.0 Reports of 2003 Officers

5.1 President's Report (Howard Dickson)

Howard followed up on action items from the San Antonio meeting.

Howard also reported that his focus for this year is on:

- ✓ Financial stability—managing budgets in a down marketTom discussed the President-elect's report that was and establishing contract authority (11.1);
- ✓ Developing the AAHP web site;

Resolving issues regarding the Council of Engineering and Scientific Specialty Boards (CESB) requirement for public input in the ABHP (See Section 11.2).

Howard reported that he had worked with various committees, notably the:

- ✓ Nominations Committee, noting that he had clarified with Johnafred Thomas that a breakdown of voting details are not needed by the AAHP Executive Committee.
- ✓ Finance Committee, noting that he had planned on attending the June 5, 2003 meeting but was unable to, but that Tom Essig did a 'masterful' job.
- ✓ Ad hoc Committee on Title Protection, noting that he had worked with Aaron Tripler, AIHA.

Howard also worked with Tom Buhl, incoming AAHP President-Elect, on the selection of new committee members and chairs.

Howard interfaced with the Secretariat; the alwaysdependable Nancy Johnson handled day-to-day affairs with efficiency and professionalism. Howard thanked Nancy for her continued support.

Howard attended the NRC public meeting on May 20, 2003 in Rockville MD. The purpose of the meeting was to discuss the proposed rule to amend 10 CFR Part 35 to revise requirements for recognition of specialty boards (e.g., Specialty Board on Nuclear Pharmacy; Certified Board of Nuclear Cardiology; American Board of Radiology; American Osteopathic Board of Nuclear Medicine, American Board of Nuclear Medicine; American Board of Medical Physics; plus the American Board of Health Physics.)

5.2 President-Elect's Report (Tom Buhl)

distributed with the Agenda packet. He noted that the two bylaw revisions passed with large majority. The bylaw revisions are summarized as follows:

- ✓ Provision requiring that all AAHP contracts be signed by the Academy President and co-signed by the President-Elect, except for those contracts identified by the Executive Committee to be handled directly by the Executive Secretary.
- Provision allowing electronic balloting in AAHP elections and by the AAHP Executive Committee.

5.2.1 2004 Committee Appointments (Tom Buhl)

Tom developed a draft Standard Operating Procedure (SOP No. 4.5) governing contract signature authority.

Tom developed a slate of candidates for committees. Tom noted that almost all of the people who were added to committees had marked their dues envelopes indicating they'd like to serve. Tom also contacted committee chairs for their ideas and nominated some people he knew would do a good job. There is one opening on the Exam Site Selection committee—Tom will appoint a person to fill that opening.

There was some difficulty in replacing the Chair of Continuing Education Committee. This is an important committee because it is a significant moneymaker that the AAHP relies on and the chair position takes a lot of effort; experience is an important factor in the success of the committee. Tom is proposing extending Jeff Kotsch's chairmanship by one year to take advantage of his experience in running the committee.

Similarly, Tom would like to reappoint Carol Berger to the Professional Standards and Ethics Committee because she has a number of issues that are currently in process.

5.3 Past President's Report (Jim Tarpinian)

Jim Tarpinian discussed the Past-President's report that was distributed with the Agenda packet. Jim noted that his efforts since the midyear meeting were focused on development of the AAHP Special Session for Academy Day to be held during the 2003 ARSCE in San Diego. The topic of the Special Session will be Medical Health Physics, which Jim coordinated with the Medical Physics session (Karen Langley). The current chair of the NCRP is speaking during the joint session.

Jim is continuing to work on a Strategic Plan for the AAHP and the ABHP. He is hosting a brainstorming session to be held on Monday, July 21, the purpose of which is to identify who the internal and external customers are, design a questionnaire for each set of customers to determine the focus of next year(s), and design a process for conducting the survey. Jim invited all to attend.

5.4 Secretary (Kathy Shingleton)

Kathy briefly reviewed the Secretary's report (minutes from the January 2003 meeting and ballot results) that was distributed with the Agenda packet. The election results were as follows:

President-Elect: Frazier Bronson Secretary: Gary Kephart Director: Brian Methé

5.5 Treasurer's Report (Ken Eger)

Ken Eger reviewed the Treasurer's report that was distributed with the Agenda packet.

Ken noted that the fair-market value of AAHP short-intermediate- and long-term funds has decreased (as has the national market indices). The April 30, 2003 value of AAHP funds is \$488,623 as opposed to a December 31, 2002 value of \$508,744. We're doing relatively poorly, but not as poorly as the national markets.

The Treasurer and Finance Committee developed a method for evaluating the performance of the financial advisor and identified appropriate actions.

A motion was made to accept the above reports (Les Aldrich/Jim Tarpinian) and was carried unanimously.

6.0 Committee Correspondence and Reports (Howard Dickson)

6.1 Appeals Committee (Tom LaVake)

There were no appeals this past year no action was necessary by the Appeals Committee.

6.2 Continuing Education Committee (Jeff Kotsch)

Courses have been well attended and extra space had to be added to some courses. The fee of \$175 for all-day courses doesn't seem to be negatively affecting attendance.

6.3 Exam Site Selection Committee (Larry Hoffman)

There were 15 exam sites this year, but we had difficulty getting proctors in only Massachusetts and Texas. Nancy used e-mail and managed to find volunteers.

6.4 Finance Committee (Tom Essig)

The Finance Committee report was distributed in the Agenda packet. Tom Essig reviewed the Finance Committee report, including the budget for next year.

The Finance Committee developed a draft SOP 2.4.1, *Metrics for Assessment of the Performance of the AAHP Investment Manager* to judge the performance of the investment advisor and define actions to be taken by the Finance Committee if certain criteria are met. Tom noted there is more tolerance for not making money in an 'up' market than there is for losing money in a 'down' market. There was support for the AAHP to not to try to 'micro-manage' the advisor, and to acknowledge that no advisor will consistently beat the market.

6.5 ABHP Nominating Committee (Johnafred Thomas)

The ABHP Nominating Committee report was distributed in the Agenda packet. The Nominating Committee developed slates of candidates for the AAHP Executive Committee, the Joyce P. Davis Memorial Award, and the two 5-year positions available on the ABHP Board of Directors.

The Executive Committee selected Jerry Hiatt and Shawn Googins to fill the two positions on the ABHP Board

6.6 Professional Development Committee (Armin Ansari)

The Professional Development Committee report was distributed in the Agenda packet.

Two Standards were published last year: SQ/P-001, *Qualifications for University Radiation Safety Officer*, and SQ/P-002, *Qualifications for Health Care Facility Radiation Safety Officer*. Howard Dickson thanked the Professional Development Committee for their hard, successful work.

6.7 Professional Standards and Ethics Committee (Carol Berger)

No action/issues; a committee report was not submitted.

6.8 Ad hoc Committee on Title Protection and Legislation (Ken Fleming)

A committee report was not submitted.

6.8.1 Dickson Meeting with Aaron Trippler from AIHA

Howard noted that the AIHA is focusing on professional recognition vs. title protection.

Howard indicated that we should proceed slowly and carefully in the arena of licensure, as there is a concern that we're looking out for CHPs and not for HPs who are not CHPs, or the profession of Health Physics. Title protection is viewed as far more important than licensure.

Ed Bailey noted there's a downside to NOT having title protection—in dealing with state governments, licensed people (e.g., the IHs) get paid more than the non-licensed people (e.g., HPs). Howard Dickson noted another downside is that a different group can (in this vacuum) establish themselves as the authority in the radiological area.

A motion was made to accept the above reports (Jim Tarpinian/Ed Bailey) and was carried unanimously.

7.0 Member Communications

7.1 Change in Editor Position (Steve Rima/Kyle Kleinhans)

Steve Rima elected to retire as Editor of the CHP News and Corner. Kyle Kleinhans was nominated as the new Editor of the CHP News and Corner.

7.1.1 CHP News Format

There was a discussion expressing concern that the CHP News had lost some of its focus/usefulness. The editors agreed, noting it was easier to pull teeth than to get people to submit material. Suggestions for improving the situation included:

- ✓ Have the Academy determine a theme for the upcoming year, make writing assignments, and use the CHP Corner as a vehicle for relaying a year-long message. (The editors noted that input was difficult to come by even when writing assignments were made.)
- ✓ Have the editors contact each of the ABHP Chairs and offer them the opportunity to use the CHP Corner to let the membership know what's going on. (It was noted that the ABHP Chairs usually have an overwhelming amount of work on their plates.)

7.2 Web Page (Scott Medling, Web Master)

There was no report from the Webmaster.

8.0 Report of the American Board of Health Physics (Ed Bailey)

Ed Bailey thanked the Academy for taking a lot of effort off the shoulders of the ABHP. He reported the following actions of the AHBP:

8.1.1 Part I and II exams

Part I and II will be administered Monday, July 21, 2003. Ed noted the Part II reengineering effort was stopped last year and the exam bank has been closed, resulting in objections from some people. Ed pointed out that all the questions developed over the past 25 years are still available for study purposes.

Ed Bailey thanked the "three (four) wise men/women" who helped review the test prior to its issuance (Jim Tarpinian, Kathy Pryor, and Dave Myers/Kathy Shingleton)

8.1.2 Changes to the ABHP Policy Manual

Several changes to policy manual were proposed, as noted in the Motions, below.

The ABHP developed and adopted a style manual that will be used for the exam. The Board is contemplating putting the existing procedures into the new style (without changing content). Howard Dickson noted that the AAHP 'cares in a positive way' (i.e., are supportive of the effort.)

8.1.3 McAdams award recipient

Herman Cember is the 2003 McAdams award recipient.

8.1.4 ABHP Elections

The ABHP selected the following individuals to fill the specified positions:

- ✓ John Serabian—Chair of ABHP (2004)
- ✓ Mary Birch Vice Chair (2004)
- ✓ Jim Willison—Secretary
- ✓ Liz Brackett--Parliamentarian

A motion was made to accept the above reports (Jim Tarpinian/Les Aldrich) and was carried unanimously.

9.0 Report from the AAHP Liaisons

9.1 ABMP (Ken Miller/Dave Steidley/ Jean St.Germain)

No report was submitted or presented.

9.2 CRCPD (Earl Fordham)

Conference of Radiation Control Program Directors, Inc (CRCPD)—Earl Fordham introduced himself, noting he's also the liaison to the HPS. The CRCPD is considering sponsoring a "Radiation Professional Day" to try to raise awareness of the profession. The CRCPD would appreciate the support of the Academy and HPS when their plans come closer to fruition (sometime in the next several years).

9.3 HPS (Ed Maher)

No report was submitted or presented.

9.4 NRRPT (Dave Kent)

No report was submitted or presented.

A motion was made to accept the liaison's reports (Ed Bailey/Jim Tarpinian) and was carried unanimously.

10.0 Report of the Secretariat (Nancy Johnson)

Nancy Johnson submitted a written report and rosters with the Agenda packets. She asked for any roster updates. The number of applicants this year was about the same as last year. Ed Bailey noted that the number of applicants is consistent with historical trends, if the 90's are not included. George Vargo noted that the AAHP trend is consistent with those in other professional organizations.

A motion was made to accept the Secretariat's report (Les Aldrich/Jim Tarpinian) and was carried unanimously.

Executive Session

5

There was no executive session.

11.0 Old Business

11.1 Draft SOP on Contract Signature Authority (Tom Buhl)

Tom Buhl provided a draft SOP No. 4.5 on Contract Signature Authority.

11.2 Update on CESB Public Input Requirement (Ed Bailey)

The following notes reflect the discussion regarding the CESB requirement for public input.

If strategic planning initiative showed that input from the public was sought and acted upon, it would be deemed as fulfilling the requirement for public input. Strategic planning committee is addressing the issue.

Jim Tarpinian discussed the Peter F. Drucker process of developing a strategic plan. The process includes identifying internal and external customers (e.g., currently certified and uncertified individuals.) No changes in Policy manuals are needed, and the method results in documentation of the process and verification of the domains of practice.

Certification carries with it an implied warranty to the public; therefore we have to provide some way to be accountable to the public. It is probably in the AAHP's best interest to maintain some relationship with the CESB.

George Vargo noted that some combination of Accreditation Guideline 3 and 4 would resolve the issues raised by CESB. He noted there must be some formal method of soliciting the public's input. (The 'public' may be anyone who is not a CHP, but is generally considered to be a 'stakeholder'.)

11.3 Update on Possible Letter to CA Consumer Protection Bureau re: McDougall misrepresentation as CHP (Howard Dickson/Jim Tarpinian)

Jim Tarpinian sent a letter to McDougall asking him to not identify himself as a CHP (as he is not

certified). McDougall stated that he has not so identified himself as a CHP (although he is using a bogus license number that implies he is certified). Jim spent a fair amount of time chasing down his numerous misrepresentations and is filling out a CA Consumer Affair Complaint form. The wisdom of the Executive Committee was to let the issue drop after submitting the complaint form since McDougall is not a credible threat to AAHP.

11.4 Draft SOP for Electronic Balloting by Executive Committee

This SOP was not assigned to anyone at the last meeting, and therefore was not completed. Upon further discussion, the Executive Committee agreed that an SOP was not needed at this time as the bylaws contained what was necessary to conduct business.

12.0 New Business

12.1 Agenda for Open Meeting

The AAHP approved the agenda for the open meeting.

12.2 Study of Taiwanese population (Al Tschaeche)

Al described a situation in Taiwan where there was a relatively large population exposed to elevated doses from a Co-60 source. Since DOE has a low dose effects research program, he suggested that the AAHP write a letter to the DOE encouraging their study of this issue. See motion, below.

12.3 CHP Seal (Otto Rabbe)

Otto has had a bad experience with the official CHP seal that he purchased. Some letters in the seal are 'squished' together to the point where the words are not legible (there is no space between some letters). Otto has contacted the company repeatedly until the company finally indicated they would send him a new seal, but he has not received it, as of this meeting. Others who have received seals have not had the same problem.

12.4 2004 Special Session Topics

Howard Dickson asked for ideas for special session topics. Absent other suggestions, Howard plans on developing a session focused on the role of the CHP in addressing terrorism. Kathy Shingleton agreed to work with Howard to develop the agenda.

12.5 Academic Accreditation (Howard Dickson)

Howard Dickson noted that academic accreditation is a topic that may warrant further discussion and suggested it be included in a future AAHP agenda. Ken Eger agreed to champion this issue for the Executive Committee and be willing to discuss it at a future meeting.

12.6 Executive Committee Midyear Meeting (February 10, 2004, Augusta, GA)

The next AAHP meeting will be held on Tuesday, February 10, 2004. The meeting typically takes all day.

A motion was made (Les Aldrich/Regis Greenwood) to adjourn the meeting. The motion was carried unanimously.

REMINDER

Applications for the Certification Exam must be postmarked by January 15th. Application materials may be obtained from the Academy web page:

www.aahp-abhp.orq

or from the Secretariat, 703-790-1745

Address contributions for CHP News and "CHP Corner" to:

Editor

Kyle Kleinhans, CHP Work: 865-576-4170 FAX: 865-241-3548

E-mail: kk2@bechteljacobs.org

OR

Associate Editor

Harry Anagnostopoulos, CHP Work: 314-429-9340 x22

Fax: 314-426-0527

E-mail: harold.w.anagnostopoulos@saic.com

OR

Associate Editor

Rodney Simonsen, CHP Work: 702-295-4442 Fax: 702-295-3514

E-mail: simonsrj@nv.doe.gov

AMERICAN ACADEMY OF HEALTH PHYSICS ADMINISTRATIVE ROSTER - 2003

PRESIDENT

Howard W. Dickson ('04) EG&G, Suite 900 2341 Jefferson Davis Hwy Arlington, VA 22202 (703) 418-3224 Work (703) 418-0248 FAX hwdickson@egginc.com

PRESIDENT-ELECT

Thomas E. Buhl ('05) 1877 Brillante Lane Santa Fe, NM 87505 (505) 665-8176 Work (505) 665-3811 FAX tbuhl@lanl.gov

PAST PRESIDENT

James E. Tarpinian ('03) Brookhaven National Lab. Upton, NY 11973 (631) 344-8370 Work (631) 344-6079 FAX tarpinian@bnl.gov

SECRETARY

Kathleen Shingleton ('04) Lawrence Livermore National Lab, L-384 P O Box 808 Livermore, CA 94551-9900 (925) 422-5172 Work (925) 422-5270 FAX shingleton2@llnl.gov

TREASURER

Ken J. Eger ('05) 183 Terisu Circle Powell, TN 37849 (865) 483-8622 Work (865) 481-5155 FAX kdeger@comcast.net

PROGRAM DIRECTOR

Nancy Johnson American Academy of Health Physics 1313 Dolley Madison Blvd, Ste. 402 McLean, VA 22101 (703) 790-1745 ext. 25 Work (703) 790-2672 FAX njohnson@burkinc.com

BOARD MEMBERS

Lester K. Aldrich ('04) 656 Chestnut Avenue Richland, WA 99352 (509) 946-3106 Home laldrich@gte.net

Edgar D. Bailey ('03) 8416 Baretta Court Sacramento, CA 95828 (916) 322-3482 Work (916) 341-7101 FAX ebailey@dhs.ca.gov

Thomas H. Essig ('03) 13509 Straw Bale Lane Darnestown, MD 20878 (301) 415-7238 Work (301) 415-5397 FAX the@nrc.gov

Regis Greenwood ('05) 12332E Inletridge Drive Maryland Heights, MO 63043 (314) 991-4545 Work (314) 991-4692 FAX greenwood@physicist.net

E. Scott Medling ('03) So. California Edison P O Box 128 San Clemente, CA 92674-0128 (949) 368-7492 Work (707) 598-1940 FAX medlines@songs.sce.com

AMERICAN ACADEMY OF HEALTH PHYSICS ADMINISTRATIVE ROSTER - 2003 (continued)

WEBMASTER

E. Scott Medling So. California Edison P O Box 128 San Clemente, CA 92674-0128 (949) 368-7492 Work (707) 598-1940 FAX medlines@songs.sce.com

CHP News Editor

Kyle Kleinhans, CHP Work: 865-576-4170 FAX: 865-241-3548 kk2@bechteljacobs.org

CHP News Associate Editor Harry Anagnostopoulos, CHP Work: 314-429-9340 x22 Fax: 314-426-0527 Harold.w.anagnostopoulos@saic.com

CHP News Associate Editor Rodney Simonsen, CHP Work: 702-295-4442 Fax: 702-295-3514 Simonsrj@nv.doe.gov

AAHP LIAISONS CRCPD:

Earl Fordham
Washington Dept. of Health
Division of Radiation Protection
4815 Blue Heron Blvd.
W. Richland, WA 99353
(509) 377-3871 Work
(509) 377-3871 FAX
earl.fordham@verizon.net

HPS:

Edward F. Maher Duke Engineering & Services 400 Donald Lynch Blvd. Marlborough, MA 01752 (978) 568-2785 Work (978) 568-3731 FAX Edward.Maher@framatome-anp.com

AAHP LIAISONS NRRPT:

Dave Kent 165 McDaniels Lane Springboro, OH 45066 (937) 865-4679 Work (937) 865-4219 FAX david.kent@ohio.doe.gov

ABMP:

Kenneth L. Miller Health Physics Office Hershey Medical Center Hershey, PA 17033 (717) 531-8027 Work (717) 531-3641 FAX kmiller@psu.edu

K. David Steidley 50 Baltusrol Way Short Hills, NJ 07078 (973) 322-5625 Work steidley@nac.net

Jean M. St. Germain MSKCC, Dept of Medical Physics 1275 York Avenue New York, NY 10021 (212) 639-7390 Work (212) 717-3010 FAX stgermaj@mskcc.org

AMERICAN ACADEMY OF HEALTH PHYSICS COMMITTEE LISTING - 2003

NOTE: Term expires at the end of the year indicated

Appeals

Thomas LaVake, Chair ('03) Johnson & Johnson 1000 Route 202 Raritan, NJ 08869-0602 (908) 704-4239 Work tlavake@prius.jnj.com

Cindy Bloom ('05) Thomas Murphy ('04)

Continuing Education

Jeffrey L. Kotsch, Chair ('03) 707 Beverley Drive Alexandria, VA 22302 (202) 488-1464 Work (202) 488-1964 FAX jkotsch@fenix2.dol-esa.gov S. Y. Chen ('05) Thomas Johnson ('03) Jay Kunze ('04) Thomas Mohaupt ('04) John Rich ('03)

Exam Site

Larry Hoffman, Chair (*03) PO Box 1663, MS K-542 Los Alamos, NM 87545 (505) 665-8890 Work (505) 665-4477 FAX hoff@lanl.gov John Ahlquist ('04) Donald Brady ('05) Lisa Stetar ('05)

Finance

Thomas H. Essig ('03) 13509 Straw Bale Lane Darnestown, MD 20878 (301) 415-7238 Work (301) 415-5369 FAX the@nrc.gov Ken J. Eger ('05) Edgar D. Bailey ('03)

Nominating

Johnafred Thomas, Chair ('04) 502 Greenwood Drive Clinton, TN 37716 (865) 576-4086 j82@y12.doe.gov Robert Feinberg ('03)
Steven Gebers ('03)
Jerry B. Hunt ('05)
Joel O. Lubenau ('04)
Larry McKay ('03)
David S. Myers ('05)
Carl J. Paperiello ('05)
John Serabian (ABHP Vice Chair)

AMERICAN ACADEMY OF HEALTH PHYSICS COMMITTEE LISTING – 2003

(continued)

NOTE: Term expires at the end of the year indicated

Professional Development

Armin Ansari, Chair ('03) CDC, 1600 Clifton Road MS E39 Atlanta, GA 30333 (404) 498-1837Work aansari@cdc.gov

Jeffrey Chapman ('03) Rodican P. Reed ('04) Bruce R. Thomadsen ('04) Toshihide Ushino ('05) Thomas H. Youngblood ('05)

Professional Standards & Ethics

Carol Berger, Chair ('03) IEM, Inc. 8 Brookes Ave, Ste 205 Gaithersburg, MD 20877 (240) 631-8990 Work cdberger@iem-inc.com Steven R. Frey ('05) Bryce L. Rich ('04) David D. Snellings ('04) Paul L. Ziemer ('03)

AMERICAN BOARD OF HEALTH PHYSICS PANEL CHAIRS AND VICE CHAIRS – 2003

Part I Panel

Patricia A. Milligan, Chair 18900 Barnesville Road Dickerson, MD 20842 (301) 415-2223 Work (301) 415-2698 Fax pamm718@aol.com

George MacDurmon, Vice Chair 3409 Fox Hill Terrace Edmond, OK 73034 (405) 271-6121 Work (405) 271-1768 Fax george.macdurmon@ouhsc.edu

Kent Lambert, Past Chair 450 Marshall Mill Road Franklinville, NJ 08322 (215) 762-8768 Work (215) 762-3722 Fax kent.lambert@drexel.edu

Part II Panel

Daniel S. Mantooth, Chair 30805 S. 875 PRSE Kennewick, WA 99352 (509) 376-6842 Work (509) 762-4450 Fax dbarn01@earthlink.com

Andrew H. Thatcher, Vice Chair 522 North E Street Tacoma, WA 98403 (253) 627-0139 Work (253) 627-4927 Fax thatcher.drew@attbic.com

Sharon Dossett, Past Chair 4107 Tamarack Road W. Richland, WA 99353 (509) 376-3057 Work sharon.dossett@pnl.gov



THE 2003 CHP SALARY SURVEY

Gary Lautenschlager

Introduction

The 2003 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 last year, data was collected in coordination with a salary survey of the entire Health Physics Society (HPS).

Chris Graham and Andy King will report the HPS salary survey results separately in the Health Physics Newsletter.

The survey was also available in hardcopy form for those who preferred to fax or mail their responses.

Questions about this survey should be directed to Gary Lautenschlager, via email: 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. 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 six survey respondents were excluded from the data

analysis because they indicated that they earned \$174,499 or more per year.

Of 60 respondents who reported receiving a significant (10 % or more) salary increase upon attaining ABHP certification: 28% received this increase from their current employer, 48% from a promotion with their current employer, 17% received this increase from a new employer, 3% from part-time consulting, and 3% did not specify.

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 cautioned that for statistical validity, results were usually 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. However, some exceptions were made for general interest.

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 an insufficient number of CHPs the results were not given.

Б

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 Figure 1 and Figure 2, respectively.

All of the following tables are for fulltime CHPs with health, vacation, and retirement benefits.

Table 1: All CHPs

All CHPs	Count	Average	Median	Max	Min	Std Dev
CHPs	282	\$97,039	\$93,750	\$173,750	\$46,250	\$22,085

Table 2: CHPs by Education and Field

Education	Count	Average	Median	Max	Min	Std Dev			
Bachelors Health Physics	16	\$92,656	\$91,250	\$121,250	\$66,250	\$91,250			
Bachelors Other Field	29	\$94,353	\$93,750	\$173,750	\$61,250	\$23,353			
Masters Health Physics	139	\$96,556	\$93,750	\$161,250	\$46,250	\$21,758			
Masters Other Field	23	\$96,902	\$96,250	\$146,250	\$63,750	\$19,206			
Masters Nuclear Engineering	17	\$96,250	\$96,250	\$123,750	\$61,250	\$19,605			
Ph.D. Health Physics	19	\$97,434	\$88,750	\$153,750	\$56,250	\$28,129			
Ph.D. Other Field	23	\$106,793	\$111,250	\$163,750	\$53,750	\$28,752			

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

Education & 6-15 Yrs Experience	Count	Average	Median	Max	Min	Std Dev
All CHPs 6-15 yrs Experience	68	\$86,875	\$86,250	\$148,750	\$53,750	\$16,985
Masters Health Physics	39	\$87,532	\$83,750	\$148,750	\$53,750	\$18,081

Table 4: CHPs by Education and >15 Years Experience

Education & >15 Yrs Experience	Count	Average	Median	Max	Min	Std Dev
All CHPs >15 yrs Experience	208	\$100,252	\$96,250	\$173,750	\$46,250	\$22,578
Bachelors Health Physics	13	\$93,750	\$91,250	\$121,250	\$66,250	\$14,577
Bachelors Other Field	27	\$96,157	\$96,250	\$173,750	\$61,250	\$23,199
Masters Health Physics	97	\$99,987	\$98,750	\$161,250	\$46,250	\$21,875
Masters Other Field	18	\$100,000	\$97,500	\$146,250	\$66,250	\$19,727
Masters Nuclear Engineering	13	\$95,673	\$91,250	\$123,750	\$61,250	\$21,364
Ph.D. Health Physics	10	\$106,250	\$102,500	\$153,750	\$56,250	\$33,520
Ph.D. Other Field	18	\$112,917	\$115,000	\$163,750	\$58,750	\$27,759

Table 5: CHPs by U.S. Regions*

CHPs by Region	Count	Average	Median	Max	Min	Std Dev
Northeast	35	\$95,107	\$91,250	\$151,250	\$53,750	\$22,281

Midwest	35	\$95,250	\$88,750	\$163,750	\$58,750	\$28,031
South	114	\$94,430	\$91,250	\$161,250	\$53,750	\$19,337
West	97	\$102,693	\$98,750	\$173,750	\$61,250	\$20,345

^{*-} 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: CHPs by Education and NRRPT

Education & NRRPT	Count	Average	Median	Max	Min	Std Dev
Bachelors Other Field	11	\$86,477	\$88,750	\$108,750	\$68,750	\$13,850
Masters Health Physics	9	\$99,861	\$88,750	\$161,250	\$61,250	\$32,575

Table 7: Masters Health Physics and Primary Employer

Table	Table 7. Masters Health I hysics and I finially Employer									
Masters Health Physics	Count	Average	Median	Max	Min	Std Dev				
& Primary Employer										
Consulting Firm	9	\$100,139	\$96,250	\$146,250	\$71,250	\$24,015				
Commercial	16	\$100,938	\$93,750	\$161,250	\$71,250	\$26,800				
Federal Government	25	\$100,250	\$96,250	\$148,750	\$71,250	\$21,102				
Government Contractors	18	\$93,750	\$91,250	\$118,750	\$81,250	\$10,880				
Medical	9	\$89,306	\$83,750	\$126,250	\$58,750	\$22,283				
National Laboratory	20	\$109,125	\$105,000	\$161,250	\$78,750	\$23,031				
Nuclear Power Facility	12	\$98,958	\$98,750	\$128,750	\$71,250	\$19,290				
University	20	\$87,500	\$87,500	\$123,750	\$53,750	\$20,302				

Table 8: All CHPs by Other Certifications

All CHPs by Other Certifications	Count	Average	Median	Max	Min	Std Dev		
PE	12	\$107,708	\$113,750	\$146,250	\$46,250	\$27,125		
NRRPT	42	\$93,036	\$90,000	\$161,250	\$61,250	\$21,093		
Other	23	\$101,250	\$98,750	\$156,250	\$56,250	\$20,282		

Table 9: Masters Health Physics and Primary Job Responsibility

= ****								
Masters Health Physics & Primary Job	Count	Average	Median	Max	Min	Std Dev		
Responsibility								
Administration	22	\$105,114	\$101,250	\$161,250	\$73,750	\$23,385		
Applied Health Physics	47	\$90,399	\$86,250	\$151,250	\$46,250	\$22,465		
Environmental	11	\$88,977	\$83,750	\$121,250	\$71,250	\$17,337		
Radiological Assessment	10	\$104,750	\$102,500	\$156,250	\$73,750	\$20,989		
Regulations/Standards	13	\$99,135	\$91,250	\$143,750	\$81,250	\$18,592		

Table 10: All CHPs by Primary Job Responsibility

Primary Job Responsibility	Count	Average	Median	Max	Min	Std Dev
Administration	36	\$104,375	\$101,250	\$161,250	\$73,750	\$22,131
Medical Physics CHPs	10	\$106,500	\$101,250	\$163,750	\$58,750	\$33,962
Regulations, Standards	21	\$93,750	\$86,250	\$143,750	\$53,750	\$19,875
Applied Health Physics	95	\$90,276	\$88,750	\$151,250	\$46,250	\$20,568
Dosimetry	13	\$93,365	\$93,750	\$116,250	\$68,750	\$14,247
Reactors, Power	23	\$100,272	\$96,250	\$146,250	\$68,750	\$19,623
Radiological Assessment	24	\$107,083	\$102,500	\$156,250	\$61,250	\$25,256
Environmental	19	\$92,171	\$91,250	\$123,750	\$71,250	\$16,546

Table 11: CHPs as Professional Staff (All CHPs in this category and by Education)

CHPs as Professional Staff	Count	Average	Median	Max	Min	Std Dev
All CHPs in this Category	130	\$95,154	\$92,500	\$163,750	\$46,250	\$20,231
Masters Health Physics	59	\$95,487	\$93,750	\$148,750	\$46,250	\$19,244
Masters Other Field	10	\$95,000	\$93,750	\$118,750	\$63,750	\$18,153
Ph.D. Health Physics	10	\$86,750	\$85,000	\$111,250	\$61,250	\$17,111

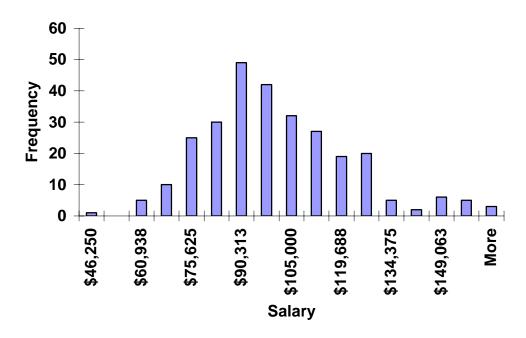
Table 12: CHPs as Supervisor of Professional Staff (All CHPs in this category and by Education)

CHPs as Supervisor of Professional Staff	Count	Average	Median	Max	Min	Std Dev
All CHPs in this Category	75	\$97,750	\$93,750	\$161,250	\$58,750	\$20,193
Masters Health Physics	38	\$96,184	\$93,750	\$161,250	\$58,750	\$22,612

Table 13: CHPs as RPM/RSO (All CHPs in this category and by Education)

CHPs as RPM/RSO	Count	Average	Median	Max	Min	Std Dev
All CHPs in this Category	60	\$94,208	\$91,250	\$153,750	\$53,750	\$22,268
Masters Health Physics	33	\$92,159	\$88,750	\$131,250	\$53,750	\$19,722

All Full-Time CHPs



Acknowledgements

Thank you to all whom participated in this survey. Your participation benefits the entire health physics community. If you did not participate this year, please plan to do so next year. Scott Medling has included safeguards to protect your privacy.

Call for AAHP Nominations

Johnafred Thomas

The American Academy of Health Physics (AAHP) Nominating Committee needs your assistance in finding good nominees interested in serving as AAHP officers. We are seeking nominees for President-Elect, Treasurer, and Director. Nominees must be current Plenary Members of the AAHP (active or emeritus). The elected candidates will take office at the 2004 Health Physics Society (HPS) Midyear Meeting and serve a three-year term of office.

Please contact any member of the Nominating Committee (Johnafred Thomas, Bob Feinberg, Larry McKay, Steve Gebers, Joel Lubenau, John Serabian, Jerry Hunt, Dave Meyers, Carl Paperiello) by phone, fax, or email to volunteer or to nominate someone. Contact information for these individuals can be found in the HPS Membership Handbook or at the AAHP website

(http://www.hpsl.org/aahp/members/members.htm).