

The CHP Corner, March 2022

For CHPs, aspiring CHPs, and anyone else on the bell curve.



The American Academy of Health Physics

Address contributions to:

Editor – Dan Sowers, CHP

Associate Editor – Michael Zittle, MHP, CHP

Email: dsowers430@gmail.com

Email: mzittle@uw.edu



SEEKING CHPS TO SUPPORT AAHP COMMITTEES

Carolyn MacKenzie, CHP-Emeritus, AAHP President-Elect

Now that you are certified and benefiting from your CHP status, are you ready to give back a little time to AAHP and serve on a committee furthering our profession? We are seeking volunteers to serve on the following AAHP committees starting in 2023 for a three-year term. Meetings are online and infrequent.

Continuing Education Committee (two positions): Encourage continuing education programs discussing new developments in the field of health physics. Make recommendations to the Executive Committee on the criteria for awarding CECs in the certification renewal program. Evaluate and assign CECs for programs and courses submitted.

Nominating Committee (four positions): Select two nominees for each elective office, affirm eligibility and willingness, submit to Executive Committee for ballot and vote by the Academy membership. Select candidates for each ABHP vacancy in consultation with ABHP, affirm eligibility and willingness to serve, and submit to Executive Committee at annual meeting.

Professional Standards and Ethics Committee (one position): Define the Standards of Professional Responsibility for CHPs. Review all complaints about the ethical practice of CHPs. Serve in the selection process for the Joyce P. Davis Memorial Award.

Appeals Committee (one position): Review the appeals of health physicists who have been denied certification or certification renewal by the ABHP.

If you are a CHP and are interested in one of these exciting and important committees, email Carolyn MacKenzie, CHP at cmack3140@gmail.com. I look forward to hearing from you!

AAHP SPECIAL SESSION AT THE JULY HPS MEETING IN SPOKANE

Scott O. Schwahn, CHP, AAHP Past President

I am excited to announce that the AAHP Special Session on Tuesday at the summer Health Physics Society (HPS) meeting in Spokane has been finalized. As all of you know, the [International Commission on Radiological Protection](#) (ICRP) develops general recommendations that are periodically revised to address scientific information and other feedback. The last sets of general recommendations were provided via ICRP Publication 60 in 1990 and ICRP Publication 103 in 2007. The ICRP is beginning the process to revise their recommendations again. This process can take a while – perhaps a decade or so. Being just at the beginning, now is an excellent time to provide input. The Special Session will be entitled, “The System of Radiological Protection” and will feature speakers from the ICRP, CEPN (Nuclear Protection Evaluation Centre, Fontenay-aux-Roses, France), U.S. Environmental Protection Agency, U.S. Department of Energy, National Council on Radiation Protection and Measurements, Conference of Radiation Control Program Directors, Memorial Sloan Kettering Cancer Center, and M. H. Chew & Associates, Inc. There will be two panel discussions during the day with lots of opportunity for interaction with the audience. Start looking at your calendar now and plan on attending this *very* special, highly engaging session!

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PASS/FAIL RATE FOR 2019 - 2021 PART I AND PART II EXAMINATIONS

Kyle Kleinhans, CHP, ABHP Chair

The ABHP has reviewed the pass/fail rate by both major and degree for the 2019 – 2021 exams. Only the candidate's highest degree was included. Table 1 displays data for Part I and Table 2 displays data for Part II.

Table 1. Cumulative 2019 – 2021 Part I Data

| Major | Degree | Pass | Fail |
|---|---------------|-------------|-------------|
| Agricultural Sciences and Natural Resources | B.S. | 1 | 0 |
| Applied Physics | B.S. | 1 | 0 |
| Applied Physics | Ph.D. | 1 | 0 |
| Astrophysics | B.S. | 1 | 1 |
| Biochemistry and Genetics | B.S. | 1 | 0 |
| Biology | B.S. | 0 | 1 |
| Biomedical Physics and Biology | B.A. | 0 | 1 |
| Business Administration | Masters | 0 | 2 |
| Chemical Engineering | B.S. | 1 | 1 |
| Chemistry | B.S. | 2 | 2 |
| Engineering | Masters | 1 | 0 |
| Engineering Physics | M.S. | 1 | 0 |
| Environmental Health/ Science | B.S. | 2 | 0 |
| Environmental Studies | M.S. | 0 | 1 |
| Experimental Nuclear Physics | Ph.D. | 1 | 0 |
| Geology | B.S. | 0 | 1 |
| Health Physics | B.S. | 6 | 7 |
| Health Physics | M.S. | 38 | 29 |
| Health Physics | Ph.D. | 1 | 1 |
| Human Biology | B.S. | 1 | 0 |
| Industrial Technology | B.S. | 0 | 1 |
| Inorganic Chemistry | M.S. | 0 | 1 |
| Mathematics | B.S. | 1 | 0 |
| Mechanical Engineering | B.S. | 0 | 1 |
| Medical Physics | B.S. | 1 | 0 |
| Medical Physics | M.S. | 9 | 11 |
| Medical Physics | Ph.D. | 0 | 2 |
| MLS | Bachelors | 0 | 1 |
| Nanoengineering and Marine Biology | B.S. | 0 | 1 |
| Nuclear and Radiological Engineering | B.S. | 0 | 1 |
| Nuclear Chemistry | Ph.D. | 1 | 0 |

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|---|-----------|------------|------------|
| Nuclear Engineering | B.S. | 6 | 3 |
| Nuclear Engineering | M.S. | 8 | 4 |
| Nuclear Engineering | Ph.D. | 4 | 4 |
| Nuclear Engineering Technology | B.S. | 2 | 10 |
| Nuclear Engineering Technology Management | M.S. | 1 | 0 |
| Nuclear Plasma Radiological Engineering | B.S. | 0 | 1 |
| Occupational Health and Safety | B.S. | 0 | 1 |
| Occupational Safety & Health Engineering | M.S. | 0 | 2 |
| Physics | B.A./B.S. | 6 | 9 |
| Physics | M.S. | 2 | 1 |
| Physics | Ph.D. | 2 | 2 |
| Physiology | M.A. | 1 | 0 |
| Public Health | B.S. | 0 | 2 |
| Public Health | M.A. | 1 | 0 |
| Radiochemistry | Ph.D. | 0 | 1 |
| Radiology | Ph.D. | 0 | 1 |
| Total | | 104 | 107 |
| B.A./B.S. Total | | 32 | 45 |
| M.A./M.S. Total | | 62 | 51 |
| Ph.D. Total | | 10 | 11 |

Table 2. Cumulative 2019 – 2021 Part II Data

| Major | Degree | Pass | Fail |
|---|---------------|-------------|-------------|
| Agricultural Sciences and Natural Resources | B.S. | 1 | 0 |
| Applied Physics | M.S. | 1 | 0 |
| Applied Physics | Ph.D. | 0 | 1 |
| Biochemistry and Genetics | B.S. | 1 | 0 |
| Chemical Engineering | M.S. | 2 | 0 |
| Chemistry | B.S. | 1 | 1 |
| Chemistry | M.S. | 0 | 1 |
| Chemistry | Ph.D. | 1 | 0 |
| Computer Engineering | B.S. | 0 | 1 |
| Engineering Physics | M.S. | 0 | 1 |
| Environmental Biology | B.S. | 1 | 0 |
| Environmental Science | B.S. | 1 | 3 |
| Environmental Science | M.S. | 0 | 2 |
| Health Physics | B.S. | 4 | 6 |
| Health Physics | M.S. | 28 | 22 |
| Health Physics | Ph.D. | 3 | 0 |
| Medical Physics | M.S. | 2 | 2 |

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|--------------------------------|------------------------|-----------|-----------|
| Medical Physics | Ph.D. | 1 | 1 |
| MLS | B.S. | 0 | 1 |
| Nuclear Engineering | B.S. | 2 | 0 |
| Nuclear Engineering | M.S. | 5 | 1 |
| Nuclear Engineering | Ph.D. | 1 | 9 |
| Nuclear Engineering Technology | B.S. | 0 | 1 |
| Nuclear Physics | Ph.D. | 0 | 1 |
| Physics | B.S. | 1 | 4 |
| Physics | M.S. | 1 | 0 |
| Physics | Ph.D. | 1 | 1 |
| Physiology | M.A. | 1 | 0 |
| Public Health | M.S. | 0 | 1 |
| Radiochemistry | Ph.D. | 0 | 1 |
| | Total | 59 | 61 |
| | B.A./B.S. Total | 12 | 17 |
| | M.A./M.S. Total | 40 | 30 |
| | Ph.D. Total | 7 | 14 |