From Japan to the World

From Japan Young Health Physicist to the World

Young Researcher's Association of JHPS
Japan Health Physics Society Students Association

I. The Report on Activities of Young Researcher's Association of JHPS

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1. INTRODUCTION

Young Researcher's Association of JHPS (hereinafter referred to as 'YRA'), which comprises of members of Japan Health Physics Society (JHPS) under the age of 35, was built in 1987 with 7 voluntary members. YRA was formally approved in 1988 by JHPS. Membership of the group increases up to about 40 of engineers and researchers from radiation – related company, research institution and academia. Our objective is to promote the exchange of information through an active utilization of mailing list and periodical meetings, and to cultivate a relationship with other young groups of relative scientific body. In this paper, we introduce activities of YRA.

2. MAIN ACTIVITIES OF YRA

a) Annual Meeting

The largest event of our group is annual meeting that has been usually held on autumn. For the sake of lively discussion, member's concern or current events relating to radiation protection are picked up as the main theme of the meeting, which is determined with vote by member. Themes of the annual meeting are shown in Table I-1.

b) Periodical Seminar on Recently Topics

Periodical seminar has been held since the year of 2008. Arrangement of the seminar is intended to following considerations.

- 1) Lectures about new knowledge, new technology, or new consideration on radiation protection
- 2) Arrangement of visitation of radiation facility.

Table I-1 Themes of annual meeting in recent 5 years.

Year	Theme
2004	Radiation protection and radiation control on medical site.
2005	Risk communication.
2006	20 years after Chernobyl accident (Review the health effort from epidemiological studies).
2007	How mass medias report on nuclear matters.
2008	Study on new recommendations of ICRP.

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3) Collaboration with student association called Japan Health Physics Society Students Association.

As shown in Table I-2, the seminar has been held four times so far.

Table I-2 Main theme of Periodical Seminar

Date	Main theme
Aug., 2008	Is cancer induction risk from radiation proportional to dose?
Dec., 2008	Message from Young health physicist to the radiation protection expert group of college student.
Feb., 2009	Representative point calibration method for efficiency calibration of germanium semiconductor detector; Visitation of Japan Proton Accelerator Research Complex.
May., 2009	Protection in existing exposure situation.

c) Utilization of Mailing List and YRA's Web Site

Latest information of our activity and its record are continuously updated onto YRA's web site (<http://wwwsoc.nii.ac.jp/jhps/j/wakate/wakate/wakate.html>). In order to exchange information and to debate effectively, mailing list system has been constructed. New information can be easily distributed with the system.

d) Japanese Journal of Health Physics, "YRA's pages"

YRA sent own information to the Japanese Journal of Health Physics, which is named 'Wakatekenkyukai-no-page (in Japanese)'. Latest contents of their pages shows as follow.

- 1) Self-introduction of our member,
- 2) Activity report, project, and announcement,
- 3) Report on the activity of annual meeting,
- 4) Report on the activity of periodical seminar,
- 5) Message from JHPS award winners,
- 6) Message from the young members of committees in JHPS,
- 7) About qualification of Professional Engineer, and
- 8) How to use shortcut key for presentation software, word processor, and so on.

e) Active Participation in Japan Health Physics Society Annual Meeting

In JHPS annual meeting, our activity has been reported on the poster session. In the 43rd JHPS annual meeting (Jun. 3-4, 2009, Osaka), we had session about "Considering the radiation protection in future by young researcher".

f) Active Participation in committees within JHPS

As a young radiation protection specialist, we actively address in committees, which include the activity of executive committee, 4 permanent committees, Strategic planning committee, Publication committee, International affairs committee, and Japanese standardization committee on radiation protection.

3. PERSPECTIVE FOR THE FUTURE

Action plan of Young Researcher's Association of JHPS are provided as follows; promoting new technology and scientific knowledge transmission from top engineers/scientists to

young generation, continuously strengthening information exchanging among relative scientific bodies (e.g. student association), and establishment of close cooperation and relations among engineers/researchers in the world.

We hope to contact you for the wonderful collaboration in the near future!

II. Basic facts of Japan Health Physics Society Students Association

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1. BACKGROUND

Recently, highly intense and energetic association was observed in Japan Health Physics Society (JHPS). This association is called Japan Health Physics Society Students Association (JHPS-SA). Basics about this association has been reported elsewhere.^{1, 2)} In this paper, we focus on the current status and activities of JHPS-SA.

2. METHODS

Current status was investigated by reading official documentation. Activities were observed directly by spending at least two years as a member of JHPS-SA.

3. RESULTS AND DISCUSSIONS

Outline of JHPS-SA is shown in **Table II-1**. Three photos of their activities are shown as **Fig. II-1(a)-(c)**.

Observed activities are as follows. Their details are explained elsewhere.^{3~5)}

- Annual meetings
- Students' sessions in JHPS conference
- Irregular technical tours

Because the only requirement for reception into JHPS-SA is to be a student, students especially in the field of health physics are encouraged to take part in it by sending a mail to jhps@n.t.u-tokyo.ac.jp.

Table II-1 Outline of JHPS-SA

Establishment	Feb. 2006
Founder	S. AZUMA (Univ, Tokyo)
President	T. OGAWA (Univ, Tokyo)
Category	Private organization
Members	50 students including Study on New recommendations of ICRP. 16 doctor candidates 33 master students >5 bachelor students
Mission	Strengthening of bonds between students in the field of health physics Sharing information on job opportunities
Core competencies	Low dependence upon JHPS, Strong-willed executives Tatsuhiko OGAWA and Junya YAMADA

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4. SUMMARY

It is found that JHPS-SA is an active association organized by students in JHPS. They hold several events every year on their own initiative. Therefore, authors recommend to participating in JHPS-SA with confidence.

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Fig. II-1:

- (a) Presentation in an annual meeting to exchange ideas on research.
- (b) Students' session in JHPS conference 2009.
- (c) Discussion during recess of annual meeting.