

# Accelerator Section Report for 2014

**Official Year:** July - June  
**Mailing Address:** 6678 Old Station Drive, West Chester, OH 45069-4360  
**Dues:** \$5.00  
**Charter Date:** August 24, 1993 (revised)

**Sponsor HPS special sessions or regional/topical meetings?** yes

The Health Physics Society's (HPS) Accelerator and Medical HP Sections as well as the Deep South Chapter HPS sponsored (along with several other organizations) the 2014 Health Physics Society Professional Development School (PDS) in Baton Rouge, Louisiana. The theme "Radiation Safety in Medicine" focused on many of the issues that impact the HPS medical and accelerator communities. A special effort was made to have members of the American Association of Physicists in Medicine (AAPM) actively participate in planning and presentations at the PDS. We in particular received major and most appreciated support from both LSU and Mary Bird Perkins Cancer Center (MBPCC) staff and associated organizations in the Baton Rouge area. Further, we received approval for CAMPEP credits and the AAHP maximum of 32 continuing education credits, for which the attending students were required to complete evaluations of the PDS course material. The feedback from those evaluations, the PDS had at least 40 students in attendance not counting the LSU Health Physics and Medical Physics graduate students who dealt with many of the logistical issues besides attending most of the sessions, indicated a highly successful and well-received program by those in attendance. The meeting took place at the Lod Cook Hotel and Conference Center in Baton Rouge, Louisiana from the afternoon of Wednesday, February 12th to noon Saturday, February 15th. The Administrative Dean for the PDS was the Accelerator Section's own Lorraine Marceau-Day, CAM-D. The Academic Deans were Wayne Newhauser, medical physicist at LSU, and Wei-Hsung Wang, RSO for LSU. Scott Walker, BNL/NSLS-II co-chaired a session on medical isotope production with special focus on accelerator technologies and presented on radiation safety aspects of nanotechnology.

**Collaborate with other societies or HPS Sections?** yes

See above

**Website:** <http://hpschapters.org/sections/accelerator/>

**Officers:**

<b>Position</b>	<b>Name</b>	<b>Year</b>
Section Members		
President	Jason Harris	'14
President-Elect	Steven R Frey	'14
Past President	Michael D Sandvig	'14
Secretary/Treasurer	Johannes Bauer	'14
Board of Directors	Robert May	'15
Board of Directors	Jack D Cossairt	'16
Board of Directors	Henry F Kahnhauser	'14
Newsletter Editor	Scott O. Schwahn	'16
Board of Directors	George Kharashvili	'14
Board of Directors	Melissa Mannion	'15
Board of Directors	Reginald M Ronningen	'16

Non-Section HPS Members

Director Liaison            Cheryl Olson

Non-HPS Members

Webmaster                    Ruedi Birenheide

***Other Meetings/Activities:***

• 2013 Accelerator Section Business Meeting. The Accelerator Section held its annual business meeting on July 9, 2013, during the 58th Annual Meeting of the HPS in Madison, Wisconsin. Newly elected officers were announced and assumed their positions.

Student awards were presented. The minutes of this meeting have been posted on the Section website at:

<http://hpschapters.org/sections/accelerator/documents.php3>. •

2013 Accelerator Section Executive Board of Directors Meeting. The Accelerator Section Board of Directors (BOD) met on July 8, 2013, during the 58th Annual Meeting of the HPS. The election results were announced and certified for presentation to the general membership at the section business meeting. The BOD affirmed supporting the 2014 HPS Mid-year Professional Development School (PDS) in Baton Rouge, Louisiana. The BOD also gave preliminary support for a special Accelerator issue of the Health Physics Journal. Members would look into gathering articles for the issue. The meeting minutes have been posted on the Section website at:

<http://hpschapters.org/sections/accelerator/documents.php3>. • 2013 H. Wade Patterson Memorial Award. Following the 2013 Accelerator Session in Madison, the section announced the honoree for the H. Wade Patterson Memorial Award, presented each year to recognize an outstanding student in accelerator health physics

(<http://hpschapters.org/sections/accelerator/awards.php3>). The winner of the H. Wade Patterson Award was Shraddha Rane, Idaho State University, Pocatello, Idaho for her presentation titled:

Feasibility study of the photo-nuclear production of Ac- 225.

The Student Awards Committee members were Mike Grissom, Lorraine Day, Bob May, and Jason Harris. Shraddha also was recognized at the 2013 HPS Awards Reception and Banquet and received a plaque and \$150 check. • 2013 Lutz Moritz Memorial Award. At the 2013 Accelerator Session in Madison, the section announced the honoree for the Lutz Moritz Memorial Award, presented each year to recognize an outstanding student in accelerator health physics

(<http://hpschapters.org/sections/accelerator/awards.php3>). The Lutz Moritz Award was given to Dayton McMillan, Colorado State University, Ft. Collins, Colorado. His presentation was titled

Characterizing Significance of High LET Electrons for Cell Death with  $^{64}\text{Cu}$ -diacetyl-bis(N4-methylthiosemicarbazone). The Student Awards Committee members were Mike Grissom, Lorraine Day, Bob May, and Jason Harris. Dayton was also recognized at the 2013 HPS Awards Reception and Banquet and received a plaque and \$150 check. • 2014 Accelerator Section Student Awards. The

Section will be selecting one student's work submitted to the annual meeting to receive the H. Wade Patterson Memorial Award and another student's work for the Lutz Moritz Memorial Award. Like the H. Wade Patterson Memorial Award, the Lutz Moritz Memorial Award will be presented to a promising health physics student who has submitted an outstanding talk or poster on accelerator radiation protection. Each award will provide the winner with a \$150 check and plaque. See details of these awards on the Accelerator Section website

(<http://hpschapters.org/sections/accelerator/awards.php3>). The 2014 Students Award Committee will be formed by the Section President in the near future. Final selections will be made at the 59th Annual Meeting of the HPS in Baltimore, Maryland. •

2014 Accelerator Section Sessions at the 59th Annual Meeting of the HPS, Baltimore, Maryland. Two accelerator sessions are planned at the HPS Annual Meeting in Baltimore, Maryland on Tuesday, July 15, 2014. • Accelerator Section Elections. o 2013: The election results from 2013 were as follows: Steve Frey President Elect, Don Cossairt Board Member, and Reginald

Ronningen Board Member. The 2013 ballots were made available in June 2013 and results were determined at the 2013 Accelerator Section Board Meeting held at the 58th Annual Meeting of the HPS in Madison Wisconsin. o 2014: Scott Walker served as the Section's Nominations Committee Chairperson (appointed by Jason Harris). This year's ballots will be issued in early July, 2014. Final vote tallies and results announcement will be made at the HPS Accelerator Section's Annual Business Meeting at 11:00am, Tuesday July 15, 2014. The Accelerator Section Board Meeting will be held on Monday, July 13 in the Hilton Peale Room, Baltimore, MD. • Accelerator Section Website. The Accelerator Section website (<http://hpschapters.org/sections/accelerator/>) continued to be maintained and updated by Section officers as assisted by HPSCHAPTERS.ORG webmaster Ruedi Birenheide and the section's newly-appointed webmaster Scott Schwahn. Items added in 2013-2014 included lectures from Accelerator Section Special Sessions and other accelerator-related talks, photos of Accelerator Section members at HPS meetings, announcements of student and volunteer award recipients, and section business documents. In support of the HPS Board initiative to bring more value to Members, our webmaster has worked with the HPS.ORG webmaster, HPSCHAPTERS.ORG webmaster, and the Secretariat to develop a method by which certain areas of Section websites on the HPSCHAPTERS.ORG domain can be closed to non-members. It is now possible. The Accelerator Section is now implementing the technique, as can other Sections and Chapters. An example may be seen where documents can only be accessed by Section members (<http://hpschapters.org/sections/accelerator/documents.php3>) using their HPS Member ID and password, which is checked against the Secretariat active listing. • Accelerator Radiation Safety Newsletter. The 3rd quarter 2013, 4th quarter 2013, 1st quarter 2014, and 2nd quarter 2014 issues have been distributed during this reporting period. The newsletter is distributed internationally via e-mail to all members of the Accelerator Section and to others interested in accelerator safety. The newsletter is also available on the web at: <http://hpschapters.org/sections/accelerator/newsletters.php3>. The contents of the newsletters included reports from officers of the Accelerator Section and news from correspondents at accelerator facilities around the world. • Nomination of Dr. Lorraine Marceau Day for as a Dade Moeller Lecturer at the 2015 HPS Annual Meeting. A nomination will be but forward by the Accelerator Section for Dr. Lorraine Marceau Day as a Dade Moeller Lecturer at the 2015 HPS Annual Nomination. The nomination is being submitted by Jason Harris, Mike Sandvig, Steve Frey and the rest of the officers of the Accelerator

Section BOD

*Additional Comments/Concerns/Suggestions:*

The Accelerator Section continues to be concerned about the issue of declining membership. The Section strongly supports HPS Past President Armin Ansari's ongoing membership initiatives, and though this year there was some progress in gaining new members in the 2012-2013 Board year, efforts are still needed for further improvement.

This report was submitted on 14 July 2014 by Jason Harris.