

# Accelerator Section Report for 2015

**Official Year:** July - June  
**Mailing Address:** 46 Encantado Loop, Santa Fe, NM 87508  
**Dues:** \$5.00  
**Charter Date:** August 24, 1993 (revised)

**Sponsor HPS special sessions or regional/topical meetings?** no

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

The Accelerator Section contributed \$300 to the upcoming HPS Science Camp, which will be held during the upcoming 2015 HPS Annual Meeting in Indianapolis, IN.

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

## Officers:

Position	Name	Year
Section Members		
President	Steven R Frey	'15
President-Elect	Elaine T Marshall	'15
Past President	Jason Harris	'15
Secretary/Treasurer	Linnea Wahl	'16
Newsletter Editor	Patrick Bragg	'15
Board of Directors	Robert May	'15
Board of Directors	Jack D Cossairt	'16
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:

- 2014 Accelerator Section Business Meeting. The Accelerator Section held its annual business meeting on July 15, 2014, during the 59th Annual Meeting of the HPS, in Baltimore, Maryland. An announcement was made to the attendees that the election of new officers was being extended through the close

of business on July 18, 2014. The results of the election became effective immediately after the election closed on July 18, 2014, and were as follows: President Elect: Elaine T. Marshall Secretary/Treasurer: Linnea E. Wahl Newsletter Editor: Stewart M. Smith\* \* Note: Stewart resigned in December 2014 and was replaced by Patrick Bragg in January 2015. The Section budget was reviewed and deemed to be in good condition. A prospective issue for Health Physics Journal on accelerator topics was raised for discussion. A task force was chosen to look into its feasibility. Student awards were then presented (as discussed below). The minutes of this meeting have been posted on the Section website at:

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

2014 Accelerator Section Executive Board of Directors Meeting. The Accelerator Section Board of Directors (BOD) met on July 14, 2014, during the 59th Annual Meeting of the HPS. Due to the lateness of the start of the election of new officers, the BOD decided to extend the election until the close of business on July 18, 2014, to allow more Section members time to vote. The Section BOD approved nominating Dr. Lorraine Marceau-Day for a 2015 Dade Moeller Lectureship Award. Steve Frey agreed to lead the assembly of her nomination package to be submitted to HPS leadership. A minor change to the Section's standard operating procedure was proposed and was approved by the Section BOD. The meeting minutes have been posted on the Section website at:

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

• 2014 H. Wade Patterson Memorial Award. Following the 2014 Accelerator Session in Baltimore, the Section announced the honoree for the H. Wade Patterson Memorial Award, presented each year to recognize an outstanding student presentation on accelerator health physics (<http://hpschapters.org/sections/accelerator/awards.php3>). The winner of the H. Wade Patterson Award was Bindu KC of Idaho State University for her presentation titled Production of  $^{67}\text{Cu}$  Using Linear Accelerator. The Student Awards Committee members were Lorraine Marceau-Day (Chair), Jason Harris, and Reginald Ronningen. Bindu also was recognized at the 2014 HPS Awards Reception and Banquet by then HPS President Darrell Fisher and received a plaque and \$150 check (<http://hpschapters.org/sections/accelerator/awards.php3>).

• 2014 Lutz Moritz Memorial Award. At the 2014 Accelerator Session in Baltimore, the Section announced the honoree for the Lutz Moritz Memorial Award, presented each year to

recognize an outstanding student presentation on accelerator health physics (<http://hpschapters.org/sections/accelerator/awards.php3>). The Lutz Moritz Award was given to Lienard Chang of Georgetown University for his presentation titled Organ Dose Conversion Coefficients for Pediatric Reference Computational Phantoms Exposed to External Photon Radiation Fields. The Student Awards Committee members were Lorraine Marceau-Day (Chair), Jason Harris, and Reginald Ronningen. Lienard was also recognized at the 2014 HPS Awards Reception and Banquet by then HPS President Darrell Fisher and received a plaque and \$150 check (<http://hpschapters.org/sections/accelerator/awards.php3>).

- Accelerator Section Elections. Scott Walker served as the Section's Nominations Committee Chairperson (appointed by then President Jason Harris). The 2014 ballots were issued on July 12, 2014, and the election concluded at the close of business on July 18, 2014. The votes were counted by Scott Walker and Steve Frey and the results were announced to the Section membership via email on July 24, 2014. The 2015 Nominations Committee Chairperson is Dr. Rich Brey. The 2015 balloting began electronically on June 19, 2015. The electronic ballot service will close on 07/10/2015, and taking into account any additional ballots cast by attendees at the annual Accelerator Section business meeting prior to its conclusion on July 14, 2015, the results will be announced at the conclusion of that meeting.

- 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 Steve Frey (due to internet inaccessibility and limitations at his remote worksite, former Section Newsletter Editor Stewart Smith could not fulfill these duties, so Steve stepped in for him).

- Accelerator Radiation Safety Newsletter. The 3rd quarter 2014 issue was distributed on October 28, 2014, the 4th quarter 2014 issue was distributed on January 8, 2015, the 1st quarter 2015 issue was distributed on April 11, 2015, and the 2nd quarter issue will be issued on July 2, 2015. The newsletter is distributed internationally via email 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.

- 2015 Dade Moeller Lectureship Award. Per approval by the Section BOD on July 14, 2014, to nominate Dr. Lorraine Marceau-Day for this award in 2015, Steve Frey compiled a nomination package consisting of a cover letter of recommendation supported by numerous letters of support from her colleagues and submitted the package to the HPS leadership via email on December 10, 2014. On January 23, 2015, HPS President Barbara Hamrick notified the Accelerator Section that its nomination of Lorraine was approved, and that Lorraine has won this award. Lorraine will receive a commendation and will deliver a technical presentation, How Science and Technology will Change the Practice of Health Physics, as a result of this award at the plenary session of the upcoming 2015 HPS Annual Meeting.

- 2015 Accelerator Section Student Awards. The Section will be selecting one student's presentation of work submitted to the annual meeting to receive the H. Wade Patterson Memorial Award and another student's presentation of 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 presented 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 2015 Students Award Committee was formed by Dr. Lorraine Day and Steve Frey in May 2015. Determination of the winners of these awards will be made at the 60th Annual Meeting of the HPS in Indianapolis, Indiana.

***Additional Comments/Concerns/Suggestions:***

The Section suggested holding an Accelerator Section sidewalk star party during the upcoming HPS Annual Meeting in Indianapolis as a way to help attract more interest in joining the Section and to promote the scientific enjoyment that joining HPS can bring to new members. In early 2015, an effort was made to sponsor a sidewalk star party in Indianapolis, but we did not succeed (local astronomy entities in Indianapolis were unwilling or unable to support the idea). Our

recommendation is to try again at the 2016 HPS Annual Meeting in Spokane, WA.

This report was submitted on 3 July 2015 by Steven R Frey.