2012-2013 SPS Annual Chapter Report Template

Please remember Step #1 – Updating Chapter Information
http://www.aip.org/spsinfo/report/entry.jsp

Cover Sheet: Basic Chapter Information

<table>
<thead>
<tr>
<th>SPS ZONE</th>
<th>04</th>
</tr>
</thead>
<tbody>
<tr>
<td>(for help see the Zone Map Here: <a href="http://www.spsnational.org/governance/handbook/websites.htm">http://www.spsnational.org/governance/handbook/websites.htm</a>)</td>
<td></td>
</tr>
<tr>
<td>SPS Chapter Number</td>
<td>7751</td>
</tr>
<tr>
<td>School Name</td>
<td>University of Virginia</td>
</tr>
<tr>
<td>Sigma Pi Sigma Chapter Number (if applicable)</td>
<td>153</td>
</tr>
<tr>
<td>Chapter Advisor</td>
<td>Stefan Baessler</td>
</tr>
<tr>
<td>Email</td>
<td><a href="mailto:baessler@virginia.edu">baessler@virginia.edu</a></td>
</tr>
<tr>
<td>Name of person responsible for preparing the report, Title</td>
<td>Alyssa Henderson (SPS Treasurer, Sigma VP), Amy Rodgers (SPS President)</td>
</tr>
</tbody>
</table>

Now, use the following guide to tell us your story!
Feel free to take liberties with the format—Just tell us who you are, what you did, and give us enough details to brag about your SPS Chapter and to share your work and great ideas with other chapters!

Part 1: Our chapter’s interactions and participation in SPS National Programs.
In this section, tell us about … (remember-these are just ideas—feel free to elaborate!)

…your chapter’s participation in SPS National Office programs—this might include applications or nominations for SPS National award opportunities:, project awards, Marsh White Award, Blake Lilly, nominations for Outstanding Chapter Advisor

..your chapters participation in SPS governance—nominees for Associate Zone Councilor or Zone councilor, or other elected SPS office?

…chapter members who applied for travel awards or reporter awards

…chapter members who applied for SPS scholarships

• Please include photos or other visual aids to illustrate your text; cut/paste these into the document, with captions to explain the photos or images. **Please include NUMBERS – how many attended, etc.**

• Enter your report items as a narrative – bulleted narratives are recommended this text box will expand as needed to accommodate your entries.

- About ten members attended PhysCon
- Voted in the 2012 SPS National Council Election
- Voted in the 2013 SPS National Council Election

We have no photos for these events.
Part 2: Our Chapter’s interactions with the professional physics community outside the college/university

In this section, tell us about … (remember-these are just ideas—feel free to elaborate!)
…your chapter’s participation SPS Zone meetings, National SPS meetings, or National Sigma Pi Sigma meeting or participation in other professional physics meetings—Include titles and authors of papers presented by your chapter members, attendance by your members, distances traveled, tours;
…hosting a zone meeting? If your chapter hosted a Zone meeting during 2008-09, describe the program, institutions represented, number of papers presented, guest speakers invited, tours conducted, etc. Please attach a copy of the program and photographs, if not already submitted for publication in the SPS Observer
…any publications or presentations by your chapter members (authored or co-authored) – please list titles, and full reference.
…any other interactions with other SPS chapters?

• Please include photos or other visual aids to illustrate your text; cut/paste these into the document, with captions to explain the photos or images. Please include NUMBERS – how many attended, etc.
• Enter your report items as a narrative – bulleted narratives are recommended this text box will expand as needed to accommodate your entries.

• Three members attended the Southeastern Section of the American Physical Society (SESAPS) conference in November
  ➔ Each of the members gave a talk
    o David Wilson “Minimum-Bias Studies Using the Energy Scan Data from the Fermilab Tevatron Collider”
    o Alyssa Henderson “Studies of Silicon Photomultipliers for their use in the Mu2e Experiment at Fermilab”
    o David McLaughlin gave a presentation on his nuclear physics research
  ➔ Two presented posters along with their talks
    o David Wilson “Minimum-Bias Studies Using the Energy Scan Data from the Fermilab Tevatron Collider”
    o Alyssa Henderson “Studies of Silicon Photomultipliers for their use in the Mu2e Experiment at Fermilab”
  ➔ Traveled to Tallahassee, FL (830 mi)
• Two members attended the Southeastern Conference for Undergraduate Women in Physics (SCUWiP) conference in January
  ➔ Both gave talks
    o Christine O’Donnell gave a presentation on her astrophysics research
    o Alyssa Henderson “Studies of Silicon Photomultipliers for their use in the Mu2e Experiment at Fermilab”
  ➔ One obtained a summer internship offer
  ➔ Traveled to Florida State University, FL (830 mi)
• One member attended the APS March meeting
  ➔ Presented talk on research
  ➔ Traveled to Baltimore, MD (154 mi)
Make sure that all photos are captioned with SPS member names when possible.

*We have no photos for these events.*
Part 3: Our chapter’s interactions in our campus community

In this section, tell us about … (remember—these are just ideas—feel free to elaborate!)
…your chapter’s participation in local SPS meetings—how often did you meet, what did you do at your meetings, how did the results of the meetings shape plans for next year? Be sure to tell us about guest speakers, films, business meetings, tours, student presentation rehearsals, etc.
…your chapter’s social events – parties, movies, picnics, banquets outings that were for fun?
…how your chapter helped with student recruitment and retention efforts for your department or college/university
…how your chapter interacted with alumni – include newsletters, invitations to speak, arranging internships or visits with local industries through alumni contacts, etc.
…your SPS chapter’s connection within your department and to the campus in service or outreach in on campus events.
…how your chapter participated in on campus SPS-sponsored social events or interactions in cooperation with other student organizations or on campus groups…like, co-sponsoring a colloquium…helped with a campus blood drive..
... your chapter’s strategy for promoting SPS membership

…IMPORTANT: details on how you fund your SPS activities!

Note that there is a separate section for telling us about your Sigma Pi Sigma Activity at the end of the report – that’s BONUS material

- Please include photos or other visual aids to illustrate your text; cut/paste these into the document, with captions to explain the photos or images. **Please include NUMBERS** – how many attended, etc.
- Enter your report items as a narrative – bulleted narratives are recommended this text box will expand as needed to accommodate your entries.
- Start with some basic questions…

<table>
<thead>
<tr>
<th>Did your chapter meet regularly this year?</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>If yes, with what frequency?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>About how many people attended your regular meetings?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>How many people involved in your local chapter are SPS National members? (i.e., they pay SPS National dues of $24)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Met once a week, every week on Friday at 1pm
- About 20 students attend regularly, 10 of which are SPS National members
- Most often we have a guest speaker; generally whoever will be giving the faculty colloquium that week gives SPS a shortened version of their presentation
- Once this year we had student speakers; SPS members presented and talked about their own research and what they were interested in
- We went on tours of our school’s labs
- Physics Major Dinner – professors & students
- SPS barbeque at the end of the Spring Semester
- Each year we design and sell Physics T-shirts and hoodies
- To promote SPS, professors and/or SPS officers announce it to physics major classes in the beginning of the semester
- We also have a Facebook page to keep members updated
- Funds: Physics Department and selling pizza slices at meetings
Make sure that all photos are captioned with SPS member names when possible.

*Some of our members outside the Physics building, a few showcasing the SPS Physics shirts.*

Back row: Member, Nick Roane, Thomas Schaevel, Anish Tondwalkar, Michael Viray, Ahsan Zulfeqar Khan and Josh Hall,

Middle row: Elton Ho, Janet Rafner, Mita Timbe, Alyssa Henderson, Christine O’Donnell, Amy Rodgers,

Bottom: Anthony Charles

Make sure that all photos are captioned with SPS member names when possible.

*Some of our members by the Physics sign.*

Back row: Ahasanul Hoque, Elton Ho, John Woods, Ryan Lipps, David Mclaughlin, Duc Trung, Brian Leong, David Van Petten, Women: Ranjani Sarma, Amy Rodgers, Alyssa Henderson

Bottom: Poon Panichpibool
We do not fundraise very much, aside from selling pizza at meetings. Otherwise we rely on the students or the Physics Department.

**Special section on how your chapter funds its activities**

We are trying to build a database for chapters to use for how to fund their activities. The more you can tell us, the more we can share....how/what/ how much --- and how is the money spent...do you fund travel, scholarships, weekly meeting expenses, subsidize meeting registration.....tell us the story of you your chapter works financially....or maybe take the opportunity to tell us about struggles that you have as well.

We do not fundraise very much, aside from selling pizza at meetings. Otherwise we rely on the students or the Physics Department.
Part 4: Our chapter’s interaction with the off-campus public community

In this section, tell us about … (remember-these are just ideas—feel free to elaborate!)
…your chapter’s efforts and service and outreach beyond the campus community—for example, working grades K-12 children or the general public—include projects such as “Physics Circuses,” classroom demonstrations, tutoring services, assistance with school science fairs, open houses, promoting the US Physics Olympiad Team, etc.
…any other community service that your chapter did
...participation in off campus social events or interactions with other civic groups
… anything that you did to interact and represent physics or SPS in events or activities outside the campus community
… any chapter-organized charitable service, fundraising, etc. that was performed on behalf of individuals, families, charities, non-profit groups, etc.

• Please include photos or other visual aids to illustrate your text; cut/paste these into the document, with captions to explain the photos or images. Please include NUMBERS – how many attended, etc.
• Enter your report items as a narrative – bulleted narratives are recommended this text box will expand as needed to accommodate your entries.

• SPS members participated in The Physics Day Show, an on grounds event showcasing fun physics demos and explanations for children
• Amy Rodgers serves as a University Guide, showing interested students what life at UVa is like...and of course urging them to get into physics

Make sure that all photos are captioned with SPS member names when possible.

No photos for this section
Part 5: FREESTYLE Category: The way our chapter strives to further the SPS Purpose and Mission.
(This category will be double weighted)

In this section, tell us about your chapter’s efforts and activities that advance the purpose and mission of the Society of Physics Students:

SPS MISSION: “The SPS exists to help students transform themselves into contributing members of the professional community. Course work develops only one range of skills. Other skills needed to flourish professionally include effective communication and personal interactions, leadership experience, establishing a personal network of contacts, presenting scholarly work in professional meetings and journals, and outreach services to the campus and local communities.”

So, this is the section where you get the chance for you to tell us more about…

…who you are as a chapter and how your group adds a unique dynamic to the broad spectrum of what SPS is all about.

…other ways (not discussed above) that your group forms a community of learners and finds meaning as students of physics

…ways that your group uses technology—websites, youtube videos, or other social media activities that your chapter might use.

…how your chapter meets unique needs of the students, department, or school – what fun thing do you do that you think others might find fun, too!

…the level, quality, support and development of student leadership in your chapter.

This section is left to the imagination of chapter members to express their SPS own unique brand of enthusiasm, passion and efforts in the way that the chapter fits in to the overall purpose and mission of the Society of Physics Students. Another part of this self-reflection should be the report of any efforts made to identify and improve those areas that may be lacking. Finally you should reflect on the overall health of the chapter.

• Please include photos or other visual aids to illustrate your text; cut/paste these into the document, with captions to explain the photos or images. Please include NUMBERS – how many attended, etc.
• Enter your report items as a narrative – bulleted narratives are recommended this text box will expand as needed to accommodate your entries.

- This year our SPS chapter grew immensely. There are members from every year, and varying majors.
- We are a dynamic group with a passion for physics
- We use technology, such as Facebook and a UVA webpage, to enrich our chapter
  ➔ We will continue to use these and make them more well-known to the group
  ➔ We hope to use this as a way to get more ideas from members and be more active
- Physics Major dinners are a great way for Physics professors and students to socialize, and these will continue
- Our SPS officers take responsibility and always ensure each meeting happens and goes smoothly
- We’d like our chapter to get stronger and be more active. The new officers of SPS and Sigma Pi Sigma will be working together to broaden the opportunities for its members. We hope to be able to help fund students to go to conferences, plan fundraising events, encourage more members to become National SPS Members and keep up with SPS news, and much more.
- Our chapter is getting larger and stronger and we have great expectations for the future!
Make sure that all photos are captioned with SPS member names when possible.

_Some physics students outside our University's symbol, the Rotunda._

David McLaughlin, Ahasanul Hoque, Brian Leong, John Woods, Amy Rodgers, Duc Trung, Ranjani Sarma, Poon Panichpibool
The following should be reported by all schools that have Sigma Pi Sigma Chapters

Sigma Pi Sigma Chapter Sigma Pi Sigma Activity Report

This section is for those chapters which also have an affiliated Sigma Pi Sigma Honor Society. In this section, tell us about any Sigma Pi Sigma inductions / receptions / dinners/ awards banquets that your chapter hosted, either at your school or collaboratively with another school—describe the program, how many people attended, guest speakers, tours, networking events …any interactions with other on campus or off campus honor societies, or any other special events …any other Sigma Pi Sigma activities – including applications for the Sigma Pi Sigma Service award

- Please include photos or other visual aids to illustrate your text; cut/paste these into the document, with captions to explain the photos or images.
- Enter your report items as a narrative – bulleted narratives are recommended this text box will expand as needed to accommodate your entries.
- We start with some basic questions:

<table>
<thead>
<tr>
<th>Did your chapter host a Sigma Pi Sigma Induction this year?</th>
<th>Yes√</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>If yes, how many new members were inducted?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Is the Sigma Pi Sigma Chapter active outside of the SPS Chapter activities described above? (if yes, please tell us the story below)</td>
<td>Yes√</td>
<td>No</td>
</tr>
<tr>
<td>Does your school or chapter offset the cost ($54) of Sigma Pi Sigma induction for eligible members?</td>
<td>Yes√</td>
<td>No</td>
</tr>
<tr>
<td>If Yes, who provides support, and how much?</td>
<td>Physics Department, $10-20</td>
<td></td>
</tr>
</tbody>
</table>

- Hosted a Sigma Pi Sigma induction
  - 13 members inducted
- We are active outside SPS
  - Organized an Undergraduate Physics Research Symposium
  - Run tutoring for introductory physics classes
  - Organized inductions
- We have some offset for the cost of inductions, $10-20 depending on funding
Make sure that all photos are captioned with SPS member names when possible.

No photos of this event

Please remember to save your final report as pdf with the file name “NameofMySchool-2013ChRep”

Please UPLOAD Completed Report by June 15, 2013

Submit report by uploading on the SPS CHAPTER REPORTS WIKI PAGE:
http://spschapterreports.pbworks.com/w/page/38237362/SPS-Chapter-Reports-Wiki

Your report will be stored in on the SPS Chapter Report Wiki, but PLEASE keep a record on your local hard drive!
If there are any questions, please contact the SPS National Office Staff
Tel: (301) 209-3007; Fax: (301) 209-0839; E-mail: sps@aip.org