Chapter Name: Charleston  
Region: SE  Constituency: Area/Indus/State&Fed Labs (MI)  
Chapter ID Number: 261  
Date Report Closed: 6/23/2014  

Statistics on 4/1/2014  
Number of active members: 122  
Number of inactive members: 362  
Number of initiates elected from July 1, 2013 June 30, 2014: 18  

Statistics on 4/1/2013  
Number of active members: 116  
Number of inactive members: 350  
Number of initiates elected from July 1, 2012 June 30, 2013: 20  

Good Standing status  
Officers on file: Yes  
Delegate to one of the last three annual meetings: Yes  
Last year’s chapter annual report on file: Yes  
One initiate over last two years: Yes  

Local Support Payments from Sigma Xi this year:  
1/31/2014 = $366.25  
9/30/2013 = $834.25  
6/28/2013 = $27.24  

Chapter Web site: None Found  

Chapter Listserv: chs-sci-net@listserv.sigmaxi.org  

Chapter Officer Requested New or Updated listserv:  

Chapter Officer Revitalization Contact with Staff:  

Grants and Funding Received from Sigma Xi:  

<table>
<thead>
<tr>
<th>Program</th>
<th>Amount Awarded</th>
<th>Date Awarded</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lectureships</td>
<td>$500.00</td>
<td>4/12/2003</td>
</tr>
<tr>
<td>Lectureships</td>
<td>$800.00</td>
<td>3/19/2004</td>
</tr>
<tr>
<td>Lectureships</td>
<td>$450.00</td>
<td>4/23/2005</td>
</tr>
<tr>
<td>Lectureships</td>
<td>$650.00</td>
<td>5/1/2006</td>
</tr>
</tbody>
</table>
Lectureships $1,100.00 4/21/2007
Lectureships $765.00 4/24/2008
Lectureships $500.00 9/22/2009
Lectureships $700.00 5/1/2010
Lectureships $800.00 6/2/2011
Lectureships $1,000.00 5/17/2012
Lectureships $1,100.00 5/1/2013
Lectureships $1,100.00 5/1/2014

Sigma Xi Awards Received:

<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
<th>Event Type</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>2005</td>
<td>Excellence</td>
<td>Award</td>
<td>Chapter of Excellence</td>
</tr>
<tr>
<td>2005</td>
<td>Program Award</td>
<td>Award</td>
<td>Darwin Week</td>
</tr>
<tr>
<td>2007</td>
<td>Program Award</td>
<td>Award</td>
<td>Chs-Sci-Net</td>
</tr>
<tr>
<td>2009</td>
<td>Excellence</td>
<td>Award</td>
<td>Chapter of Excellence</td>
</tr>
</tbody>
</table>

Chapter Address:
Charleston SC

Chapter Officers reported for FY2015 July 1, 2014 June 30, 2015

President: Term: FY2015
President ID: 876350027
Name: Dr. Garrett Milliken
Home Number: 843-953-5443
Business Number:
Fax Number: 843-953-7151
E-mail Address: millikeng@cofc.edu

Vice President: Term: FY2015
Vice President ID: 720190450
Name: Dr. George Tempel
Home Number: 803-795-7857
Business Number: 843-345-5249
Fax Number:
E-mail Address: tempelge@bellsouth.net

Secretary: Term: FY2015
Secretary ID: 972610011
Name: Mr. Tod Leighfield
Home Number:
Business Number:
Fax Number:
E-mail Address:
Treasurer: Term: FY2015
Treasurer ID: 992610007
Name: Dr. Mei-Qin Chen
Home Number: 843-577-9868
Business Number: 843-953-7896
Fax Number:
E-mail Address: chenm@citadel.edu

No Annual Meeting Delegate For Fiscal Year 2015 was identified.

Chapter Operations:

Identified new chapter leaders: Yes
Increased the number of members involved in/or attending chapter activities? Yes
Sent a student to the Sigma Xi Student Research Conference? No
Developed or maintained a chapter web site? Yes
Sent a newsletter or regular communication to members? Yes
Sent Electronic newsletter? Yes
Communicated with inactive members? Yes
Nominated new faculty or institutional leaders for Sigma Xi membership? Yes
Paid initiate fees for new members? Yes
Promoted Associate Members? Yes
Created new chapter program? Yes
Worked on revitalizing the chapter? No
Worked with another Sigma Xi Chapter? No

Past Fiscal Year Chapter Activities:

ActivityName: Darwin Week
Participation: 1000
Participants: Mostly non-members
Cost: 1000
ChapterFunds: Yes
InstitutionFunds: Yes
OtherInstitutionFund: Yes
SXLectureshipMoney: Yes
YearDone: > 10 years
Description: Darwin week in Charleston (February 8-13, 2014) included panel discussions, lectures, and other activities celebrating the birth of Charles Darwin on the theme of “What does it mean to be human?”. Our Chapter has been an annual sponsor of Darwin week since its local inception in 2000. This year added a new component called Piccolo Darwin Week targeted to elementary school through high school students and held as a component of Charleston STEM festival 2014. Websites: http://dillonr.people.cofc.edu/DarwinWeek.html and http://dillonr.people.cofc.edu/piccolo.html

ScienceEducPubUnderS: Yes
LecturesWorkshopProf: Yes
SXDisLect: Yes
HostedSiteVisits: Yes
actstatus: Complete

ActivityName: Distinguished Lecturer
Participation: 300
Participants: Mostly non-members
Cost: 900
SXLectureshipMoney: Yes
YearDone: > 10 years
Description: Distinguished lecturer Dr. Paul Simmons visited Charleston on March 17-18, 2014. He gave one talk at the College of Charleston and another at The Citadel, each included student interactions. His talks were titled "Neuroscience and the Spirit: Has Science Proven the Existence of God?" and "Intelligent Design: Is This the End of Evolution?"
ScienceEducPubUnderS: Yes
SXDisLect: Yes
actstatus: Complete

ActivityName: Field Trip
Participation: 15
Participants: All Sigma Xi members
YearDone: 6-10 years
Description: Our chapter sponsored a local trip of interest to Chapter members. Members completed a behind the scenes tour of the sea turtle rescue and rehabilitation facility which also included the veterinary facilities that support the South Carolina Aquarium. These facilities and staff provide the day-to-day guidance for the health and welfare of the aquarium’s animal collection and current patients of the Sea Turtle Rescue Program. This tour was led by staff veterinarian Shane Boylan.
website: http://www.scaquarium.org/strp/

LecturesWorkshopProf: Yes
actstatus: Complete

ActivityName: Citadel lunch seminar series
Participation: 400
Participants: Mostly non-members
YearDone: 6-10 years
Description: Our chapter has sponsored a weekly seminar series at The Citadel since 2007. This seminar was held 6 times throughout the school year and is attended by both students and faculty. A calendar of speakers can be found at <http://macs.citadel.edu/chenm/sigma_xi/Sigmaxi_Citadel.html>
LecturesWorkshopProf: Yes
HostLectBySXMem: Yes
actstatus: Complete
ActivityName: Marine Biology Grad Student Colloquium
Participation: 150
Participants: Mostly non-members
Cost: 200
ChapterFunds: Yes
IndividualDonors: Yes
YearDone: > 10 years
Description: Our chapter sponsored two awards for the best oral and poster presentations at the Marine Biology Graduate Student Colloquium (September 20-21, 2013). This colloquium is an opportunity for marine biology Master's students to share research results with the Fort Johnson campus community. We have hosted this award annually since 2004. Website: http://blogs.cofc.edu/gricemarinelab/2013/10/01/student-research-colloquium-2013/
PromotingResearch: Yes
GradResSymp: Yes
Recognition: Yes
AwardGradRes: Yes
actstatus: Complete

ActivityName: MUSC Student Research Day
Participation: 500
Participants: Some Sigma Xi members
Cost: 150
IndividualDonors: Yes
YearDone: 6-10 years
Description: Our chapter sponsored a graduate research award at the Medical University of South Carolina's Research Day held on November 7, 2013. Additionally, we promoted Sigma Xi during the associated vendor show. Our Chapter has sponsored this activity since 2006. Website: http://academicdepartments.musc.edu/grad/curr_students/research_day/
PromotingResearch: Yes
GradResSymp: Yes
Recognition: Yes
AwardGradRes: Yes
actstatus: Complete

ActivityName: SCAS Undergraduate Research Awards
Participation: 500
Participants: Some Sigma Xi members
Cost: 250
ChapterFunds: Yes
YearDone: > 10 years
**Description:** The Charleston chapter of Sigma Xi annual sponsors awards for undergraduate research presentations at the South Carolina Academy of Sciences annual meeting <www.scacadscience.org>. The meeting was held this year on April 5, 2014 at Trident Technical College. All winners are additionally recognized at our annual membership banquet.

**Recognition:** Yes  
**AwardUndergradRes:** Yes  
**actstatus:** Complete

**ActivityName:** Citadel Undergraduate Research Conference  
**Participation:** 100  
**Participants:** Mostly non-members  
**Cost:** 200  
**ChapterFunds:** Yes  
**InstitutionFunds:** Yes  
**YearDone:** 6-10 years  
**Description:** Two chapter awards were provided to undergraduates for excellence in scientific research at The Citadel's Undergraduate Research Conference held on March 14, 2014.  
**PromotingResearch:** Yes  
**UndergradResSymp:** Yes  
**Recognition:** Yes  
**AwardUndergradRes:** Yes  
**actstatus:** Complete

**ActivityName:** Education Outreach  
**Participation:** 200  
**Participants:** Mostly non-members  
**InstitutionFunds:** Yes  
**OtherInstitutionFund:** Yes  
**YearDone:** Please Choose  
**Description:** Our chapter cosponsors outreach and workshops events that have an emphasis in reaching K-12 science teachers and their students. Each year our Chapter Sigma Xi members plan and conduct multiple events in cooperation with the College of Charleston School of Science and Mathematics. Our Chapter participated in multiple events this year, including:

1) The annual "Mitchell Elementary Science Outreach" event at the College of Charleston was coordinated by Sigma Xi members and involved the Geology & Biology (January 9, 2014) and Physics & Chemistry Departments (January 10, 2014). Photos from each of the four sessions are posted on the Mitchell Elementary Facebook page (https://www.facebook.com/MitchellElementarySchool/posts/562760007134965)

2) Chapter members coordinated three morning workshops for science and physics teachers from a local school district on March 15, March 29, and April 12, 2014. These hands-on workshops allow teachers to earn professional development credits.

**ScienceEducPubUnderS:** Yes
ActivityName:  STEM Outreach  
Participation:  6000  
Participants:  Mostly non-members  
OtherInstitutionFund:  Yes  
YearDone:  1st year  
Description:  Led by The College of Charleston’s School of Science and Mathematics and the Lowcountry Hall of Science and Math, Chapter Sigma Xi members organized and participated in two significant outreach events in Charleston during the first half of 2014. These events were of broad interest to high school, middle, and elementary school students and their teachers. They were intended to foster dissemination of scientific knowledge to the general public.

1) The 2nd Annual STEM Education Day (February 27, 2014) at the College of Charleston gathered approximately 1500 4th-8th grade students and their teachers for a day of learning about STEM fields. http://blogs.cofc.edu/lowcountryhall/2014/02/13/lady-cougars-basketball-stem-education-day-february-27-2014/

2) The Riverdogs minor league baseball team hosted an Education Day on Wednesday, April 9, 2014. Nearly 6000 students attended this event and approximately 100 students at a time visiting a booth hosted by Sigma Xi Chapter members to experience STEM activities. http://today.cofc.edu/2014/04/08/college-teams-charleston-riverdogs-get-students-interested-stem-fields/  

ScienceEducPubUnderS:  Yes  
ResLocalSchools:  Yes  
ScienceGenPublic:  Yes  
actstatus:  Complete  

ActivityName:  Awards Banquet  
Participation:  70  
Participants:  Mostly Sigma Xi members  
Cost:  700  
ChapterFunds:  Yes  
InstitutionFunds:  Yes  
IndividualDonors:  Yes  
OtherInstitutionFund:  Yes  
RegFees:  Yes  
YearDone:  > 10 years
Description: The annual awards banquet held at The Citadel has been a long tradition for our chapter to honor award winners, induct new nominees, and have a speaker of wide interest to all Chapter members. The speaker this year was Dr. Paul Nolen who presented a seminar entitled "Applying Evolutionary Theory to Antarctic Conservation".
Recognition: Yes
LecturesWorkshopProf: Yes
HostLectBySXMem: Yes
actstatus: Complete