



## **Sigma Xi, The Scientific Research Society Chapter Annual Report Starting Fiscal Year 2015**

**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@listserver.sigmaxi.org](mailto:chs-sci-net@listserver.sigmaxi.org)

**Chapter Officer Requested New or Updated listserv:**

**Chapter Officer Revitalization Contact with Staff:**

### **Grants and Funding Received from Sigma Xi:**

<b>Program</b>	<b>Amount Awarded</b>	<b>Date Awarded</b>
Lectureships	\$500.00	4/12/2003
Lectureships	\$800.00	3/19/2004
Lectureships	\$450.00	4/23/2005
Lectureships	\$650.00	5/1/2006

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:**

<b>Year</b>	<b>Event</b>	<b>Event Type</b>	<b>Comment</b>
2005	Excellence	Award	Chapter of Excellence
2005	Program Award	Award	Darwin Week
2007	Program Award	Award	Chs-Sci-Net
2009	Excellence	Award	Chapter of Excellence

**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:** 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:** 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](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/](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](http://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

**MentorK12:** Yes  
**ResLocalSchools:** Yes  
**ScienceUnderrepresen:** Yes  
**actstatus:** Complete



**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/>  
<http://blogs.cofc.edu/lowcountryhall/2014/04/04/cofc-science-and-math-at-the-riverdogs-education-day-april-9-2014/>

**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

