



## **Sigma Xi, The Scientific Research Society Chapter Annual Report Starting Fiscal Year 2013**

**Chapter Name:** University of Cincinnati  
**Region:** NC      **Constituency:** Research/Doctoral Univ (RD)  
**Chapter ID Number:** 045  
**Date Report Closed:** 6/29/2012

### **Statistics on 4/2/2012**

Number of active members: 206  
Number of inactive members: 474  
Number of initiates elected from July 1, 2011 June 30, 2012: 35

### **Statistics on 4/1/2011**

Number of active members: 209  
Number of inactive members: 451  
Number of initiates elected from July 1, 2010 June 30, 2011: 11

### **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:**

6/29/2012 = \$134.82  
1/31/2012 = \$614.44  
9/30/2011 = \$2,505.51

**Chapter Web site:** <http://research.uc.edu/sigma/Home.aspx>

**Chapter Listserv:** [ch045@listserver.sigmaxi.org](mailto:ch045@listserver.sigmaxi.org)

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

**Chapter Officer Revitalization Contact with Staff:**

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

no records found

**Sigma Xi Awards Received:**

no records found

**Chapter Address:**

c/o Ken Tankersly  
Dept. of Anthropology  
University of Cincinnati  
Cincinnati OH 45221

**Chapter Officers reported for FY2013 July 1, 2012 June 30, 2013****President:** Term: FY2013

**President ID:** 920080526  
**Name:** Dr. Patrick Limbach  
**Home Number:**  
**Business Number:** 513-556-1871  
**Fax Number:** 513-556-9239  
**E-mail Address:** Pat.Limbach@uc.edu

**Vice President:** Term: FY2013

**Vice President ID:** 20100450005  
**Name:** Dr. Margaret Hanson Ph.D.  
**Home Number:** 513-931-5965  
**Business Number:** 513-556-0524  
**Fax Number:**  
**E-mail Address:** margaret.hanson@uc.edu

**Secretary:** Term: FY2013

**Secretary ID:** 820450233  
**Name:** Dr. Kenneth Tankersley  
**Home Number:**  
**Business Number:** 859-572-7546  
**Fax Number:**  
**E-mail Address:** tankerkh@uc.edu

**Treasurer:** Term: FY2013

**Treasurer ID:** 20100450003  
**Name:** Dr. Stephen Matter Ph.D.  
**Home Number:** 513-681-3449  
**Business Number:** 513-556-9768  
**Fax Number:**  
**E-mail Address:** mattersf@ucmail.uc.edu

**No Annual Meeting Delegate For Fiscal Year 2013 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? Yes  
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? Yes  
Worked with another Sigma Xi Chapter? Yes

### **Past Fiscal Year Chapter Activities:**

**ActivityName:** Young Investigator Award Lecture

**Participation:** 60

**Participants:** Mostly Sigma Xi members

**Cost:** 100

**ChapterFunds:** Yes

**InstitutionFunds:** Yes

**YearDone:** > 10 years

**Description:** Our chapter presents a yearly award to a promising young researcher. The following Autumn the winner presents a public lecture. Kevin Shockley, Associate Professor in the Department of Psychology, was our 2011 winner and gave his lecture in Autumn 2011. The University cost shared the lecture and we recruited student volunteers to help with preparation and execution of the event. Both the VP for Research and the Dean of the Graduate School attended the lecture.

**PromotingResearch:** Yes

**Recognition:** Yes

**AwardFacultyRes:** Yes



**ActivityName:** Young Investigator Award

**Participation:** 75

**Participants:** Mostly Sigma Xi members

**Cost:** 500

**ChapterFunds:** Yes

**InstitutionFunds:** Yes

**YearDone:** > 10 years

**Description:** We present an award to a promising young faculty member. This year's (2013) winner was Stephanie Rollman, Assistant Professor in Biological Sciences. She was announced as the winner at our Spring Mixer in April 2012 and will deliver her lecture just before our banquet in Autumn 2012.

**PromotingResearch:** Yes

**Recognition:** Yes

**AwardFacultyRes:** Yes



**ActivityName:** SW Ohio Science Teacher Award

**Participation:** 500

**Participants:** Mostly non-members

**Cost:** 500

**ChapterFunds:** Yes

**YearDone:** > 10 years

**Description:** We solicit applications and present an award (annually, beginning in 2011) to an outstanding science teacher in southwest Ohio. Part of the award goes to the awardee and the other part goes to their school's science department to be used for supplies, etc. Sigma Xi chose three winners this year (2012), including Veronica Dean from Mt. Healthy Jr/Sr High School, Elizabeth Briggs from Mariemont High School, and Alfred Rizzo from the Cincinnati School for Creative and Performing Arts. Dr. Vincent Nelson, Associate Dean of CECH and Sigma Xi officer, helped to co-fund the awards to leverage SX funds so as to support three teachers and their schools instead of one.

**PromotingResearch:** Yes

**ScienceEducPubUnderS:** Yes

**ResLocalSchools:** Yes

**Recognition:** Yes

**AwardK12Teaching:** Yes



**ActivityName:** New Inductees/Annual Sigma Xi Banquet

**Participation:** 45

**Participants:** All Sigma Xi members

**Cost:** 300

**ChapterFunds:** Yes

**InstitutionFunds:** Yes

**RegFees:** Yes

**YearDone:** > 10 years

**Description:** The annual banquet was held in October 2011, immediately following the Young Investigator Lecture. David Butler, President of the UC Chapter, inducted 12 of the 14 new members.

**PromotingResearch:** Yes

**Recognition:** Yes

**AwardFacultyRes:** Yes

**AwardGradRes:** Yes



**ActivityName:** Local Grant-in-Aid of Research Awards

**Participation:** 24

**Participants:** All Sigma Xi members

**Cost:** 9000

**ChapterFunds:** Yes

**InstitutionFunds:** Yes

**YearDone:** 2-3 years

**Description:** The UC Chapter for the second time offered Grants-In-Aid of Research (GIAR) awards of \$3,000 each to three UC graduate students whose research proposals were top rated by an independent selection committee. The recipients were: 1) Andrew Breidenbach in David Butler's lab. Andrew is part of a musculoskeletal biomedical engineering research group and is working on mechanically stimulating novel biomaterials for tissue engineering to improve tendon repair; 2) Abdul Sheikh in Daria Narmoneva's lab. Abudul is part of a vascular biomedical engineering team and is

developing peptide nanofibers for myocardial regeneration in diabetic cardiomyopathy; and 3) Amie Norton in Bill Connick's lab. Amie is part of a chemistry research group examining heterogeneity in the response of Pt/polymer hybrid films to aqueous perchlorate. UC SX provided \$1000 toward each award, the PI provided \$500 of cost sharing, and the VP's office provided \$1500 toward each award.

**PromotingResearch:** Yes

**GradResSymp:** Yes

**SupplInterRes:** Yes

**Recognition:** Yes

**AwardGradRes:** Yes



**ActivityName:** Southwest Ohio Science and Engineering Expo

**Participation:** 750

**Participants:** Mostly Sigma Xi members

**Cost:** 300

**ChapterFunds:** Yes

**YearDone:** 2-3 years

**Description:** The University of Cincinnati held its 8th annual Science & Engineering Expo on March 10, 2012. The expo pays tribute to those teachers who ensure that their students succeed in science and to students with a strong interest in science and engineering. Qualified teachers and area scientists were recruited to serve as volunteer judges and university and corporate sponsors provided funds to cover a wide array of awards in areas like biology, mathematics, computer science and engineering. Sponsored award judges were also selected by the companies or organizations sponsoring the awards. Sigma Xi provided funds for awards to three groups based on assessment by these judges. The UC SX officers plan to enroll their members to serve as judges in the 2013 competition.

**PromotingResearch:** Yes

**HSResSymp:** Yes

**ScienceEducPubUnderS:** Yes

**ResLocalSchools:** Yes

**Recognition:** Yes



**ActivityName:** Cincy Science Cafes

**Participation:** 300

**Participants:** Some Sigma Xi members

**YearDone:** 1st year

**Description:** The Cincy Science Cafe series, initiated by Colin Thornton, a science buff, and co-sponsored by the UC Sigma Xi Chapter has been gaining momentum since its inception in December 2010. Colin has led several science cafes this year, the most recent being on May 14, 2012 at a local restaurant where Judy Burris and Wayne Richards led a café based on their book, "The Secret of Lives of Backyard Bugs." In this case, prizes were awarded including a copy of their book, a family pass to the "International Butterfly Show" at Krohn Conservatory, and two DVD copies of Nova's "The Migration of Butterflies." These cafes have been wonderful opportunities for SX chapter members to interact with local individuals interested in discussing science. The UC SX chapter officers are also exploring the possibility of holding regular cafes on campus throughout the academic year.

**PromotingResearch:** Yes

**ScienceEducPubUnderS:** Yes  
**ScienceGenPublic:** Yes  
**PubPolicySciAdvoc:** Yes  
**DebatesLocalIssues:** Yes



**ActivityName:** UC Science Friday  
**Participation:** 15  
**Participants:** Mostly Sigma Xi members  
**YearDone:** 2-3 years

**Description:** Sigma Xi members and non-members have continued very informal get-togethers at the Catskeller campus pub on the last Friday of each month. The event is partly social and partly science. We have begun the sessions by briefly discussing the topic presented that afternoon on NPR's Science Friday. While these have only occurred several Fridays during the year, we hope to make this a regular monthly event in 2012/13.

**PromotingResearch:** Yes  
**LecturesWorkshopProf:** Yes



**ActivityName:** The UC Sigma Xi 2012 Sigma Xi Mixer  
**Participation:** 50  
**Participants:** Mostly Sigma Xi members  
**Cost:** 800  
**ChapterFunds:** Yes  
**YearDone:** 1st year

**Description:** UC Sigma Xi held their annual mixer on Friday, March 9th, 2012 to recognize winners of the 2012 UC Sigma Xi Awards (Student GIAR, Young Investigator, SW Ohio Teachers of the Year). In addition to full and associate UC Sigma Xi members, other regional colleagues from Miami University and the Cincinnati Federal/Environmental chapters of Sigma Xi attended as our guests. The mixer provided a relaxed, comfortable atmosphere for networking and socializing, and the chapter plans to modify future Sigma Xi chapter gatherings based on feedback gathered from this mixer.

**PromotingResearch:** Yes  
**ScienceEducPubUnderS:** Yes  
**ScienceGenPublic:** Yes  
**LecturesWorkshopProf:** Yes



**ActivityName:** STEM Tutor Network  
**Participation:** 15  
**Participants:** Some Sigma Xi members  
**YearDone:** 1st year

**Description:** We continue trying to recruit undergraduate and graduate students and faculty mentors to the STEM Tutor Network (Hughes STEM High School, Cincinnati Public Schools, K. Buckingham,

coordinator). This program will provide additional support for students recruited from the ranks of Sigma Xi members and their students.

**ScienceEducPubUnderS:** Yes

**MentorK12:** Yes

**ResLocalSchools:** Yes



**ActivityName:** Graduate Poster Forum

**Participation:** 400

**Participants:** Mostly non-members

**YearDone:** 1st year

**Description:** Sigma Xi continues to participate in the Graduate Poster Forum. SX also had a poster in the Great Hall where over 100 other posters were being displayed. Our poster was at the entrance to the room and chapter officers distributed materials to interested students and faculty.

**PromotingResearch:** Yes

**ScienceEducPubUnderS:** Yes

**LecturesWorkshopProf:** Yes

**PubPolicySciAdvoc:** Yes



**ActivityName:** Undergraduate Research Day

**Participation:** 400

**Participants:** Please Choose

**YearDone:** 1st year

**Description:** Sigma Xi had a table at the undergraduate conference held at UC on June 1, 2012. More than 400 UG students presented at that event. We met with interested students to describe the benefits of Sigma Xi membership in hopes of recruiting them to join. We also prepared ribbons to recognize those students who were conducting commendable research.

**PromotingResearch:** Yes

**ScienceEducPubUnderS:** Yes

**LecturesWorkshopProf:** Yes

**PubPolicySciAdvoc:** Yes

