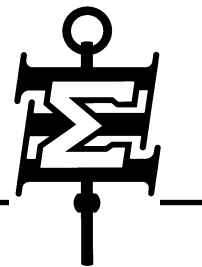


Sigma Xi, The Scientific Research Society

Eastern Illinois University Chapter
Charleston, Illinois 61920



March 2, 2011

Dear Colleagues,

I would like to extend an invitation to you to join Sigma Xi -- an honorary scientific research society whose mission is "to enhance the health of the research enterprise, foster integrity in science and engineering, and promote the public's understanding of science for the purpose of improving the human condition". This is a prestigious society with over 70,000 active members of which over 180 are Nobel Prize winners.

You can become a Sigma Xi member in one of three ways:

1. **Full Membership** is conferred upon any individual who has shown noteworthy achievement as an original investigator in a field of pure or applied science or engineering. This noteworthy achievement is evidenced by publication as a **first author on two articles** published in a refereed journal, *patents, written reports or a thesis or dissertation*.
2. **Associate Membership** is available to any individual who has, through initial research achievement in a field of pure or applied science, shown an aptitude for research. An individual who has conducted independent investigation and **written a report** concerning their research is eligible for election to Associate Membership. Nominators are attesting to the nominee's potential to be promoted to Full Membership in the future. Associate Membership is **offered to encourage young investigators with promise to continue careers in research**.
3. If you do not know any Sigma Xi members who can nominate you, you can still become a member of the Society. You may **contact the local chapter officers** (see below) for assistance in the review process."

Faculty membership is \$115 (\$95.00 for yearly dues and a one-time initiation fee of \$20.00) and graduate student membership is \$45 (\$25.00 for yearly dues and a one-time initiation fee of \$20.00). The nomination form and information about nomination are attached below. More information about Sigma Xi can be found at their website (www.sigmaxi.org) or at the College of Sciences' website (www.eiu.edu/~colsci). If you would like to join Sigma Xi, please send your nomination form by **Wednesday, March 23, 2011** to Dr. Steven Daniel, Department of Biological Sciences (581-7840; sldaniel@eiu.edu).

Sigma Xi members are eligible to apply for Sigma Xi research grants for their graduate and undergraduate students. The deadlines for submission of applications are **March 15** and **October 15** annually. Students from EIU who have been awarded these grants in the past include:

1. Keerthi Chandra (2011) *Perovskite Thin Films: Synthesis, Characterization and Surface Modification for Electrochemical Oxygen Reduction Reaction Catalysis*
2. Alexandra Baluka (2007) *Evaluation of the Oxalate-Consuming Activities of Probiotic Microorganisms*
3. Jin Ma (2005) *Molecular Analysis of Hepatic Gene Silencing*
4. Bethany Sue Bostrom (2004) *The Effectiveness of Artificial Riffles in Illinois Streams*
5. Matt Burmeister (2002) *Genetic diversity and seed source location when restoring tallgrass prairie plant communities*
6. Sarah Joyce (2000) *Differential Susceptibility to Fascioloides Infection in Lymnaeid Snails (Mollusca: Gastropoda) as a Possible Character in Phylogeny Reconstruction*
7. Michael Lehtinen (2000) *Reducing Kidney Stone Formation in Humans: Impact of Glycolate- and Glyoxylate-Consuming Gut Microbes*
8. Julie Mortimer (2000) *Use of genetic markers to evaluate pattern of dispersal of an exotic species in Illinois reservoirs*

Each spring, the EIU chapter of Sigma Xi hosts its annual Cajun banquet and lecture. This year the banquet, initiation of new members and lecture will be held on **Thursday, April 7, 2011**. We have invited Dr. Alissa Weaver from Vanderbilt University. She will be speaking on *In Silico Experiments Provide Insight into Cancer Progression Mechanisms*.

Save the date! We will be sending out additional information about the banquet in a couple of weeks.

Sincerely,

2010-2011 Officers of the EIU Chapter of Sigma Xi

President, Svetlana Mitrovski (Chemistry; smitrovski@eiu.edu)

Past-President, Barbara Carlsward (Biological Sciences; bscarlsward@eiu.edu)

Vice-President, Katie Johnson (Geology-Geography; kjohnson4@eiu.edu)

Treasurer, Brenda Wilson (Communication Disorders & Sciences; bmwilson@eiu.edu)

Secretary, Steven Daniel (Biological Sciences, sldaniel@eiu.edu)

NOMINATION FOR MEMBERSHIP

Sigma Xi, The Scientific Research Society ♦ P.O. Box 13975
 Research Triangle Park, NC 27709 ♦ 800-243-6534 ♦ 919-549-4691
 Fax: 919-549-0090 ♦ www.sigmaxi.org ♦ membership@sigmaxi.org

Membership in Sigma Xi is by nomination. This form may be completed by the nominator OR the nominee.

- Please see next page of this form for detailed information about member type and nomination requirements.
- Attach the Nominee's CV/ résumé OR provide the information requested on the next page.

① Nominee

Nominate for Full Membership Nominate for Associate Membership Promote to Full Membership

Preferred Prefix (check): Dr. Mr. Ms. Mrs.

Member ID#: _____

Name of Nominee (first, middle, last)

Birth Date (mm/dd/yyyy)

Employer Name

Location

City

Country

Employer Type (choose one) academic, industrial,
Governmental, health care, manufacturing, research, other

Business Address Department/Building/Box

Institution

Business Web Site

Street

Business Phone (include area code)

Cell Phone (include area code)

City

State

Zip

Country

E-Mail

Alternate E-Mail

Full Home Address

(Parent's address if student. Students please give address for next 15 months.)

Phone (include area code)

Cell Phone (include area code)

City

State

Zip

Country

Which address should be used for Sigma Xi mailings?

Business Home

Is the Nominee a Student? Yes No

Is the nominee a postdoc? Term from _____ to _____

Highest Degree (if a student, degree you are seeking)

PhD/DSc DDS/DMD DO DVM MD

other: _____

BA/BS MA/MS

Year obtained/expected: _____

Primary research field:

agriculture/soil sciences/natural resources

mathematics & computer sciences

biological sciences

engineering sciences

health sciences

physical and earth sciences

social sciences

other: _____

② Nominator

First Nominator (must be current Full Member of Sigma Xi)

Name of Nominator (first, middle, last)

Member # (if known)

Institution

Department

E-mail

Phone

Signature

③ Second Nominator

Information from a current Full Member acting as second nominator follows:

Steven L. Daniel

Name of Nominator (first, middle, last)

Member # (if known)

Eastern Illinois University

Biological Sciences

Institution

Department

sldaniel@eiu.edu

581-7840

E-mail

Phone

Signature

④ Affiliation

Request affiliation with the Eastern Illinois University (#823) Chapter.

NOMINATION FOR MEMBERSHIP

Type of Membership

Membership in Sigma Xi is by nomination and is conferred in one of two ways. While paraphrased here, the complete text of Article II, Section 3 of the Sigma Xi Constitution appears on the Sigma Xi Web site, www.sigmaxi.org/about/organization/constitution.shtml. Please indicate on the front of this form for which type of membership this nominee should be considered.

Full Membership is conferred upon any individual who has shown noteworthy achievement as an original investigator in a field of pure or applied science or engineering. The Committee on Qualifications and Membership generally requires at least two first-authored, refereed papers or patents, one of which can be a Ph.D. thesis. Life experience is also considered in some instances. Please note that some chapters have additional requirements for full membership. **For nomination to Full Membership, either attach a CV or résumé OR provide a separate attachment with the following information:**

- Education: Institution(s), date(s), degree(s)
- Professional Positions: Institution(s), date(s), position title(s)
- Publications: Titles, authors, dates, source(s) (journal name, thesis, etc.)

Associate Membership is available to any individual who has, through initial research achievement in a field of pure or applied science, shown an aptitude for research, as evidenced by independent investigation ordinarily resulting in a written report. Associate membership is offered to encourage young investigators with promise to continue careers in research. **For nomination to Associate Membership, attach a brief statement regarding the nominee's involvement in research and potential research aptitude.**

Promotion to Full Membership is conferred upon any individual who, previously elected as an Associate Member, now meets the requirements for Full Membership as stated above. **For promotion to Full Membership, either attach a CV or résumé OR provide a separate attachment with the information listed under Full Membership above.**

**If you would like to join Sigma Xi, please send
your nomination form by**

Wednesday, March 23, 2011

to

Dr. Steven Daniel

Department of Biological Sciences

(581-7840; sldaniel@eiu.edu)