



## **Sigma Xi: The Value of Membership**

Sigma Xi is an *international, multidisciplinary* community of science and engineering professionals dedicated to research excellence, to promoting public engagement with science, and to fostering the next generation of researchers. Through the recognition and honor of induction, Sigma Xi members join a distinguished community of researchers. The principal benefits of membership are:

- The pursuit of excellence along with equally passionate colleagues
- The chance to “*pay it forward*” to our profession through a career of
  - Active encouragement of, and participation in, research
  - Maintaining this community of excellence
- The ability to voice concerns and offer direction with informed evidence on critically important issues nationally and beyond, and
- The opportunity to “*pay back*” for your gratifying career through mentorship and support of our profession

Sigma Xi membership is a competitive advantage that helps one position for success. Sigma Xi offers members professional development training, leadership opportunities, and access to a myriad of necessary career development resources.

What We Do	How we Achieve Benefits for Members
Recognize Scientific Achievements	<ul style="list-style-type: none"> <li>• Honoring Scientific Contributions through Membership</li> <li>• Awards and Prizes</li> <li>• Grants-in-Aid of Research</li> <li>• Distinguished Lectureships</li> </ul>
Promote Public Understanding of Science (communication) and Impact on Policy	<ul style="list-style-type: none"> <li>• <i>American Scientist</i></li> <li>• Sigma Xi SmartBrief</li> <li>• Student Research Showcase</li> <li>• Science Cafés</li> <li>• Sigma Xi Speaks</li> <li>• <i>KeyedIn</i> Blog</li> <li>• ScienceDebate.org Coalition</li> </ul>
Provide Opportunities for Professional Development and Leadership	<ul style="list-style-type: none"> <li>• Opportunities to engage through leadership</li> <li>• Access to a diverse, multidisciplinary professional network</li> <li>• Opportunities to collaborate within and beyond your discipline</li> <li>• Opportunities for face-to-face interactions <ul style="list-style-type: none"> <li>○ Annual Meeting</li> <li>○ Student Research Conference</li> <li>○ Professional Research Symposia and Workshops</li> <li>○ Chapter Meetings</li> </ul> </li> <li>• Digital interactions with colleagues and mentors through online communities and social media</li> <li>• Access to job postings through Sigma Xi Career Center</li> </ul>
Promote Responsible Conduct of Research and Scientific Integrity	<ul style="list-style-type: none"> <li>• OpenStax “Eye on Ethics” feature boxes in textbooks</li> <li>• Ethics Publications</li> <li>• Ethics Forums</li> <li>• Authors without Borders</li> </ul>
Promote STEM Education	<ul style="list-style-type: none"> <li>• Publish pre-collegiate research: <i>Chronicle of The New Researcher</i></li> <li>• Opportunities for mentorship and fostering the rising scientific talents through judging or volunteering</li> <li>• Partnerships with STEM Education Organizations such as: <ul style="list-style-type: none"> <li>○ Conrad Foundation Partnership</li> <li>○ FIRST Robotics</li> <li>○ American Junior Academy of Sciences</li> <li>○ Intel ISEF</li> <li>○ USA Science and Engineering Festival</li> </ul> </li> </ul>
Partnerships with National Organizations	<ul style="list-style-type: none"> <li>• AAAS, AAU, APLU, CGS, National Academies</li> <li>• AAAS Science and Human Rights Coalition</li> <li>• UN-Sigma Xi Climate Change Report</li> </ul>
For Partners and Supporters	<ul style="list-style-type: none"> <li>• Access to the best and brightest scientific talent and potential employees in major disciplines</li> <li>• Access to local science communities through chapters</li> <li>• Network with top leaders in higher education and governmental organizations</li> </ul>