



Sustainable Nanotechnology Student Organization

Research | Education | Responsibility

Possible Activities of Sustainable Nanotechnology Student Organization (SNSO)

1. Promoting sustainable nanotechnology research and education

The student chapters will work on promoting sustainability concepts in nanotechnology research. The members will try to set examples through their own research and by promoting those who are practicing sustainable nanotechnology. The chapters will arrange lecturers, workshops, and informal interactions on sustainable nanotechnology. Field trips and film screenings will be organized. The students will work with faculty members for the introduction of courses (or lectures in existing courses) on sustainable nanotechnology at various academic levels.

2. Promoting sustainable nanotechnology among students, faculty and staff, and general public

The student chapters will work on promoting sustainable nanotechnology among various target groups. The chapters will arrange popular talks, workshops, and informal interactions on sustainable nanotechnology. Outreach activities will be organized. They will arrange “Shadow a Graduate Student in Research” events for K-12 and undergraduate students. The members will give media interviews on sustainable nanotechnology and write popular articles in local newspapers and online media. They will try to create and maintain on-line tools (blogs, website, Facebook).

3. Sustainable nanotechnology competitions

The chapters will organize competitions to promote sustainable nanotechnology research and education at various academic levels. The chapters will participate in local, region, national, and international science and engineering contests and showcase sustainable nanotechnology.

4. Attend SNO Annual Conference

The members of the chapters will try to attend the annual SNO conference to showcase their activities and achievements, and volunteer in the organization and smooth running of the conference.

5. Promote K-12 nanotechnology education

The chapters will organize special programs for K-12 students to attract them toward careers in nanotechnology education and research.

6. Organize annual ‘Sustainability in Nanotechnology Week’

The annual ‘Sustainability in Nanotechnology Week’ will be a SNO sponsored international program where the chapters will organize one or multiple programs during that week to promote sustainable nanotechnology. The SNO will make some prerecorded presentations and videos available for the chapters to use.

7. Participate in ‘Change the World with Nanotechnology’ Contest

Student chapters will promote and participate in this contest. This will be an international contest organized by SNO coinciding with its annual conference. The students will participate in this contest as teams. Specific open ended problem(s) will be assigned each year by SNO and students will work on the problem(s) over a define period of time (say 4-6 months). Each team will submit a report prior to the annual meeting, and make a presentation and demonstrate their work during the annual SNO conference. They will be judged based on the criteria spelt out for each

year's contest. The best two or three teams will be awarded with plaques and free annual memberships or similar (To Be Decided). Examples of Problem/Issues: (1) Design a point-of-use treatment using nanotechnology to remove fluoride from drinking water, (2) Develop a lesson plan to promote nanotechnology in the seventh grade by incorporating lessons aligned with what they are expected to learn in the seventh grade.