



ACS
Chemistry for Life[®]



Local Section Senior Chemists Group & Activity Starter Kit

American Chemical Society
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“Senior Chemists Committee” and Activity Starter Kit

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ACS and the Senior Chemists Committee (formerly known as the Silver Circle)

The American Chemical Society (ACS) is a nonprofit educational and scientific organization chartered by Congress. The Society is a self-governed individual membership organization of more than 158,000 members. ACS offers opportunities for peer interaction, participation in governance through committees, divisions and local sections, professional development, and a chance to be involved in any number of the 32 technical divisions. Many professionals in chemistry and the chemical sciences become involved in the ACS as student affiliates during college or join just after, and many have been members for more than 50 years.

The term “Silver Circle” was coined in 2003 by ACS Past-President Eli Pearce to represent the valuable riches that are present in the growing group of ACS members (senior chemists) who have reached a certain age and level of expertise—they may or may not be retired. It was also the name used for the task force that originally worked on concerns and activities regarding engagement for this distinguished age group of chemists. In January 2013, an official ACS Senior Chemists Committee was formed and consists of 16 members and seven associate members. The Committee serves two constituencies within the ACS: (1) seniors who are still active either as full time or part time employees and consultants, or those who wish to stay closely connected to the ACS and its spectrum of activities; and (2) younger members and students who have questions about a chemistry-based career or who have started careers and are looking for guidance in how to progress.

In 2016, the Committee revised its strategic direction which included a new Vision and Mission.

SCC VISION

Improving lives using the knowledge and experience of senior chemists

SCC MISSION

Address and support the needs and ambitions of senior chemists and to utilize their experience and knowledge

A revised listing of strategic goals was established as well which included increasing the number of Local Section senior chemists committees. The Senior Chemists Committee, a very active group of ACS members, participates in ACS offerings, leads efforts for promoting the start of senior chemists committees and activities within Local Sections, and collaborates with other ACS groups in offering knowledge-sharing opportunities for younger chemists. To enhance communications and establish a clear identity for the committee, members agreed to retire the “silver circle” branding and adhere to the Society’s branding for all ACS National Committees.

The Role of the “Senior Chemists Committee”

Senior chemists committees can be created in any ACS Local Section with a focus on creating opportunities, representing the needs of, and offering programming and services for senior chemists in a particular geographical area. Each senior chemists committee will certainly have its own culture, but the role within the section is to bring people together to share in some way a mutual passion for chemistry and the chemical sciences. Depending on the section’s demographics, the senior chemists could be the main outreach arm of a local section. In a section with a large population of younger chemists, senior chemists may choose to meet in partnership with the Local Section Younger Chemists Committee and establish mentoring relationships.

Success Stories from Local Section Senior Chemists Committees

For some senior chemists committees, the group is led by one member alone, or by co-chairs. In others there may be more officers. In the Rochester Local Section, there has been a group of at least 10 members that use the phone-tree method to invite members to lunch meetings. They call again about one week before the meeting to remind everyone using the same method, which has proven to be successful for them.

Established senior chemists committees like the group in Rochester report program topics of technical and more general-interest.

The Delaware ChemVets <http://www.delawareacs.org/chemvets> meet at lunchtime about eight times per year. They are also very active in the public outreach of the section. For example, they participate in the National Chemistry Week (NCW) activities and the Chemistry Olympiad.



The Minnesota Section gives an award each spring to a senior chemist based on nominations solicited from the membership. The award for service to the Society is presented at a dinner event where spouses are also invited to attend. Fifty-year members are recognized during this event as well.

The Southern Arizona Section's most successful event was a social event that was attended by younger chemists and Senior Chemists members in about equal numbers. This allowed for informal mentoring to occur during the event.

The senior members of the Western New York Section helped to document the 100-year history of their section in preparation for their anniversary. Members wrote histories of the industries significant to the section in which they were employed.

A list of sections reporting senior chemists committees or senior chemists' activities can be found in their most recent Annual Reports. Please send an email to seniorchemists@acs.org to request this information.

Program Ideas for Local Section Senior Chemists Committees

Programming is essential for any senior chemists committee that wants to have staying power. Members will change over the course of time; some have more time during certain seasons; some are less likely to come out when there are weather/climate constraints (e.g., snow); others will only be interested in certain types of programs; but they are all looking for something—for many, it is fellowship and a sense that their presence has made a difference.

Senior chemists committees often have lunchtime meetings with speakers on technical and non-technical topics. This can reach some members, but the same program every time will not reach as many members as a varied offering of programming possibilities would. There may even be some new faces that appear!



GIVE THESE IDEAS A TRY!

- Career forums where Senior Chemists members interact with younger chemists to give insights that come only after a number of years in a particular field or industry.
- Industry tours led for Senior Chemists members through a laboratory that has recently installed a new piece of equipment or that is doing research on an area of particular interest. Tours for section members led by a group of Senior Chemists members who have been in a particular industry for many years and who can share the history and a snapshot of the individuals involved in a particular field, as well as talk about the physical equipment in the building.
- National Chemistry Week (NCW) or Chemists Celebrate Earth Day (CCED) hands-on activities where Senior Chemists members team up with a section or an area NCW or CCED coordinator. They can assist with planning the outreach activities—calling possible venues; purchasing and organizing supplies; training the rest of the section's volunteers; promoting the event; helping with the event; writing the thank you letters; etc.
- Planning and organizing the section's Chemistry Olympiad. The retired Senior Chemists members can go to the schools during the day and mentor the students.
- Partnering with a local elementary school and offering to provide a "Chemists in the Classroom" event with teams of Senior Chemists members who enjoy the enthusiasm of that age group taking turns visiting the science classes. The group of members that does this outreach could have their own series of meetings where they plan the topics that will be covered and team up to prepare their topics.

- Social events at local bakeries/breweries/wineries/coffee houses/chocolate factories accompanied by talks on the chemistry of the particular food or beverage.
 - Participate as a group in a softball tournament, fun run/walk, or a bicycling event.
 - Depending on the geographic location—have a section member lead a hike in the early fall of the year and discuss the various xanthophylls, carotene, and anthocyanin pigments in the changing leaves as well as the chemistry of the rocks in your particular part of the country; take samples of the water and test basic properties like pH, hardness and nitrate/phosphate levels. This could evolve into a stream study in a particular area with several trips a year to monitor changes.
 - Have a “chemistry of cooking” potluck dinner. Everyone brings a dish and explains some aspect of the chemistry involved in making their dish! There is so much chemistry in cooking—from the denaturing of protein to alcoholic fermentation and simple dehydration. A fun event that encourages creativity and prompts lively discussions!
 - Participate as a group/team in a volunteer activity sponsored by another organization. Paint a house with “Habitat for Humanity.” When a reporter comes by, use the opportunity to talk about the advances in chemistry that have brought us more durable and longer lasting paints. Volunteer to cook/prepare a meal once a month at a local hospital’s hospitality house for families whose children are sick and in the hospital. If a Senior Chemists member struggles with diabetes or cancer, join together to participate in a local event with a focus on that particular cause.
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10 STEPS TO A SUCCESSFUL EVENT

- 1. Know Your Population**
 - People are not likely to attend an event that does not interest them.
 - One way to find out what does interest them is to ask them either formally or informally.
- 2. Find an Advocate**
 - The program coordinator should oversee a project or projects.
 - They should engage a group of people to plan the program.
- 3. Create a Committee**
 - The committee will believe in the program if they participate in the planning.
 - Shared responsibilities through division of tasks give individual members accountability and increased commitment level.
- 4. Plan Ahead**
 - Start well before the event will occur.
 - Compare data from any similar previous events and let that shape your plans. For example, if a weekday evening event was not well attended, perhaps a Saturday afternoon event should be considered.

- Confirm date and location.
5. **Budget Accordingly**
 - Determine budget; evaluate need for fundraising or sponsorship and proceed as necessary.
 - Record planned and actual expenses for future reference.
 6. **Promote, Promote, and Promote!**
 - Consider your audience and how to best reach them.
 - Create any necessary advertisements (flyers, banners, promotional newsletter text).
 - Make phone calls as needed to spread the word to members
 - Send invitations through the mail and/or electronically.
 - Make use of community newsletters, bulletin boards, free local paper or weekly paper advertising, and perhaps the Chamber of Commerce.
 - Invite the venue to promote the event through their usual channels.
 - Ask members to talk up the event in their circles of acquaintance.
 - Look for partners and co-sponsors.
 7. **BE ENGAGING – Set the Mark for Your Next Event-**
 - No one should go home wondering why no one spoke with them. Recruit a greeter for every event so that everyone feels welcomed.
 - Laughter is good for many things. Spreading good will is one of them.
 - When the audience participates in some way in the program, they are much more likely to remember something about it.
 - Wear nametags. It will make it easier on everyone, especially newcomers.
 - Solicit feedback to help shape future programs.
 8. **Have a Variety of Offerings – Keep them Interested**
 - There is no way to please everyone, but by offering several sorts of opportunities in a few different formats/times of day the chances of pleasing more people are increased.
 - People are more likely to sit through a program of medium interest to them if they know that they will be engaged in it and that there are other programs in which they have higher interest being offered in the future.
 9. **Express Appreciation**
 - “Thank you” is a powerful combination of words. It is too often left unsaid.
 - People like to know that their contribution has been acknowledged. They like to feel appreciated.
 - Taking the time to say thank you can make the difference for some volunteers in whether they return or not.
 10. **Encourage New Leadership**
 - No one wants to lead forever. Be on the look out for shining stars.
 - Cultivate your next group of leaders by giving them small projects with definite beginnings and endings at first. Increase the amount of responsibility in small steps and choose projects where the person has an interest.

FUNDING IDEAS \$\$\$

- Request that the local section budget for Senior Chemists programming. Provide a concrete plan for how the money will be used.
- Host a fundraiser. There are many types of fundraisers that the group can have to raise money. Some younger chemists groups have been known to staff concession stands at sporting events. A silent auction can also raise a fair amount of money.
- Local industry can be a source of funding for any project of the Senior Chemists, especially the outreach projects which are more likely to garner media coverage and offer publicity benefit to the ACS. Learn a bit about the missions and goals of the companies in your area. Some are interested in the future of the industry and want to be sure that high school students have an interest in chemistry. This sort of company would be much more interested in supporting a Chemistry Olympiad than they would a fun run.
- The ACS also has money for various types of programming. The Local Section Activities Committee offers Local Section Innovative Projects Grants for funding events that would be new to particular sections. The Younger Chemists Committee gives grants as well, so partnering with your younger chemists could be advantageous for this reason as well.
- Apply for the ACS Senior Chemists Committee Mini-Grant for Local Sections. This program offers a limited number of grants to Local Sections that wish to sponsor an event or activity that will increase the engagement of senior members and encourage innovative activities that will benefit the local community, schools, or legislative government. To date, many of the Local Sections that have received a mini-grant have already started senior chemists committees or have hosted wonderful events. An announcement of the program is usually made in March each year.

Regional Meeting Program Involvement

Regional meetings can be outstanding opportunities to showcase the research and accomplishments of a Senior Chemists member. They are generally more easily accessible than national meetings and are lower in cost. Divisions, companies, and regional meeting program chairs may be willing to help build a symposium around a particular field of research that reflects where a Senior Chemists member has made significant contributions. The symposium could also be of an historical nature, and feature the scientist along with a special event such as a dinner or luncheon held in the person's honor.

There can be symposia created to highlight issues of concern to Senior Chemists members. Topics like health care and computer use and estate planning are possibilities.

CONTACT INFORMATION for the ACS Senior Chemists Committee

If you have questions or would like to share your ideas with the ACS Senior Chemists Committee, please send email seniorchemists@acs.org and someone from the Committee will respond to assist you. The ACS Staff Contact for Senior Chemists' issues and concerns is Semora Johns Smith, Lead Program Manager of Innovation & Collaboration within the ACS Office of the Secretary and General Counsel. You may contact her at 800-227-5558, ext. 4427 or by email at s_smith@acs.org.

For more information on the opportunities listed below, send an email to seniorchemists@acs.org and request/inquiry will be directed to the appropriate ACS unit:

- Serve as a Student Affiliates Chapter Advisor
- Serve as a resource for local news reporters seeking scientific information.
- Serve as a resource for and provide reliable information to local legislators.
- Become a member of the Legislative Action Network and contact federal legislators.
- Serve as mentor or coordinator of ACS Educational Outreach and Local Section programs:
 - National Chemistry Week
 - Kids & Chemistry
 - Chemists Celebrate Earth Day
 - Chemistry Olympiad
 - Chemists in the Library
 - Project SEED
 - ACS Science Coaches
 - AACT – American Association of Chemistry Teachers
 - Undergraduate Programs and Mentoring

Additional Programs, Associations, Resources, and Ideas

Opportunities to GET INVOLVED through ACS and other organizations:

- Go to elementary schools and give presentations and demonstration shows using materials from www.acs.org/kids
- Establish a section-run mentor program for middle and high school students.
- Team up with high school chemistry club members during ACS outreach events.
- Become an ACS Career Consultant.
- Serve on a national ACS committee or task force.
- Support an ACS Division (www.acs.org/membership and scroll to Technical Divisions)
- Register as a speaker in the [ACS Online Speaker Directory](#).
- Review materials as service to an office or publication like *ChemMatters* or *Chemistry*.
- Contact a local Big Brothers Big Sisters organization at <http://www.bigbrothersbigsisters.org> to share chemistry with children.
- Team up with local after school programs.
- Visit <http://www.mentoring.org> to find local mentoring opportunities by zip code.
- Visit <http://www.aarp.org> to find local community service opportunities by zip code.
- National Senior Service Corps <https://www.nationalservice.gov/programs/senior-corps/get-involved> - a national network of projects to match older volunteers with opportunities in their communities.

Data and Facts on Volunteerism and Aging:

- Experience Corps <http://www.experiencecorps.org> has an interesting fact sheet on aging in America.
- Newspaper for the non-profit world <http://www.philanthropy.com>.
- Electronic journal for volunteerism <http://www.e-volunteerism.com>.