

Industrial Associates Program

Princeton University's Department of Chemistry seeks to develop meaningful, mutually rewarding interactions with industrial research organizations in the Princeton area. To fulfill that goal, we established an Industrial Associates Program (IAP) that entitles members to participate in a variety of departmental activities. In particular, it is designed to facilitate collaborations between Chemistry faculty and employees of member companies, including academic activities such as courses and seminars, as well as research interactions.

IAP members have access to the following:

1. Evening classes. Every semester the department offers one or two regular graduate courses or special non-credit workshops in the evening to encourage industrial participation. IAP member organizations are guaranteed places for a reasonable number of participants. For those desiring academic credit, special arrangements with the University can be made; a course-only Masters Degree program is also offered.

Recent evening courses have included the following topics:

- Methods for Complex Organic Synthesis
- Solid State Chemistry
- Biophysical Chemistry
- Chemistry and Physics of Nanomaterials
- Metals in Biology
- Spectroscopy of Biological Molecules
- Organometallic Chemistry
- Advanced Inorganic Chemistry
- Synthetic Organic Chemistry
- Mechanistic and Physical Organic Chemistry
- Chemical Biology
- Advanced Topics in Structural Biology
- Inorganic Chemistry of Life

Please contact Graduate Administrator Meredith LaSalle-Tarantin (ml28@princeton.edu) if you wish to enroll in a course-only Masters Degree program in chemistry. It requires admission to the Graduate School, and takes advantage of the evening courses to satisfy some of the course requirements.

2. Faculty consulting. The faculty has endorsed the concept of one day's consulting per faculty member annually at the invitation of IAP members. Most faculty members expect to participate in this part of the program, except in cases where they are prevented from doing so by prior consulting

agreements. Arrangements can be made up to three years in advance, via the director of the program, who can provide advice on alternative experts in the area of interest. More extended consulting arrangements can, of course, be made directly between Associates and individual faculty members.

3. Ongoing research programs, seminars and departmental activities.

- IAP members will receive, upon request, abstracts of papers from the department accepted for publication; full papers are also available upon request.
- IAP members will receive, upon request, CVs of our graduate students and postdoctoral research associates seeking industrial employment.
- Poster sessions, presented by faculty, research personnel, and graduate students, will occasionally be given in the department to which IAP members will be invited to attend.
- IAP members will receive notice of departmental seminars, colloquia, and special events.
- IAP members will receive invitations to attend chemistry-sponsored major symposia, mini-courses and workshops without charge; representatives will also be invited to dinners and receptions associated with these events, and other special departmental functions.

4. Collaborative research and scholarship programs.

- The Department of Chemistry offers IAP members access to our instrumentation facility. The department's acquisition of state-of-the-art NMR, mass spec and other instruments has made it possible for us to expand collaborative research opportunities with our industrial partners. A current rate sheet will be provided upon request.
- Industrial organizations participating in the IAP may arrange for a scientist to apply to the department as a visitor. These appointments would enable those individuals to spend up to one semester at the University, with research staff privileges, to conduct research and to attend seminars. Visiting Scientists must be sponsored by a member of the Chemistry faculty.

5. Princeton University Library Borrower's Cards. A Borrower's Card may be issued to provide both access and borrowing privileges for a non-refundable fee (part of the IAP membership fee). The bearer of a borrower's card is not eligible for certain library services such as borrowing reserve books, using interlibrary loan, or using electronic information resources to which access is limited, by licensing agreement, to members of the Princeton University community. Please contact the department should you wish to receive a Borrower's Card.

Annual membership typically starts January 1 of each year. The regular annual fee for membership participation in the program is \$25,000 (a lower fee may be established for small, start-up firms, determined by the director). A partial year membership may be prorated followed by full membership starting January 1 of the following year.

Director: Professor Martin Semmelhack
Department Manager: Janet Gruschow