

Chemical Education International

Material, Life, and Environment

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Chemical Education International is a online newsletter published by IUPAC's Committee on Chemistry Education (CCE). Updated regularly, the newsletter is intended for chemistry teachers, professors, and those interested in chemical education.

The newsletter covers:

- reports on activities of CCE and its members, such as projects
- news and reports of events held or supported by IUPAC and related organizations, such as ICCE, CHEMRAWN, etc.
- news and reports on chemical education in member countries of international interest, which are written or communicated by a CCE member
- general articles on chemical education written or recommended by a CCE member as meeting international interest of readers, such as "Interview with Nobel Laureate," facts and figures, opinions, and essays

Recent CEI Articles

An Interview with Nobel Laureate Jean-Marie Lehn

Y. Takeuchi and M. M. Ito

Chemistry Education International, Vol. 4, AN-1, (2003)

For the benefit of those who aspire to a career in chemistry, each issue of *CEI* contains a short interview with a Nobel Laureate in chemistry. The intended readership of these interviews are senior high school students who are at a point in their life where they must make decisions about their future careers, or first year university students in science and technology who must begin to specialize in a chosen field of study.

This interview with Prof J. M. Lehn, conducted by Prof. Y. Takeuchi and Prof. M. M. Ito, was carried out at the Rihga Royal Hotel in Tokyo on 19 March 2003.



Prof. J. M. Lehn (left) being interviewed by Prof. Y. Takeuchi.



www.iupac.org/publications/cei/vol4/0401x0an1.html

CEI Articles Continued

Chemistry is (Almost) Everywhere and in Everything

Arnon Shani

Chemistry Education International, Vol. 4, AN-2 (2003)

Students in high schools seem to lack some of the basic information that enables them to decide what to study in their last two to three years, in particular when dealing with chemistry. Moreover, when they consider further studies at a university, they do not understand the differences between related subjects. They also lack information regarding future employment possibilities and the marketplace.

For many years the author met with students and discussed chemistry as a profession. In this article the author summarizes these talks in a question-and-answer format. The article considers the following questions:

- What are the subjects studied at college that are related to chemistry?
- What are the main topics in chemistry taught at the university level?
- What are the major research fields in chemistry?
- What are the differences between chemistry and closely related subjects, such as chemical engineering, material engineering, pharmacological studies, medicine, and biomedical engineering?
- What is the role of chemistry in other subjects?
- What types of occupations are there for chemists after college, and what level of study is recommended for better employment?



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