

BCCE Abstract for Oral Presentation
in symposium entitled: Research in Chemical Education.

What has happened to a student who now is called a Ph.D. chemist?

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Research Faculty's View of Undergraduate Researchers In developing a program for first and second year students in undergraduate research we have identified factors affecting the inclusion of this group by research advisors. We have investigated what research directors believe is possible for these relatively inexperienced students in the research lab. A questionnaire was prepared and taken to the faculty in the chemistry department and chemistry related departments at a "Research 1" university. The semi-scripted interviews were recorded. While detailing their experience with undergraduates the faculty members were questioned concerning what they believed is necessary for a younger student to have an optimal experience and for the PI and the PI's group to achieve a maximum benefit. A careful review of the responses facilitated our proposal of a program, which will place interested and motivated first and second year students into research groups and follow their professional and personal development through the remainder of their undergraduate research careers. The results from our questionnaire will be presented. How the results dictated the design of our program will also be discussed.