

Report of Discussion group 3 - "Way and Means of Meeting the New A.C.S. Minimum Standards,

Chairman: Joseph D. Griffith, Grinnell College

Resource ~~Person~~: Lawrence Strong, Earlham College

Recorder: Robert B. Meyer, Morehead College

The meeting opened with a general discussion of the new minimum standards and some of their implications. ~~of the~~ ~~the whole of~~ ~~felt that~~ ~~the requirements met the needs of the profession and many of the requirements presented no ~~problem~~~~ In order to better define areas of discussion the group reamed the requirements as printed in the pamphlet "Minimum Standards Used As Criteria in Evaluating Undergraduate Professional Education in Chemistry," and marked items for discussion. The questions ~~not~~ formulated in these discussions were then ~~directed~~ ~~sent~~ to Dr. Haennich, who ~~replied~~ ~~that~~ ~~he~~ ~~felt~~ as a member of The Committee on Professional Training of the A.C.S.

The questions and responses are summarized below. A reference to the requirement in question is given in each case.

1. p. 3, # 5 contact hours and p. 4, # 7 undergraduate assistants.

Concern was ~~expressed~~ ~~in~~ ~~the~~ ~~feeling~~ of the Committee toward the use of undergraduate laboratory assistants. ~~was~~ ~~asked~~. ~~if~~ ~~they~~ ~~were~~ ~~used~~ ~~how~~ ~~the~~ ~~faculty~~ ~~contact~~ ~~time~~ ~~should~~ ~~be~~ ~~calculated?~~ ~~Dr.~~

Haennich felt ~~that~~ the committee encouraged the use of undergraduate assistants in the laboratory courses. He indicated the faculty contact time should be computed on the basis of actual time spent. ~~if~~

2. p. 5 # 4 Analytical and # 6 Biochemistry

in Inorganic, Analytical, and Biochemistry

Since in many schools ~~the~~ courses are taken by pre-medical ^{students} and biology majors who have not had physical chemistry, the question was raised if all students could be specialized in the same course with different areas given to the chemistry major and non-chemistry majors. Dr. Wainick felt the committee would not approve a procedure but might favor a course where the chemistry major ~~got~~ received additional lectures as well as a separate examination.

3. p. 6 # 7. minimum hours.

In view of the different academic calendars used in liberal arts colleges the problem of the equating of course hours to a 15 week semester was raised. Dr. Wainick felt the committee was ~~not~~ more interested in an evaluation of the overall program rather than an evaluation of course hours.

4. p. 4 # 3. German.

Dr. Wainick felt the committee would not approve a department if another language was substituted for German. He also pointed out that the committee wants to see evidence of the use of German in chemistry, not just as a required language requirement.

5. p. 3 # 2. four man staff.

On the question of the enforcement of a minimum four man staff Dr. Wainick felt this would depend on the staff loads and fields. If the school offers a limited freshman program

a three man staff might be acceptable.