

SUMMARY OF DISCUSSIONS BY THE GROUP ON
WHAT TO DO FOR THE SUPERIOR STUDENT

AN ATTEMPT SHOULD BE MADE TO ATTRACT GOOD STUDENTS IN COLLEGE TOWARD A CAREER IN CHEMISTRY AS EARLY AS THEIR FRESHMAN YEAR.

METHODS SUGGESTED FOR THE EARLY IDENTIFICATION OF THE SUPERIOR STUDENT WERE:

- 1) PLACEMENT EXAMINATIONS AND GUIDANCE PROGRAMS
- 2) RELIABLE RECOMMENDATIONS FROM THE HIGH SCHOOL SCIENCE STAFFS

A NUMBER OF METHODS DESIGNED TO HOLD THE INTEREST OF THE GIFTED STUDENT WERE DISCUSSED:

- 1) HONORS SECTIONS
- 2) SPECIFIC LECTURES AND LABORATORY SECTIONS FOR THE BETTER STUDENTS
- 3) SPECIAL TOPICS OF INTEREST TO THE GIFTED STUDENT HIMSELF
- 4) EXTRA BOOKS, MATERIALS, LECTURES, LIBRARY FACILITIES
- 5) SPECIAL LABORATORY FOR THE SUPERIOR SECTION DURING THE SECOND SEMESTER WITH CAREFULLY PLANNED EXPERIMENTS
- 6) EVENING SESSIONS FOR MORE ADVANCED DISCUSSIONS
- 7) SPECIAL LABORATORIES, DESKS, BOOKS, ETC. EXCLUSIVELY FOR CHEMISTRY MAJORS
- 8) ANY METHOD IN TEACHING WHICH WILL BREAK UP ANY TENDENCY TOWARD MONOTONY IN THE LECTURE ROOMS OR LABORATORY.

IT WAS ADMITTED THAT SOME OF THE SUGGESTED METHODS ARE OF QUESTIONABLE ~~USE~~^{VALUE} IN THE SMALL LIBERAL ARTS COLLEGE.

THE QUESTION WAS RAISED "HOW CAN WE INTEREST THE HIGH SCHOOL STUDENT IN CHEMISTRY?". THIS QUESTION WAS CONSIDERED RELEVANT TO THE PROBLEM OF OBTAINING MORE SUPERIOR STUDENTS IN THE COLLEGES.

THE FOLLOWING METHODS WERE SUGGESTED AND DISCUSSED:

- 1) PROGRAMS AND INSTITUTES FOR THE TENTH AND ELEVENTH GRADERS TO CATCH THEIR INTEREST AND IMAGINATION
- 2) -SCIENCE AND MATHEMATICS DAYS- AT THE COLLEGES FOR HIGH SCHOOL TEACHERS AND STUDENTS
- 3) SPECIAL EXHIBITS
- 4) SPECIAL SEMINARS AND LECTURES

THE DIFFICULTY IN SELECTING THE SUPERIOR HIGH SCHOOL STUDENT FOR SUCH PROGRAMS WAS DISCUSSED AND THE FOLLOWING METHODS WERE SUGGESTED:

- 1) RECOMMENDATIONS FROM THE HIGH SCHOOL TEACHERS
- 2) ADVANCED PLACEMENT BY EXAMINATION
- 3) PROFICIENCY EXAMINATIONS

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