

1971

Chemistry Graduates

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for use with the MINIGERATORS. The manual is titled *MINIGERATOR Experiments In Nucleonics*. A second manual, *Biology - MINIGERATOR Experiments In Nucleonics* is now available. The latest Biology manual contains such experiments as:

- (1) Operating Characteristics of a Geiger-Muller Tube.
- (2) Half-life of a Radioisotope.
- (3) Inverse Square Law.
- (4) Absorption of Radiation.
- (5) Diffusion.
- (6) Autoradiography.
- (7) Translocation.
- (8) Absorption by Plants.
- (9) Absorption by Animals.
- (10) Tracing.

- (11) Distribution of Radioactivity in Mice.
- (12) Lung Scanning.
- (13) Liver Scanning.

All experiments have an accompanying teacher's guide with sample data and typical results.

The MINIGERATOR and accompanying laboratory manuals are specifically designed for use by high school students. Certain selected exercises should prove interesting and valuable additions to the present biology, chemistry and physics curricula. The use of many of the exercises in *advanced* courses in those areas would seem even more applicable.

Chemistry Graduates

The 1970 class of graduating chemists received the smallest increase in starting salaries in eighteen years, according to an American Chemical Society survey reported in the current issue of *Chemical and Engineering News*. The salaries reported averaged only 1.6 per cent higher than last year, said David A. H. Roethel who compiled the information.

Inexperienced bachelor graduates

received median monthly salaries of \$740, up 1.4 per cent over 1969. M.S. chemists' salaries were 0.6 per cent higher at \$840. Ph.D.s reported 1970 starting salaries of \$1,225, up 2.1 per cent.

Chemical engineering graduates did somewhat better. Bachelors' starting salaries of \$900 per month were up 5.3 per cent over 1969. Master's, at \$1,000, gained 3.6 per cent, while Ph.D.s reported a new high of \$1,340, up 5.1 per cent over last year.

Seen Any Orange-Tailed Bald Eagles?

A Canadian group that's running a study of bald eagles for about three years has color-marked the tails of sixteen nestling eagles near Lac Tonge, Saskatchewan—painted the tails orange, both top and bottom—and asks for reports on any such birds sighted in the United States during the winter. They would most likely

be seen along the Mississippi or Missouri Rivers, but might show up elsewhere, which, of course, is what the study wants to find out.

This study group has been supported by the Canadian Wildlife Service and other groups. Sightings should be reported to D.W.A. Whitfield, 415 10th St. E., Saskatoon, Sask., Canada.