

The Puget Sound Chemist

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NO, we have not ceased publishing. There have been no injunctions, indictments, restraints or, strangely enough, threats. Simply our March meeting was early in the month and the reverse is true of -

THE APRIL MEETING

Those who were not a part of the audience of 200 at the March meeting should certainly not miss the coming one which brings another speaker addressing us on a fundamental phase of chemistry. On Friday, April 26, Prof. FARRINGTON DANIELS, University of Wisconsin physical chemist, will speak on "The Prediction of Reaction Rates" with some comments on Photosynthesis. Prof. Daniels is the author of a leading treatise on Chemical Kinetics and has worked in this field for several years.

The address will be at 8:00 p.m. in Room 131, Bagley Hall. There will be a dinner for Dr. Daniels and Society members and wives and friends at 6:30 in Room 200, Bagley Hall. And here is NEWS!! Our new caterer promises hot food at 6:30 for the amazing price of 60¢. But reservations, please, by Thursday.

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New members in the Section include Mrs. Annette Bocker who maintains a downtown clinical laboratory; Herbert R. Erickson, affiliation unknown and Julian Berch, University of Washington graduate student.

Dr. H. M. Haendler has been appointed instructor in chemistry for the coming year at the University.

MARCH MEETING

On March 11 we were privileged to hear a masterly presentation of a complicated topic. Dr. I.M. Koltzoff, University of Minnesota analytical chemist told how precipitates age. In his address, the speaker pointed out means of studying surfaces and aging of crystals. It was shown that the addition of certain dyes used to measure surfaces prevents further aging, - a method which has been tried without success in the case of humans. The classical Ostwald ripening, - the dissolution of small particles and growth of larger particles is of subordinate significance and that aging is mainly a result of rapid recrystallization of the imperfect particles of the precipitate. Details were given concerning the aging of lead sulfate, barium sulfate and the silver halides, studied by ingenious radioactive methods in certain cases. Over 200 attended the lecture and about 35 were at dinner. Dr. and Mrs. Lind journeyed over from Ellensburg. Wm. Martin was here from Aberdeen again and Arthur Ehret brought four students all the way from Centralia.

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Three years ago an eastern section of the ACS celebrated its 25th anniversary by having a national meeting. Without great fanfare it is interesting to note that the Puget Sound Section has already passed its 30th year. The coming meeting will be the 209th in its records. Let us not, due to our

relative great age revert to a patriarchal, armchair inactivity; but instead retain some of the pep and vigor of a progressive young man of 30. A later issue will carry a brief history of the PSS.

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LABORATORIES AND PERSONALITIES

It seems fitting to give a brief account of the important Seattle Chemical organizations associated with the name of I. F. Laucks. This month Laucks Laboratories Inc. announced the addition of a diffraction grating spectrograph to its routine analytical equipment. Few people realize the size and scope of the one-time analytical laboratory now expanded to a large manufacturing firm.

The original laboratory was established in 1908 as a consulting and analytical organization. Later certain manufacturing operations were started and expanded until in 1926 separate affiliated companies - Laucks Laboratories Inc. and I.F. Laucks Inc. were formed. The former firm continues to operate in its original capacity maintaining offices in Seattle and Vancouver, Lockport, N.Y., Portsmouth, Va., and Stockholm, Sweden{?}. These plants engage in the manufacture of soybean and casein glues, synthetic resin glues, resin sealers, resin-bound pigmented paints, prefabricated houses, and machinery for the manufacture of plywood. The two Seattle firms have a total of

about 123 employees of whom about 40 are chemists and chemical engineers.

The addition of the diffraction grating spectrograph will make it possible to determine about 70 of the possible 92 elements in samples submitted. This will be of great assistance in the fields of metallurgy and in mining; for instance, samples of ore may be examined for traces of rare or common metals where each determination, by older methods would have been very laborious if not impossible. This expansion is characteristic of the vision and progress which has marked the activities of the Laucks organizations.

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The American Association for the Advancement of Science will hold its National Summer meeting on the University of Washington Campus June 17 - 22. Papers in Chemistry will be given on Wednesday and Thursday June 19 and 20. Titles of papers must be in the hands of the local program chairman, Dr. H. V. Tartar, University of Washington, by May 1.
