

U. O. Chemist's Article On Gelatin Published In Scientific Journal

Hailed as a distinct contribution to the field of knowledge on life tissues, a study entitled "Emulsifying Properties of Gelatin Systems," by Dr. Leo Friedman, assistant professor of chemistry at the University of Oregon, and Donald M. Evans, graduate assistant in the Journal of the American Chemical Society, Publications in this journal are only accepted from scientists of note and to have an article accepted stamps it as authoritative and as a real contribution in the field of research.

The article details another step in the general problem that Dr. Friedman has been working on for six years, that of the construction of life tissue. To date he has been working on "cells" or the substance known as gelatin or jelly. This latest paper, the fourth he has prepared on this subject, deals with the emulsifying, or "sticking together" qualities of gelatin, and as the work progresses, practical application of discoveries may result which will have definite commercial value, it is said.

Gelatin as an emulsifying agency is already in use in a limited way, in foodstuffs such as ice cream. It is entirely possible that a new process may be worked out that will make it possible to mix substances of oil and of water and that edible preparations now impossible may be manufactured with the use of an agency that will bind different elements together, it is pointed out.

All living plant and animal systems are made up of "cells" or gelatin substance, Dr. Friedman says, and the present studies are being carried on with the hope of throwing more light on related biological processes and problems. In order to carry on the research work it has been found necessary to duplicate the life tissues by use of proteins, and in order to further simplify the study, Dr. Friedman is now at work on non-aqueous processes, or a process by which the study can be made with a substance that has had water removed.

A report on his work made last spring before the national meeting of the American Association for the Advancement of Science in Pasadena by Dr. Friedman attracted wide attention, and his articles in the American Chemistry Society Journal have attracted letters and commendations from scientists from all over the world.

Dr. Friedman, although one of the youngest research chemists in the United States, is already recognized for one of the most important recent discoveries in biology in which he actually measured the diameter of the size of pores in gels. He found that these are but $\frac{1}{1000000}$ of an inch in diameter, or eight hundred-millionths to 48 hundred-millionths of an inch if one were to pronounce the figure. This discovery is recognized and credited to Dr. Friedman in the latest issue of the "Treatise on Physical Chemistry" by Taylor, the standard authority on the subject.

BORN
CROW—At the Eugene hospital, Friday, Aug. 21, 1931, to Mr. and Mrs. W. B. Crow, Wendling, a son.

ASK DIVORCE
Martha J. Holcomb versus Charles C. Holcomb, charging desertion, March 28, 1931.

FARMS IN LANE ARE VISITED ON TOUR

From 40 to 60 persons attended the meetings at different farms in Lane county on the annual turkey tour Thursday, sponsored by the Northwest Turkey Breeders' association. O. S. Fletcher, Lane county agricultural agent, was on the tour through Lane county and continued on to Friday, the itinerary including number of farms in Linn, Marion and Polk counties.

The farms in Lane county visited Thursday were those of Charles Dear near Cottage Grove; L. A. Wright, four miles south of Eugene and W. F. Johnson, four miles north of Junction City. At the last named place

members of the Noraton Four B Bourbon Red club exhibited a number of their birds and gave a demonstration in selection for breeding. The demonstration team, consisting of Bertin Gray and Edna Adams, was trained by Mrs. Johnson. Other members of the club are Marian Robinson, Albert Forcht, Elmer Gray, Eldon Johnson and Vernon Johnson.

The first stop on the tour Friday was at the Willard Herman place six miles north of Cottage Grove and from that place several farms in the vicinity of Harrisburg were visited. J. C. Leedy, county agent of Douglas, accompanied Mr. Fletcher on the tour through Douglas and Lane counties Thursday.

ADVISORS ACCEPT
WASHINGTON, Aug. 21.—(AP)—President Hoover announced today that 55 of the 60 men and women he asked to serve as advisors to Walter S. Gifford, in handling unemployment relief, had agreed to do so.

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