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Professor Dr. Tsunenobu Shigematsu
Emeritus Professor Tsunenobu Shigematsu

Having completed 33 years of service at Kyoto University, Dr. Tsunenobu Shigematsu retired on the first of April in 1980. He was granted the title of emeritus professor by the University on the following day.

Dr. Shigematsu was born Ehime on December 28, 1916. He graduated from Kyoto University with his major in chemistry in March, 1940. After he returned to the University with the end of World War II, he joined the Faculty of Science and started his study on analytical chemistry and marine chemistry under the supervision of the late Professor Masayoshi Ishibashi. He was appointed a sub-assistant in March, 1947, and an assistant in June, 1949. In June, 1950, he joined the Faculty of Technology and was appointed a lecturer. He was promoted to assistant professor of the Faculty of Science in March, 1952. During these years, he was concerned with studies on analytical chemistry of trace elements in the hydrosphere. He found that when the log ratio of the concentration of the elements in the earth crust and in the sea was plotted as a function of their ionic potential, most of them fitted a peaked curve. He received a doctor of science degree from Kyoto University for his study on oceanochemistry in 1952.

Dr. Shigematsu was appointed a full professor at the Institute for Chemical Research of the University in April, 1957, and directed the Laboratory of Radiochemistry. In the following years he made his studies on the partition behavior of trace elements between two phases and their application to analytical chemistry, radiochemistry and marine chemistry. He was awarded prizes from the Japan Society for Analytical Chemistry in 1965 and from the Society of Sea Water Science, Japan in 1973 for his works.

Dr. Shigematsu gave lectures on radiochemistry and marine chemistry at the Graduate School of Science since 1942, and supervised the dissertation works of many graduate students. He was a visiting lecturer at many universities. He served as Director of the Institute and as a member of the University Council. He served as vice-Director of the Japan Society for Analytical Chemistry and of the Society of Sea Water Science, Japan, and contributed greatly toward various meetings and international congresses.

Because of his sincere, thoughtful and warm personality, Dr. Shigematsu wins the respect of all who come in contact with him.

This collection of papers by his colleagues, former and present associates, and students is dedicated to Dr. Shigematsu in honor of his retirement.

March, 1980

Megumi Tashiro
Director
Institute for Chemical Research
Kyoto University
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