

Curriculum Vitae

Margaret Frances Knoepfel Smagorinsky
Born: 12/23/1915, Brooklyn, New York
Married 5/29/48; 5 children, ages 13 - 21

Education:

- June 1935, A. B., Brooklyn College
Major: Mathematics; Minor: Education
- 1946 - 1947, College of Engineering, New York University
Graduate curriculum in meteorology: Physics of the Atmosphere, Dynamic Meteorology, Oceanography, Meteorological Statistics
- 1967 - 1968, University of Virginia
Applied Mathematics, Astronomy
- 1971 - 1972, Mercer County Community College
Chemistry

Experience:

- 1936 - 1940 Taught Mathematics, Windham Central School, Windham, New York
- 1941 - 1951 Statistician, U. S. Weather Bureau, Washington, D.C.
Research and Verification Section, G. Brier, Chief
1. Supervised staff of 10 - 14 statistical clerks engaged in verification of official long range weather forecasts. Interviewed and hired candidates for statistical clerk positions. Prepared training manual used by clerks learning to compute correlation and regression coefficients, Student's t, chi-square, and other statistics used in verification of forecasts and evaluation of forecasters' skills.
 2. With Personnel Division and Extended Forecasting Section prepared tests designed to select most promising applicants for training in techniques of long range weather prediction.
 3. Estimated relative merits of different long-range forecasting methods by means of objective evaluation of forecasts.
 4. Visited contract facilities in Boston and New York to evaluate quality of statistical work being done for the Weather Bureau.