

Miss Dudley

Named 1974

GILMANTON — Beatrice Dudley, 21, daughter of Mr. and Mrs. Dean Dudley Jr., a Keene State College student, is spending the summer and fall semester of her senior year as a nuclear physics research fellow at Argonne (Ill.) National Laboratory.

She is one of 42 college students chosen from among 300 candidates throughout the nation to join the undergraduate research participation program.

The first Keene State student selected for such a program, Miss Dudley will work with nuclear physicist, David Shaftman, in the Argonne Laboratory's applied physics division.

Her project will center on the development and testing of a neutron diffusion synthesis code, involving both physics and computer mathematics. Miss Dudley, an honors scholar at Keene State, is working toward her bachelor of science degree in mathematics and physics. Her Argonne research experience will help prepare her for graduate school study in the field of applied physics.

The Argonne Laboratory, operated by the University of Chicago, is one of the major research facilities of the U.S. Atomic Energy Commission.