

SECTION V

THESIS TITLES

(July 1974-June 1976)

V. THESIS TITLES
(July 1974-June 1976)

1. Ph.D. Degrees

Department of Physics

- Chung, Wilton Empirical Renormalization of Shell-Model Hamiltonians and Magnetic Dipole Moments of sd-Shell Nuclei.
- Doering, Robert R. Isobaric Analog State Transitions in (p,n) Reactions on ^{48}Ca , ^{90}Zr , ^{120}Sn , and ^{208}Pb at 25, 35, and 45 MeV.
- Morgan, Clare B. States in ^{116}Sb from ^{116}Te Decay and $^{116}\text{Sn}(p,n)^{116}\text{Sb}$.
- Mueller, Dennis Coulomb Displacement Energies of $1f_{7/2}$ Shell Mirror Nuclei.
- Show, David L. A Study of the (p,d) Reaction on the Germanium Isotopes
- Steele, William A Survey of the (^3He , ^7Be) Reaction at 70 MeV.

2. M.S. Degrees

Department of Physics

- Kneisel, Lawrence The Design and Construction of an On-Line Conversion Electron Spectrometer.
- White, H.B., Jr. Cyclotron Ion Starting Times in The Second Harmonic Accelerator Mode.

Department of Chemistry

- Jeltema, Brian Gamma Ray Spectroscopy of Excited States in ^{177}Hf and ^{182}W .