

# Gregory J. Pawloski

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## EMPLOYMENT

Assistant Professor	University of Minnesota, Minneapolis	August 2011
Research Associate	Stanford University	2007 – 2011

## EDUCATION

Ph.D. Physics	Rice University	2007
M.S. Physics	Rice University	2003
B.S. Physics	Wichita State University	2001
B.S. Mathematics	Wichita State University	2001

## RESEARCH EXPERIENCE

### MINOS (2007 – Current)

- Co-convener of the  $\nu_\mu \rightarrow \nu_e$  appearance working group which seeks to measure the value of  $\theta_{13}$ .
- Co-run-coordinator for the experiment. Responsibilities included managing the detector operations and coordinating with accelerator operations.
- On-call electronics expert for the Near Detector.
- Contributor to the detector calibration working group.

### NOvA (2007 – Current)

- Contributor to the DAQ software.
- Contributor to the detector calibration effort.
- Contributor to the detector design. Studied the effect of various steel-plane configurations for the muon catcher component of the NOvA near detector.
- Contributor to the  $\nu_\mu$  and  $\bar{\nu}_\mu$  disappearance analysis studies.

### DØ (2004 – 2007)

- Contributor to the diboson working group. Analyzed the  $W\gamma$  production process.
- Contributor to the photon identification group.
- Contributor to the Run IIb calorimeter trigger software upgrade.

### CMS (2002 – 2003)

- Contributor to the development of the endcap cathode strip chamber trigger electronics.
- Contributor to the structured-beam tests of the cathode strip chamber system.