NISH National Scholar Award for Workplace Innovation & Design

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Title

TITLE OF PAPER
RFID tag-based Laundry Sorting System

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Ms. Bogdan and Dr. Erlandson have been in communications since last summer. Dr. Erlandson has toured JVS facilities and visited several job sites. Ms. Bogdan has visited the Enabling Technologies Laboratory. They have discussed laundry operations and what might be necessary to support such operations. Ms. Bogdan will be visiting the Cooke School site to see the system’s operation.

Ms. Johnson has viewed the video from Cooke School and had the following observations. The MVWA laundry operation is a high volume, heavily automated operation. The Cooke system would not serve these high volume needs. However, wash a garment called “barrier gown.” These garments can only be washed 75 times. Currently, after drying, these items have to be manually marked so as to record every washing. The current RFID tag system can be easily modified to address this particular data recording need.

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Dr. Cooke, colleagues and students from Cooke School provided direct collaboration for this project.