

## **1.0 Generation and Characterization of Magnetized Bunched Electron Beam from a DC High Voltage Photogun**

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Principal Investigators: Riad Suleiman and Matt Poelker

### **Project Status**

\*\*\*Provide a summary of scientific or technical progress and accomplishments over the last two quarters.\*\*\*

### **Project Plan**

\*\*\*Provide a brief explanation of what you will be doing for the remainder of the year. If there is a project re-plan provide an explanation for the re-plan focusing on changes from the proposal, future milestones, and anticipated results.\*\*\*

### **Budget**

Budget: The LDRD staff will provide a graph of budget progress after you submit your report. It will become an appendix to your report, and be on a separate page

Note: Absent a complex project re-plan, the project Status and Plan material should sum to of order one page.

## **Publications**

*List publications during the past two quarters in standard format. Example:*

S. Yang and T. J. Ma, *Nonclassical Phase Space Jumps and Optimal Spawning*, Advances in the Theory of Atomic and Molecular Systems, Eds. P. Piecuch, J. Maruani, G. Delgado-Barrio and S. Wilson (New York, Springer, 2009)

## **Workshops/Conferences**

*List Workshop participation over the past two quarters in standard format. Example:*

Y. Cai, *Beam Dynamics in Ultralow Emittance Storage Rings*, Accelerator Physics of Future Light Sources, Workshop, Sponsored by DOE, Basic Energy Sciences, Washington DC, September 15-17, 2009.