

# Evan MacQuarrie



**Graduate Institution:** Cornell University

**Graduate Discipline:** Condensed Matter Physics

**Hometown:** Nashville, TN

**Relevant SC Research:** Basic Energy Sciences

## **Research Interest:**

Recently, I have been interested in quantum optics, specifically in quantum control as achieved in nitrogen-vacancy centers in diamond. As a member of Professor Greg Fuchs' spin dynamics research group, I have been working towards developing NV centers as a tool for precision metrology.

## **About Me:**

I am currently a second year PhD student in the Cornell University Physics Department. When my graduate career comes to a close, I hope to continue in academia by pursuing a post-doc and eventually a professorship.

I graduated Summa Cum Laude from Vanderbilt University where I majored in

Physics and Mathematics. While there, I studied the interactions between localized surface plasmons and phase changing oxides in the lab of Professor Richard Haglund, Jr.

Outside of physics, I enjoy a good Borges story, the older My Morning Jacket albums, and watching/playing hockey.



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