

## **Cover Letter**

Patrick Michael Brown

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Dear Selection Committee,

I am currently a graduate student at the Air Force Institute of Technology studying Applied Nuclear Physics. My current research is with the Naval Research Laboratory in the field of Plasma and Nuclear Physics on the Gamble II experiment. I am also currently working as a TA under Dr. John McClory for the NWEPP program, specifically NENG 500 (Nuclear Proliferation Policy). I recently graduated from the University of New Mexico Summa Cum Laude with a B.S. in Astrophysics and a minor in mathematics. While I was at UNM I was involved in research in the fields of Cosmology and Particle Physics. I also worked at the AFRL on Laser Defense research and at the Starfire Optical Range on Adaptive Optics.

I am very interested in continuing my work as a TA for the NWEPP program at AFIT. I have learned a great deal in the short time I have been working with Dr. McClory on NENG 500. It has been a very insightful experience grading the papers written by current Air Force and Army officers on the subject of Nuclear Proliferation; and having the opportunity to read their different opinions has taught me a great deal. Having read many essays written about subjects varying from the history of the Soviet Union's development of atomic weaponry to the role morality should play in atomic warfare has exposed me to new thoughts and ideas that I have previously never been exposed too, and has given me a unique window into the varying opinions embodied by the officers on the United States Air Force and Army.

Working as a TA for the NWEPP program has been a very enjoyable and insightful experience. Dr. McClory has been an amazing mentor who has helped to make this such a great experience; and I am very interested in continuing my work as a TA for the NWEPP program for the foreseeable future. Thank you for your consideration.

Sincerely,

Patrick Brown

**I am a citizen of the United States of America**

### **Professional References**

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