



Andrew Christopher Kobach

Graduate Institution: Northwestern University

Graduate Discipline: Particle physics

Hometown: Milwaukee, WI

Relevant SC Research: High Energy Physics

Research Interest:

The field of high-energy particle physics is strongly split between experimentalists and theorists, and I sit somewhere in the middle. While this is very unusual, I have been lucky to have advisors who support this pursuit of a broad scope of fundamental science. Recently, I published a large analysis with Prof. Heidi Schellman looking for anomalous Z -gamma couplings at the DZero experiment. On the theory side, my work with Prof. André de Gouvêa has surrounded attempting to answer phenomenological questions concerning kinematic variables for collider experiments and neutrino physics. Recently, I joined the search for the Higgs boson at DZero in the Z +gamma final state using the full dataset.

About Me:

I am entering my fourth year of graduate school, and while my waking hours are dominated by research, I try my hardest to balance academic work with other activities I enjoy.

I spend a significant amount of my time studying classical piano with a professor at Northwestern University, focusing mostly on pieces by Austro-German composers like Beethoven and Schubert (occasionally having recitals). I read constantly, often trying to learn and be entertained by things outside of physics.

Given an ideal world, I would love to pursue a career in academia. While research is important, so is teaching, and I view it as our obligation to teach the next generation how to think.

Also, I was fortunate to be selected to participate in the 62nd Meeting of the Nobel Laureates and Students in Lindau, Germany in July 2012.



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