Erin Carmody
Information for Young Set Theory Workshop

As a student of Set Theory, I have been reading and doing exercises from Jech's *Set Theory* and Joel Hamkins' *Forcing and Large Cardinals*. While I do not yet have a research project, I have worked on a couple of detailed exercises. For one project I presented on the topic of Hausdorff Gaps as presented in Jech. Specifically, I presented the proof outlined in Theorem 29.7 - There exists an (ω_1, ω_1)-gap in ω^ω. Also, before the conference I will have presented on the construction of an $\aleph_2$-Aronszajn tree (which requires the assumption $2^{\aleph_0} = \aleph_1$). I am eager to continue to learn Set Theory, specifically forcing (which is the focus of my independent study this semester), and hope that this conference will give me a clearer picture of forcing and expose me to current areas of research in Set Theory.