

Assigned Projects for Spring 2015

1. **Yuan Hui Wu**, “Experimental Observation of Suppression of Coherent-Synchrotron Radiation–Induced Beam-Energy Spread with Shielding Plates”
2. **Stacy Karthas**, “Generation of trains of electron microbunches with adjustable sub picosecond spacing”
3. **Nicole Cronin**, “Seeding of Self-Modulation Instability of a Long Electron Bunch in a Plasma”
4. **Omer Rahman**, “The high current high polarization DC electron gun for eRHIC”
5. **Nermeen Khalil**, “High-quality electron beams from a helical inverse free-electron laser accelerator”
6. **Elizabeth Berrigan**, “Resonant excitation of coherent Cerenkov radiation in dielectric lined waveguides”
7. **Irina Petrushina**, “Subpicosecond Bunch Train Production for a Tunable mJ Level THz Source”
8. **Jack Logan**, “Simple method for generating adjustable trains of picosecond electron bunches”