

Class/Presentation Schedule

| | Dates | Monday 15:10 - 16:00 Lecture/Presentation | | Due Dates |
|----|-------------|--|--|--|
| 1 | 1/28- 2/1 | Introduction to course goals Overview of guided experiments | | 2/1 Proposal for Presentation & Draft Proposal for Independent project |
| 2 | 2/4 - 2/8 | Presentation requirements and tips Experimental project assignments | | 2/8 Presentation topic finalized. |
| 3 | 2/11 - 2/15 | Tips for the detailed proposal Safety | | 2/15 Detailed Proposal for independent project |
| 4 | 2/18 - 2/22 | Student Name #1 Kristen Vaccaro #2 Robin Bjorkquist | Presentation Topic Molecular Beam Epitaxy Photomultipliers | |
| 5 | 2/25 - 2/29 | #3 Ryan Loney #4 Dusty Stokes | Scanning Electron Microscope Electromagnetically Induced Transparency | |
| 6 | 3/3 - 3/7 | #5 Caitlin Whalen #6 Matthew Jemielita | Scanning Tunneling Microscope Magneto-optical traps | 3/7 (11AM) Report 1 due |
| 7 | 3/10 - 3/14 | #7 Steven Case #8 Nava Suryawan | Spontaneous Parametric Down Conversion Polarization Interferometer | |
| 8 | 3/17 - 3/21 | Spring break | | |
| 9 | 3/24 - 3/28 | #9 Dan Eichelsdörfer #10 Edward Griffith | Ion Lasers Optical Elements | |
| 10 | 3/31 - 4/4 | #11 Tom Chartrand #12 Jess Finlay | Spontaneous Parametric Down Conversion Vibrational Isolation | |
| 11 | 4/7 - 4/11 | #13 T. C. Proctor #14 Kevin Lynagh | Fast Fourier Transform Circular dichroism spectroscopy | 4/11 (11AM) Report 2 due |
| 12 | 4/14 - 4/18 | #15 Maria Cuellar #16 Tucker Gilman | Two Photon Excitation Microscope Imaging with Telescope and CCD | |
| 13 | 4/21 - 4/25 | #17 Rachel Fordyce #18 Cody Myers | Atomic Force Microscope Diode Lasers | |
| 14 | 4/28 - 5/2 | TBA | | 5/2 (11AM) Report 3 due |