

Astronomy 214**Lecture Schedule****Winter 2009**Monday

January

12 JP - DM History

16 [ML King Day]

26 AD - Nonlinear Collapse

February

2 AD - DM Halos

9 AD - Angular Momentum

16 [Presidents Day]

23 AD - Dwarf Galaxies

March

2 Dutton - Disk Galaxy Dynamics

9 Bertone - IGM

16 Student Seminars

Wednesday

7 Klypin - Bars

14 Krumholz - Molecular Clouds

21 AD - Fluctuation Growth

28 AD - Hierarchical Structure Formation

4 AD - DM Substructure

11 JP - Semi-Analytic Modeling

18 AD - Galaxy Bimodality

25 Romanowsky - Early Type Galaxy Dynamics

4 Mathews - What Stops Cooling Flows?

11 JP - Summary of Course, Student Seminars

18 Student Seminars? 12:15-3 pm (exam week)

Lecturers: JP = Joel Primack, AD = Avishai Dekel

Guest Lecturers: Serena Bertone, Aaron Dutton, Anatoly Klypin (New Mexico State University), Mark Krumholz, William Mathews, Aaron Romanowsky