19TH ANNUAL MATHEMATICS/APPLIED MATHEMATICS RECRUITMENT WORKSHOP
Current Ideas in the Mathematical Sciences

SEMINAR SCHEDULE

March 7-8, 2005
All Events will be held in the Math Building, Room 401N

Monday, March 7

8:45 a.m.	Welcome Address Michael Tabor, Head, Program in Applied Mathematics Douglas Ulmer, Associate Head for the Graduate Program, Department of Mathematics
9:00 – 9:25 a.m.	William McCallum, Faculty, Department of Mathematics "*Fundamental Groups in Topology, Arithmetic, Tucson and Albuquerque"*
9:30 – 9:55 a.m.	Sheree LeVarge, Graduate Student, Program in Applied Mathematics *"Investigating Discrete Time Competition Models"*
10:00 – 10:30 a.m.	Break (Refreshments provided)
10:30 – 10:55 a.m.	Marta Civil, Faculty, Department of Mathematics *"Opportunities in mathematics education and outreach to schools: The Center for the Mathematics Education of Latino/as"*
11:00 – 11:25 a.m.	Predrag Punosevac, Graduate Student, Department of Mathematics *"A Brief Introduction into Dynamical Systems"*
11:30 – 12:25 p.m.	Bob Borys, Computing Manager, Computational Facilities*
12:30 – 2:00 p.m.	Lunch Break (on your own)
2:00 – 2:25 p.m.	Mac Hyman, Los Alamos National Laboratory, Mathematical Modeling & Analysis *"Student Internships at Los Alamos National Laboratory"*
2:30 – 2:55 p.m.	Matthew Kupinski, Faculty, Optical Sciences Center, Department of Radiology *"An Overview of Imaging Science Research"*
3:00 – 3:30 p.m.	Break (Refreshments provided)
3:30 – 3:55 p.m.	Joceline Lega, Faculty, Department of Mathematics *"Stability results for coherent structures"*
4:00 – 4:25 p.m.	Jan Wehr, Faculty, Department of Mathematics *"Disordered systems: fascinating physics, challenging mathematics"*
4:30 – 5:00 p.m.	Tour of Applied Math and Biomath Labs* (Meet in Rm 401N) Robert Reinking, Senior Research Engineer, Program in Applied Mathematics Michael Tabor, Head, Program in Applied Mathematics

**Attendance on tours is optional*

Tuesday, March 8

9:00 – 9:25 a.m.	Ildar Gabitov, Faculty, Department of Mathematics *"Mathematical modeling of light propagation in optical materials with embedded nanostructures"*
9:30 – 9:55 a.m.	Eric Forgoston, Graduate Student, Program in Applied Mathematics *"A Mathematical Model for the Development of Disturbances in High Speed Flows"*
10:00 – 10:30 a.m.	Break (Refreshments provided)
10:30 – 10:55 a.m.	Adam Spiegler, Graduate Student, Department of Mathematics *"An Overview of the Free Rigid Body"*
11:00 – 11:25 a.m.	Philip Foth, Faculty, Department of Mathematics *"The Ubiquitous Sphere"*
11:30 a.m.	Workshop ends