WARM-UP FALL 2006
Department of Mathematics and Statistics
University of New Mexico
Albuquerque
August 14-17, 2006
ACADEMIC PROGRAM
MONDAY AFTERNOON AUGUST 14 - HUMANITIES 428

- Coffee and snacks.

1:00pm Prof. Alex Buium.
   Congruences and zeta functions.

2:15pm Profs. Deborah Sulsky, Todd Kapitula, Monika Nitsche and Pavel Lushnikov.
   An introduction to some of the applied mathematics done at UNM: from fluid mechanics and material sciences, to math biology and dynamical systems.

- Coffee and snacks

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TUESDAY MORNING AUGUST 15 - HUM 428

- Coffee and snacks.

9:00am Prof. Santiago Simanca.
   Riemannian Geometry: Geodesics and curvature.

10:00am Profs. Mike Nakamaye and Kristin Umland.
   What makes a good teacher?

- Lunch Break

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TUESDAY AFTERNOON AUGUST 15 - HUMANITIES 428

- Coffee and snacks

1:00pm Prof. Tom Hagstrom.
   The Mathematics of Computational Science.

   An introduction to some of the statistics done at UNM: from bayesian statistics to biostatistics.

- Coffee and snacks

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The real WARM-UP  
Department of Mathematics and Statistics  
University of New Mexico, Albuquerque  
August 15-17, 2006

The evening sessions are organized and run by current graduate students. They will provide a chance to review basic algebra and real analysis that every entering graduate student should know. It will also provide a chance to get to know some of the older graduate students. Each session will include a one hour review session along with one hour of working on problems, and dinner in between!

TUESDAY EVENING AUGUST 15 - HUMANITIES 428

5:30pm Harry Snow  
The Rocky Horror Algebra Show.

6:30pm Dinner (Pizza in the lounge).

7:00pm Adam Ringler and Paul Delgado  
Problem Session

WEDNESDAY at NOON AUGUST 16

12:30pm PICNIC - At the field North of Johnson Field.  
There is a volleyball net, basketball hoops, grass for soccer... We will eat and play until we get tired!

THURSDAY EVENING AUGUST 17 - HUMANITIES 428

5:30pm Jason Terry  
Everything in Real Analysis you forgot over the summer.

6:30pm Dinner (Chinese food in the lounge).

7:00pm Oksana Guba and Adam Ringler  
Problem Session