

# Your First Date

## Exploring Data with SAS

Presented by:

**Scott Comulada, Dr.PH**

**Li-Jung Liang, Ph.D**

**CCH Roundtable Session**

**Wednesday, October  
25, 2006**



# CLEAR study Recruitment

- Study population: Young HIV+ substance users
- Los Angeles, New York, San Francisco
- June 1998 - December 2000
- Interviewed at 3, 6, 9, 12, 15, and 21 months

# CLEAR variables (n = 256)

- Intervention condition
- Age
- Gender
- Site
- Lifetime # of sexual partners
- Lifetime Methamphetamine use
- BSI depression

# SAS Statistical Procedures

- Chi-square Test
  - PROC FREQ
- Analysis of Variance (ANOVA)
  - Fixed Effect Models
    - PROC GLM for General Linear Models
    - PROC ANOVA for Balanced Designs
    - PROC TTEST for Comparing Two Groups
  - Mixed and Random Effect Models
    - PROC MIXED (powerful procedure, but complex to use)

# Useful Online References

UCLA Academic Technology Services  
([www.ats.ucla.edu](http://www.ats.ucla.edu))

Click “**Statistical Computing**”, then click  
“**SAS**” to get to “**Resources to help you  
learn and use SAS**” webpage

- Learning SAS, Data Analysis Examples, etc
- SAS Online Document

<http://www.ats.ucla.edu/stat/sas/sasdoc.htm>