

*The Odum Institute
For Research In Social Science*

(University of North Carolina at Chapel Hill)

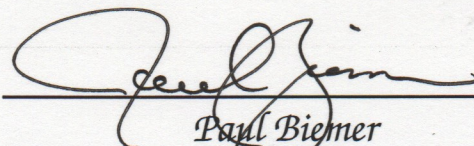
*Certificate of Completion
is hereby granted to*

Cecil McManus

to certify satisfactory completion of

*Latent Class Analysis of
Survey Error*

Granted November 14th, 2006



*Paul Biemer
Program Director*