

Faculty Professional Development Grant Final Report

**Grant to Join the
2008-2009 CARMA Consortium Webcast Program**

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by**

**Dr. Loretta Cochran
Assistant Professor of Management
School of Business
COR 221
479-946-3250
lcochran@atu.edu**

Restatement of Professional Enhancement Project

The application for a professional development grant was a request for the registration fee to join the 2008-2009 CARMA Consortium Webcast Program. CARMA is the Center for the Advancement of Research Methods and Analysis at Virginia Commonwealth University – School of Business. As a subscribing school, we had access to live and recorded versions of the 10 lectures in the 08-09 series as well as 36 past lectures.

Review of Professional Enhancement Project

The CARMA series provided faculty and staff with a professional development opportunity to hear the latest methodological developments relevant to a variety of research agendas. One personal goal was to enhance the research methods for studies conducted by the Assessment Committee within the College of Business. The series covered advanced topics of organizational studies and historical methods of classical research.

Content was delivered to campus through individual webcasts where faculty members were able to view the lectures through their personal computers either on campus or at home. Attached is a copy of the flyer sent to the faculty advertising the program. The ease of use (took only a few mouse clicks to access each video) along with the 24 hour availability (could watch whenever a person wanted) made this an optimal professional developmental opportunity.

Summary

Forty six lectures over a variety of statistical topics were available to the faculty during the 2008-2009 academic year. Personally, I enjoyed the lectures on longitudinal data analysis, regression, meta-analysis, IRT, and qualitative research methods. As subscriptions were individual in nature, viewing on your own, I am unable to report on total number of viewings.

Conclusions and Recommendations

While final usage numbers from ATU are not known, there were several faculty interested in the videos and had questions when they were first made available. Ideally, the quality of research methods employed by faculty watching the videos will increase and the breadth of methods will widen. Individually, I gained valuable knowledge about the research process that I have used in at least one project so far and hope to have the opportunity to design even more robust studies in the future.

Virginia Commonwealth University - School of Business



Research Methods Education
for the Global Classroom

Center for the Advancement of Research Methods and Analysis

301 W. Main Street - P.O. Box 844000 - Richmond, VA 23284-4000 - Tel: (804) 828-7112 - Fax: (804) 225-4790

Email: carma@vcu.edu Website: <http://www.pubinfo.vcu.edu/carma/>

Are you interested in Item Response Theory? Does the thought of repeated measures ANOVA keep you up at night? What about meta-analysis and structural equations? If any of these topics hold the slightest interest, please keep reading.

As part of a faculty development grant, Arkansas Tech University has joined the CARMA consortium. As a member, all faculty and students have access to the 41 Webcasts archived in the CARMA library. All you need to do is become a registered user – by the way, have I mentioned that it is available at no cost to you?

The video and slides are available to any person linked to a CARMA Consortium Webcast Program member organization as long as they are registered CARMA Website Users and they use an email address provided by the organization. For example, if a person is an Arkansas Tech University student, he/she must first register as a CARMA Website User using their ATU email address (which always ends with atu.edu). If you are not a registered CARMA Website User, go to <http://www.carma.vcu.edu/addperson.asp>. Once a potential viewer is a registered CARMA Website User, they can obtain access to the videos and slides by using the link on the left navigation bar and accessing the "[CARMA Website User Area](#)". Next, they should click on the "Video Library" link under the "User Menu" column. This step will lead them to a directory of all recorded sessions that are available.

As preparing for watching the videos, please MAKE SURE that:

- You have Real Player installed on your viewing machine (if you do not have real player installed, you can get the basic player for free at <http://www.real.com/realplayer.html>);
- The network that this machine is connected to allows video streaming of RM files (Real Media files). Some network firewalls are configured to block RM streaming and this is the type of file our webcast technology uses. If the streaming of this type of file is blocked by your network's firewall, your viewing computer will not be able to receive the video. Therefore, if you have any problems with receiving the video streaming, please check with your network administrator to be sure that the network your machine is connected to is not blocking the traffic of RM files.

Video

Presenter

1) Estimating Interaction Effects Using Multiple Regression	Dr. Herman Aguinis
2) Moderation in Structural Equation Modeling: Specification, Estimation, and Interpretation Using Quadratic Structural Equations	Dr. Jeffrey R. Edwards
3) The Effect of Criterion Reliability on Means and Interactions in Meta-Analysis	Dr. Lawrence R. James
4) Measures of Agreement for Group Level Research	Dr. James M. LeBreton
5) Hierarchical Linear Modeling	Dr. David A. Hofmann
6) Multilevel Structural Equation Methods	Dr. Robert J. Vandenberg
7) Current Issues in Individual, Group, and Organizational Level Measurement : Strategic Management	Dr. Brian Boyd
8) Current Issues in Measurement - Individual Level	Dr. Claudia Coglisier
9) The Conceptualization, Measurement, and Validation of Multilevel Constructs	Dr. Gilad Chen
10) Meta-Analysis and Strategy Research	Dr. Dan R. Dalton
11) Testing for mediating variables in Management Research: Concerns, Implications and Alternative Strategies	Dr. J. Myles Shaver
12) The World Is Flat, the Earth is the Center of the Universe, and Mediating Effects Can Be Tested Using Data from Nonexperimental Research	Dr. Eugene F. Stone-Romero
13) Methods for Integrating Moderation and Mediation: An Analytical Framework Using Moderated Path Analysis	Dr. Jeffrey R. Edwards
14) Issues in Social Network Analysis	Dr. Dan Brass
15) Contributing to Applied Psychology with Laboratory Research	Dr. John Hollenbeck
16) Power Analysis for Traditional and Modern Hypothesis Tests	Dr. Kevin Murphy
17) Regression Models for Limited Range Dependent Variables	Dr. David Harrison
18) Robust Regression	Dr. William Starbuck
19) Issues with Internet Data Collection	Dr. Jeff Stanton
20) Methodological issues in Cross-Cultural Research	Dr. Michele Gelfand
21) Non-responses to Organizational Surveys	Dr. Steven Rogelberg
22) Issues with Group Measurement	Dr. Katherine Klein
23) Item Response Theory	Dr. Neal Schmitt
24) Longitudinal Data Analysis	Dr. Robert Ployhart
25) Latent Growth Models for Longitudinal Data	Dr. Robert Vandenberg
26) Repeated Measures ANOVA and MANOVA	Dr. Jorge Mendoza
27) Goodness of Fit and Structural Equation Models	Dr. Jose Cortina
28) Relative Importance of Predictors with Regression Models	Dr. James LeBreton
29) Nonlinear Dynamic Models	Dr. Paul Hanges
30) Advanced Panel Methods for Strategy Research	Dr. Peter Hom
31) Conditional Reasoning and Personality Measurement	Dr. Larry James
32) Measurement Invariance and Applied Research	Dr. Roger Millsap
33) Strategy and Research Methods Development	Dr. Don Bergh
34) Discontinuous Growth Models	Dr. Paul Bliese
35) Restriction of Range	Dr. Paul Sackett
36) Publishing Criteria for Qualitative Research	Dr. Michael Pratt
37) Measurement Models for Linking Latent Variables and Indicators: A Review of Alternatives for Organizational Researchers	Dr. Larry Williams
38) Review of Research Methods in Organizational Studies	Dr. Herman Aguinis
39) Measurement of Affect and Episodic Events	Dr. Howard Weiss
40) Measurement Issues in Stress Research	Dr. Daniel Ganster
41) Question and Context Effects in Organizational Survey Data	Dr. Adam Meade

Future Webcasts:

Nov. 14, 2008	Joint Analysis of Multiple Categorical Dependent Variables	Dr. Peter Westfall, Texas Tech University
Jan. 30, 2009	The Grounded Theory Approach to Qualitative Data Analysis	Dr. Karen Locke, The College of William and Mary
Feb. 27, 2009	Using Spatial Analysis in Strategy Research	Dr. Jonathan Doh, Villanova University
Apr. 17, 2009	Dynamic Approaches to Analyzing Group Processes	Dr. Laurie Weingart, Carnegie Mellon University
	Exploring Interdependencies Among Strategic Choices Using Multivariate Probit Analysis	Dr. Jeffrey Reuer, University of North Carolina
	Estimating Confidence Intervals for Correlations Corrected for Unreliability and Range Restriction	Dr. Michael Burke, Tulane University