

**AMERICAN ACADEMY OF KINESIOLOGY AND PHYSICAL EDUCATION**  
**Annual Report – September 20, 2010**

**REPORT OF:** Doctoral Program Evaluation Committee, 2005-2009  
**DATE OF REPORT:** September 20, 2010  
**PREPARED BY:** Waneen Spirduso (Chair)  
**COMMITTEE MEMBERS:** Daniel Corcos, Kirk Cureton, Gil Reeve, Scott Kretchmar

**DESCRIPTION OF ACTIVITIES:**

The Academy has completed the 2005-2009 Doctoral Program Evaluation and the outcomes of this evaluation will be presented at the Business Meeting of the Annual Academy, October 9, 2010. Sixty-one institutions representing 66 doctoral programs were contacted for inclusion in this evaluation period, and 35 institutions participated. Of those, 26 participating in both evaluations (2000-04, 2005-09); 9 were new to the current process, and 6 dropped out. Some statistical comparisons were made between the two evaluation periods.

Data Collection Process. Letters of invitation to participate and packages containing the code sheet and spreadsheet for reporting program activities were sent to the chairs of departments in November, 2009, and the reports were due February 15, 2010. Late letters, confirmation of entrees, and data analyses occurred from March to May, 2010. Technical report writing was completed in August 30, 2010.

A letter from Academy President Rikli containing the evaluation results will be mailed to the Chairs of participating departments the week prior to the 2010 Academy meeting. Until that time, the results were known only by the two analysts and the Chair of the Doctoral Program Evaluation Committee. The results package contains a) description of the weightings used for each of the indices, b) overall final ranks of departments calculated by four different methods, c) T scores of doctoral programs on nine faculty indices and seven student indices, and d) some descriptive analyses of all the programs combined by T-Scores, e.g., federal funding of programs in the T-Scores category 40-49, 50-59, 60 or more; Student Support by these same T-score categories.

The Analysis Process. Analyses were conducted as directed by the AAKPE Standing Committee on Doctoral Programs. Codebook materials were provided to the chairs of departments. Tables were reported in the same format as the previous review (see Thomas & Reeve, 2006. *Quest*, 58;176-196.)

Two key variable changes were made from the 2000-2004 AAKPE process: the definition of refereed journal publications, and the way grants were counted. The current analyses include number of *unique* publications in a unit. Journal publications are counted only once within a unit when there were multiple faculty co-authors from within the unit. In the 2000-2004 analysis total grant values awarded were counted. The 2005-2009 analysis includes only research and training grant *expenditures* for each year that were processed through the department's budget were totaled and counted.

Specific analyses conducted were:

- Method #1 – Faculty indices were adjusted for number of faculty in the unit. “Postdocs” and “employed-in-field” were adjusted for number of students enrolled. Z-scores were truncated at 2.576. This analysis is identical to the 2000-2004 analyses except that a journal publication only counted once for the program (corresponding author).
- Method #2 – Faculty indices adjusted for number of faculty in the unit. Postdocs and employed in field adjusted for number of students enrolled. Z-scores NOT truncated.

Method #3 – Faculty and student indices NOT adjusted for size. Z-scores truncated at 2.576.

Method #4 – Faculty and student indices NOT adjusted for size. Z-scores NOT truncated.

Observations. The data collection process and analyses procedures presented no problems. Few questions were raised on this round. General analyses showed that

- 1) Results can be compared with 2000-2004 analyses
- 2) Some changes in ranks occurred depending on whether scores are truncated and/or indices are adjusted for faculty size and student enrollment but these changes are typically very small.
- 3) Spearman rank correlations between final ranks ranged from .76 to .99 for the four methods.
- 4) Correlations between rankings and indices and doctoral faculty are similar to those reported in 2000-2004.

**Questions and Considerations for the 2011-2015 AAKPE Doctoral Evaluation Committee:**

1. Eliminate Method #2 (adjusted for faculty size, NOT truncated) (#1 & 2;  $r = .99$ )
2. Eliminate Method #4 (not adjusted for faculty size, NOT truncated) (#3 & 4;  $r = .99$ )
3. Consider clarifying the Research Publications category. Should there be a separate category for peer-reviewed research articles and another category for professional articles and thought pieces. This category is 20% of the overall ranking.
4. Consider clarifying the distinction between the categories of National Academy Membership (2%) and National Fellows (2%).
5. Consider eliminating "Yield" (2%) and redistributing the points (contribution to the total scores in 2000-04 was  $r = .27$ ; in 2005-09 it is  $r = 0.03$ ).

## Financial Summary

<b>INCOME</b>	\$21,000		35 schools @ 600 = \$21,000
Expenditures HK expenses	\$1,500	Entire period	\$500 for postage and mailing materials; \$20/hr staff time; Rough Estimate, as we do not know how much material and how many schools will participate
Personnel			
Morrow	\$3,500	March 2010	Analysis of data
	\$3,500	Summer 2010	Supervision of data collection; additional schools; supervision of analysis; additional schools to analyze
	<b>\$7,000</b>	<b>Total</b>	
Jackson	\$3,500	March 2010	Analysis of data
	\$3,500	Summer 2010	Supervision of data collection; additional schools to analyze; supervision of analysis
	<b>\$7,000</b>	<b>Total</b>	
Student RA \$10/hr	\$2,000	in summer 2010	Set up list and verifying addresses of chair & dean; find on AKA web Analysis of data Paid directly out of Academy budget; hourly bill
	<b>\$2,000</b>	<b>Total</b>	
Committee meetings Conference calls	\$3,500	<b>Total</b>	
<b>GRAND TOTAL</b>	<b>\$21,100</b>		

## Acknowledgments

1) \*Analyses were conducted by measurement specialists Dr. Jim Morrow, and Dr. Allen Jackson, both members of the Academy and both professors at The University of North Texas, which does not offer a doctoral program in kinesiology or physical education. They were contracted to supervise data collection, conduct the analysis, supervise an analyst assistant, and write the technical report.

2) Kim Scott and Amy Rose of the AAKPE Business Office contributed substantially to the data collection and conducted communications with participating units.

3) Kristopher D. Chinnery of the University of North Texas contributed substantially to the data review and analyses.