

Evaluation of Physical Activity and Public Health Training Courses for Researchers and Practitioners

Submitted for approval under CDC's generic approval #0920-0864, *Improving the Quality and Delivery of CDC's Heart Disease and Stroke Prevention Programs*

OMB Supporting Statement – Part B. Statistical Methods

February 1, 2013

Attachments

- 1a. PAPHC Telephone Interview for Faculty
 - 1b. Introductory 1 and Follow-up Reminders 2 and 3 for PAPHC Telephone Interview for Faculty
 - 2a. PAPHC Web-based Survey for Fellows
 - 2b. Introductory 1 and Follow-up Reminders 2-4 for PAPHC Web-based Survey for Fellows
 - 3a. PAPHC Telephone Interview for Fellows
 - 3b. Introductory 1 and Follow-up Reminders 2 and 3 for PAPHC Telephone Interview for Fellows
-

B. Statistical Methods

B.1 Respondent Universe and Sampling Methods

This is a three-part information collection. The first is a web-based survey of all research fellows that took the Physical Activity and Public Health course between the years 1996-2011 (**Attachment 2a**). We will invite all fellows from 1995-2011 to complete a web-based survey on the course. This includes 510 research course fellows that attended from 1995 to 2011 and 395 practitioner course fellows that attended from 1996 to 2011. No sampling is applied.

Second, we will conduct interviews with fellows (**Attachment 3a**). At the conclusion of the web-based survey, fellows will be asked if they are willing to participate in an interview over the phone, excluding any past or current international fellows and federal employees. Approximately 6 weeks after fielding the survey, we will randomly order the participants from this volunteer list in order to select those willing to be interviewed randomly. We will contact the first 15 researchers and first 15 practitioners on this random list for interviews, attempting to include five people for each time period: 1995-2000, 2001-2006, 2007-2011. If after three attempts we are unable to reach a fellow for an interview, we will replace that fellow with the next fellow on the list, until the protocol has been executed to produce 30 interviews (15 researchers, 15 practitioners).

Third, we will also conduct in-depth interviews with course faculty (**Attachment 1a**). We selected those to interview that taught at least 4 of 5 times since 2008.

B.2 Procedures for the Collection of Information

For the faculty interviews, all eligible faculty will be emailed and asked to participate if they meet the inclusion criteria described in B1. Copies of the recruitment and follow-up materials for faculty are included as **Attachment 1b**.

The invitation letter for the web-based survey (**Attachment 2b**) will be sent via email to all past course fellows, through 2011. At the conclusion of the web-based survey, those who are not past or current federal employees or international fellows will be asked if they would like to participate in a longer interview about the course. If they agree, then their ID will be added to a roster and selection will occur as described in B1. The recruitment and follow-up materials for the telephone interviews with fellows are included as **Attachment 3b**.

B.3 Methods to Maximize Response Rates and Deal with Non-response

To encourage participation of the web-based survey, we will send a follow-up/reminder email (**Attachment 2b**) to each respondent who has agreed to participate in the follow-up survey. The follow-up email will remind individuals who have not completed the survey that their participation would be appreciated. If there is no response from the email, perhaps due to not reaching the participant, we will try to contact them via phone. This similar process will occur for the faculty interviews. **Attachment 2b** includes details of this process.

B.4 Test of Procedures or Methods to be Undertaken

First, we estimate the web-based survey to take most people less than 10 minutes to complete. This figure is based on a pilot of the questionnaire on the web with 5 non-fellows. Second and third, the in-depth interviews with fellows and faculty will be scheduled for 30 minutes increments. It is anticipated that the interviews will not take longer than this period of time.

B.5 Individuals Consulted on Statistical Aspects and Individuals Collecting and/or Analyzing Data

CDC DHDSP Staff and UNC Project Lead	Statistical/ methodological/ data collection consultants	Data collection	Data analysis
David R. Brown, Ph.D. CDC, Behavioral Scientist Phone: 770-488-5526 E-mail: drb8@cdc.gov	X		

Kelly Evenson, Ph.D. Project Lead, Department of Epidemiology, University of North Carolina - Chapel Hill Phone: 919-966-4187 E-mail: kelly_evenson@unc.edu	X	X	X
---	---	---	---