

AUTOMATED MULTIPLE PASS METHOD: AN IMPROVED METHOD FOR COLLECTING DIETARY INTAKES

USDA Food Surveys Research Group, BHNRC

Alanna Moshfegh and the Food Surveys Research Group team researched and developed an improved method of dietary data collection for use large-scale nutrition and health research studies that produces data with significantly improved accuracy as compared with data from previous methods used by nutrition researchers. The Automated Multiple-Pass Method (AMPM) is a computerized dietary intake instrument that provides a guided interview of 5 distinct research-based steps designed to elicit accurate food recall and amount determination from respondents. It utilizes different strategies of repetition to elicit more complete recall of foods. The method includes standardized questions and possible response options for the thousand of types of foods available in the US and each response option is programmed to proceed to the next appropriate question. The AMPM can be administered either in-person or over the phone. The AMPM is used for collecting dietary recalls of 5,000 Americans yearly in the only national Federal nutrition survey What We Eat in America, NHANES, which is conducted jointly by USDA and DHHS. Data from this survey are used to assess the nutritional health of Americans and as the basis of Federal nutrition policy and regulatory decisions. The AMPM has also been transferred to the Canadian government for the conduct of their national nutrition survey as well as other researchers in the US

Primary Contact: Alanna J. Moshfegh , Nutritionist, USDA-ARS Food Surveys Research Group, BHNRC, Bldg. 005, Rm. 106, BARC-W, Beltsville, MD 22066, **Phone:** 301-504-0170, **Fax:** 301-504-0376, **E-mail:** amoshfegh@rbhnrc.usda.gov

Linda E. Cleveland
Linda A. Ingwersen
Nancy R. Raper

Jaswinder Anand
Betty P. Perloff
Lois Steinfeldt

FLC Representative Making Nomination

Harry Danforth
10300 Baltimore Ave.
Beltsville
MD 20705-2350
301-504-6421
301-504-6001
danforthh@ba.ars.usda.gov

Nominee(s)' Supervisor

John Cherry
10300 Baltimore Ave.
Beltsville
MD 20705-2350
301-504-8157
301-504-9381
cherryj@ba.ars.usda.gov

Technology Transfer Program Manager

Richard Brenner
5601 Sunnyside Ave.
Beltsville
MD 20705-5131
301-504-6905
301-504-5060
Richard.Brenner@nps.
ars.usda.gov

Laboratory Director

Phyllis Johnson
10300 Baltimore Ave.
Beltsville
MD 20705-2350
301-504-6078
301-504-5863
johnsonp@ba.ars.usda.gov