

Foreword

The 21st National Nutrient Databank Conference was held in Baton Rouge, Louisiana on June 20-22, 1996. The Conference is organized by several committees of volunteers who give of their time and skills generously to assure a successful and informative meeting for all attendees.

Chairs of the 1996 Conference committees were: Steering Committee, Al Riley of Campbell Soup Company; Program Committee, Joanne Holden of the Nutrient Data Laboratory and Jack Smith of the University of Delaware; Committee on Data Quality, Suzanne Murphy of the University of California, Berkeley; Communications Committee, David Haytowitz and Ruth Matthews of the Nutrient Data Laboratory; Database Committee, Charlene Hamilton and Jack Smith of the University of Delaware; and Arrangements Committee, Catherine Champagne of the Pennington Biomedical Research Center. Special thanks are extended to the rest of the Arrangements Committee whose attention to detail in several areas enabled the success and smooth completion of this conference. They included Ray Allen, Nancy Baker, Mary Dawson, Anne Duke, Barbara Eberhardt, Pam Fisher, Philippe Hebert, Stacy Heilman, Olivia Lara, Patrick Marquette, Cheryl Parker, Kelly Patrick, Baldwin Sanders, and Ralph Underwood, all from the Pennington Biomedical Research Center. A special word of thanks to Pam Fisher who assured that the timing of the activities was strictly adhered to, on one occasion causing a couple of attendees to miss a bus ride because they were not there at the appointed time and on another occasion to elicit a remark from one participant that "Pam must have gone to each person's hotel room and reset the clocks to make sure they got up on time." In addition to Pam Fisher, Pat Marquette and Ralph Underwood spent untold hours keeping the budget straight for this conference.

The expertise of previous organizers of the Conference was especially valuable in preparing for this Conference. Special thanks go to Jack Smith of the University of Delaware, Loretta Hoover of the University of Missouri-Columbia and Roberta Markel and Darwin Dennison of DINE Systems for providing notebooks from the previous conference, with words of wisdom from their past year's experiences. I would fail in my acknowledgments if I didn't express thanks to Suzanne Murphy of the University of California, Berkeley for providing detailed notes on putting together this conference from my first experience in 1993 to this year's adventure. I only wish she could have helped in providing advice to facilitate the speedy submission of all papers presented so that the proceedings could have been published in a more timely and complete manner than I have been able to accomplish.

This Conference was made possible by funding support by several Federal agencies and corporations, who are again listed in the acknowledgments. Sincere appreciation is expressed to the following Federal agencies: Department of Health and Human Services, National Institutes of Health, National Cancer Institute; and the United States Department of Agriculture, Agricultural Research Service. Special thanks go to national corporate sponsors: Best Foods-CPC International, Campbell Soup Company, The CBORD Group, The Coca Cola Company, Frito-Lay Incorporated, The Gerber Companies Foundation, Kleinpeter Dairies Incorporated, Kraft Foods, McNeil Specialty Products Company, National Cattlemen's Beef Association, Nestle USA Incorporated, and Procter & Gamble. Donations were received from a number of Louisiana based companies which are listed separately in this publication.

This Conference was dedicated to the memory of Dr. Margaret C. Moore, recipient of the First Pioneer Award given by the National Nutrient Databank Conference, who died on October 11, 1995, two days after her 99th birthday. When we offered to host this conference, it was to have been in recognition of the 100th birthday of one of the great leaders in the field of nutrient database research and development. In honor of this prestigious benefactor of the Pennington Biomedical Research Center and Foundation, we include an article that appeared in *Inside Pennington*, the official newsletter of the Pennington Biomedical Research Center. We have truly missed this great lady.

The proceedings contain copies of papers submitted by the presenters. In the event, no submission of a formal paper was received, the slides, outline, transcribed paper, or simply an abstract is provided. Papers presented in concurrent sessions normally will contain only an abstract.