Acknowledgements

This monograph, entitled Risks Associated with Smoking Cigarettes with Low Machine-Measured Yields of Tar and Nicotine, was prepared under the general editorship of Donald R. Shopland, former Coordinator for the Smoking and Tobacco Control Program (STCP), National Cancer Institute, Bethesda, Maryland.

The Senior Scientific Editor for this monograph was David M. Burns, M.D., Professor of Medicine, School of Medicine, University of California at San Diego, California. The Co-Scientific Editor was Neal L. Benowitz, M.D., Professor of Medicine, Chief Division of Clinical Pharmacology and Experimental Therapeutics, University of California at San Francisco, California. The Managing Editor for the monograph was Richard H. Amacher, Project Director, KBM Group Inc., Silver Spring, Maryland.

The editors and STCP staff members gratefully acknowledge the many researchers and authors who made this monograph possible through their many hours of writing and review. Contributors to each chapter are as follows:

**Chapter 1  Overview and Summary**

- **David M. Burns, M.D.**
  Professor of Medicine
  School of Medicine
  University of California
  San Diego School of Medicine
  San Diego, CA

- **Neal L. Benowitz, M.D.**
  Professor of Medicine and Chief
  Division of Clinical Pharmacology and Experimental Therapeutics
  University of California at San Francisco
  San Francisco, CA
Chapter 2  Cigarette Design
Lynn T. Kozlowski, Ph.D.
Professor and Head
Department of Biobehavioral Health
The Pennsylvania State University
University Park, PA

Richard J. O’Connor, B.A.
Research Assistant
Department of Biobehavioral Health
The Pennsylvania State University
University Park, PA

Christine T. Sweeney, M.P.H., Ph.D.
Scientist
Pinney Associates, Inc.
Bethesda, MD

Chapter 3  Compensatory Smoking of Low-Yield Cigarettes
Neal L. Benowitz, M.D.
Professor of Medicine and Chief
Department of Clinical Pharmacology and Experimental Therapeutics
University of California at San Francisco
San Francisco, CA

Chapter 4  Smoking Lower Yield Cigarettes and Disease Risks
David M. Burns, M.D.
Professor of Medicine
University of California, San Diego School of Medicine
San Diego, CA

Jacqueline M. Major, M.S.
Statistician
Tobacco Control Policies Project
University of California at San Diego
San Diego, CA
Acknowledgements

Thomas G. Shanks, M.P.H., M.S.
Principal Statistician
Tobacco Control Policies Project
University of California at San Diego
San Diego, CA

Michael J. Thun, M.D., M.S.
Vice President of Epidemiology and Surveillance Research
American Cancer Society
Atlanta, GA

Chapter 5  The Changing Cigarette: Chemical Studies and Bioassays

Dietrich Hoffmann, Ph.D.
Associate Director
American Health Foundation
Valhalla, NY

Ilse Hoffmann, B.Sc.
Editorial Coordinator
American Health Foundation
Valhalla, NY

Chapter 6  Public Understanding of Risk and Reasons for Smoking Low-Yield Products

Neil D. Weinstein, Ph.D.
Professor of Human Ecology
Rutgers, The State University of New Jersey
New Brunswick, NJ

Chapter 7  Marketing Cigarettes with Low Machine-Measured Yields

Richard W. Pollay, Ph.D.
Professor of Marketing,
Faculty of Commerce
Curator of the History of Advertising Archives
University of British Columbia
Vancouver, Canada

Timothy Dewhirst, M.A.
Ph.D. Candidate
University of British Columbia
Vancouver, Canada
The editors are indebted to a number of distinguished scientists, researchers, and others in the government, universities, and the private sector who contributed critical reviews during the formation of this final monograph. We are also grateful for the guidance and support provided by Stephen Marcus, Ph.D., who has been given the responsibility to continue the STCP monograph series in the future.

Jeffery Wigand, Ph.D.
President
Smoke-Free Kids
Charleston, SC

Diane Pettitti, M.D., M.P.H.
Director
Division of Research and Evaluation
Kaiser Permanente Medical Care Program
Southern California Region
Pasadena, CA

William Farone, Ph.D.
President
Anaheim, CA

Brian Beech, M.S. (OEH), C.I.H.
(TCP), R.O.H.
Tobacco Strategy Branch
Ministry of Health
Government of British of Columbia
British Columbia, Vancouver

Joel B. Cohen, Ph.D.
Distinguished Service Professor and Director
Center for Consumer Research
Warrington College of Business Administration
University of Florida

Gary A. Giovino, Ph.D., M.S.
Department of Cancer Prevention, Epidemiology, and Biostatics
Roswell Park Cancer Institute
Buffalo, NY

David M. Mannino, M.D.
Medical Epidemiologist
National Center for Environmental Health
Centers for Disease Control and Prevention
Atlanta, GA

Patricia Richter, Ph.D.
Toxicologist
Centers for Disease Control and Prevention
Office on Smoking and Health
Atlanta, GA

Ralph Caraballo, Ph.D.
Epidemiologist
Centers for Disease Control and Prevention
Office on Smoking and Health
Atlanta, GA

Sir Richard Doll, C.H., F.R.S., F.R.C.P.
Emeritus Professor of Medicine
Nuffield Department of Clinical Medicine
Oxford University
Oxford, United Kingdom

Jesse L. Steinfeld, M.D.
Former Surgeon General

C. Everett Koop, M.D., Sc.D.
Former Surgeon General
Senior Scholar
The C. Everett Koop Institute at Dartmouth
Hanover, NH
Jonathan M. Samet, M.D., M.S.
Professor and Chairman
Department of Epidemiology
School of Hygiene and Public Health
Johns Hopkins University
Baltimore, MD

Dorothy K. Hatsukami, Ph.D.
Professor of Psychiatry
University of Minnesota Medical School
Minneapolis, MN

Jack E. Henningfield, Ph.D.
Associate Professor
Department of Psychiatry and Behavioral Sciences
Johns Hopkins University School of Medicine
Baltimore, MD

and

John R. Hughes, M.D.
Professor
Department of Psychiatry, Psychology, and Family Practice
University of Vermont
Burlington, VT

Sir Richard Peto, F.R.S., Hon M.R.C.P.
Professor of Medical Statistics and Epidemiology
Nuffield Department of Clinical Medicine
Oxford University
Oxford, United Kingdom

David T. Sweanor, J.D.
Legal Counsel
Smoking and Health Action Foundation
Ottawa, Canada

Kenneth E. Warner, Ph.D.
Richard D. Remington Collegiate Professor of Public Health/Director
University of Michigan Tobacco Research Network
University of Michigan

Robert W. Davignon, M.S.
Production Editor

Christy M. Anderson, B.S.
Statistician

Jerry W. Vaughn, B.S.
Programmer/Analyst

Sharon Buxton
Administrative Assistant

Don F. Harrell
Administrative Assistant

The editors also acknowledge the following individuals at the Tobacco Control Policies Project, University of California at San Diego, San Diego, California, for their assistance in the preparation of the monograph:
Finally, the editors and STCP staff would like to acknowledge the contributions of the following staff members at **KBM Group, Inc.**, Silver Spring, Maryland, who provided technical and editorial assistance in the preparation of the monograph:

**Ann L. Kreske, M.S.**
Editor/Graphic Designer

**Catherine M. McDermott, B.S.**
Copy Editor

**Heidi S. Volf, B.A.**
Proof Reader/Graphic Designer

**Sarah W. Weinstein, B.A.**
Graphic Designer

**Yaa Nsia Opare-Phillips, B.S.**
Administrative Assistant