

Authors and Acknowledgements

The Smoking and Tobacco Control Monographs are developed under the editorial direction of **Donald R. Shopland**, Coordinator, Smoking and Tobacco Control Program (STCP), National Cancer Institute, Bethesda, Maryland. This volume, *Health Effects of Exposure to Environmental Tobacco Smoke*, was originally conceived and developed under the editorial direction of **Lauren Zeise**, Ph.D., Chief, Reproductive and Cancer Hazard Assessment Section (RCHAS), Office of Environmental Health Hazard Assessment (OEHHA), California Environmental Protection Agency (Cal/EPA). **Amy Dunn**, M.P.H., Research Scientist, and Lauren Zeise were the editors of the original Cal/EPA report. The topic is of such critical public health importance that NCI, in cooperation with Cal/EPA, is publishing and disseminating the report as part of NCI's continuing Smoking and Tobacco Control Monograph series.

The body of the original Cal/EPA report is presented in this monograph in its entirety, with only minor editorial revision. Due to space considerations, Appendices A and B, which were published alongside the original report, have not been reproduced in this volume. For those readers interested in obtaining copies of the appendices as they appeared in the Cal/EPA report, single copies are available, upon written request, from the California Environmental Protection Agency. Or they may be downloaded as PDF files through the OEHHA web site at <http://www.oehha.ca.gov>.

Unlike the original Cal/EPA report, this monograph contains a preface by **David Satcher**, M.D., Ph.D., U.S. Surgeon General and Assistant Secretary for Health, Department of Health and Human Services.

The editors and STCP staff members would like to express their sincere appreciation to **Stanton Glantz**, Ph.D., Professor of Medicine, University of California, San Francisco for his tireless assistance in the preparation of this monograph. The STCP staff would also like to acknowledge the dedication and perseverance of Lauren Zeise and Amy Dunn in developing this comprehensive report.

AUTHORS The original report was prepared by the Reproductive and Cancer Hazard Assessment Section (RCHAS) and the Air Toxicology and Epidemiology Section (ATES) within the Office of Environmental Health Hazard Assessment (OEHHA) of the California Environmental Protection Agency (Cal/EPA). Lauren Zeise was the project officer with overall responsibility for the contents of this report. Amy Dunn coordinated the development of the draft chapters and their revisions, the public workshops, and the finalization of the full report. James Donald played a key role in the

planning and development of Chapters 3, 4, and 5. Michael Lipsett, M.D., OEHHA, gave invaluable editorial assistance in the preparation of the Executive Summary and Chapter 1.

While OEHHA staff provided technical editing and incorporated reviewers' comments into each chapter to develop a comprehensive and consistent document, the following people were the primary authors:

Executive Summary

Lauren Zeise, Ph.D.
Chief
Reproductive and Cancer
Hazard Assessment Section
Office of Environmental
Health Hazard Assessment
Oakland, CA

Amy J. Dunn, M.P.H.
Research Scientist
Reproductive and Cancer
Hazard Assessment Section
Office of Environmental
Health Hazard Assessment
Oakland, CA

Chapter 1. Introduction

Lauren Zeise, Ph.D.
Chief
Reproductive and Cancer
Hazard Assessment Section
Office of Environmental
Health Hazard Assessment
Oakland, CA

Amy J. Dunn, M.P.H.
Research Scientist
Reproductive and Cancer
Hazard Assessment Section
Office of Environmental
Health Hazard Assessment
Oakland, CA

**Chapter 2. Exposure Measure-
ment and Prevalence**

Lynne Haroun, M.P.H.
Risk Analyst
Tetra-Tech Environmental
Management, Inc.
San Francisco, CA

Amy J. Dunn, M.P.H.
Research Scientist
Reproductive and Cancer
Hazard Assessment Section
Office of Environmental
Health Hazard Assessment
Oakland, CA

- David Ting, Ph.D., M.P.H.
Staff Toxicologist
Pesticide and Environmental
Toxicology Section
Office of Environmental
Hazard Assessment
Oakland, CA
- Chapter 3. Developmental
Toxicity I: Perinatal
Manifestations**
- Gayle Windham, Ph.D.
Acting Chief
Reproductive Epidemiology Section
Environmental Health
Investigations Branch
California Department of
Health Services
Oakland, CA
- Mari Golub, Ph.D., D.A.B.T.
Adjunct Professor of
Internal Medicine
University of California
Davis, CA
and Staff Toxicologist
Reproductive and Cancer
Hazard Assessment Section
Office of Environmental
Health Hazard Assessment
Sacramento, CA
- Chapter 4. Developmental
Toxicity II: Postnatal
Manifestations**
- Kirsten Waller, M.D., M.P.H.
Medical Epidemiologist
Reproductive Epidemiology Section
California Department of
Health Services
Oakland, CA
- Chapter 5. Reproductive Effects**
- Gayle Windham, Ph.D.
Acting Chief
Reproductive Epidemiology Section
Environmental Health
Investigations Branch
California Department of
Health Services
Oakland, CA

**Chapter 6. Respiratory
Health Effects**

Mari Golub, Ph.D., D.A.B.T.
Adjunct Professor of
Internal Medicine
University of California
Davis, CA
and Staff Toxicologist
Reproductive and Cancer
Hazard Assessment Section
Office of Environmental
Health Hazard Assessment
Sacramento, CA

Michael Lipsett, M.D.
Department of Epidemiology
and Biostatistics
University of California
San Francisco, CA
and Public Medical Health Officer
Air Toxicology and Epidemiology
Section
Office of Environmental Health
Hazard Assessment
Oakland, CA

Dennis Shusterman, M.D., M.P.H.
Associate Clinical Professor
of Medicine
Division of Occupational and
Environmental Medicine
University of California
San Francisco, CA

Jennifer Mann, M.P.H.
Environmental Epidemiology
Group
Community Health Epidemiology
and Disease Control
San Francisco Department of
Public Health
San Francisco, CA

**Chapter 7. Carcinogenic
Effects**

Anna Wu, Ph.D.
Professor in Preventive Medicine
Department of Preventive Medicine
University of Southern California
Los Angeles, CA

**Chapter 8. Cardiovascular
Effects**

Anna Wu, Ph.D.
Professor in Preventive Medicine
Department of Preventive Medicine
University of Southern California
Los Angeles, CA

CONTRIBUTORS AND REVIEWERS

The authors are grateful to the following people for help in the development of this report: Peggy Jenkins, Susan Lum and other staff of the Indoor Exposure Assessment Section, Research Division, Air Resources Board; staff of OEHHA and of the Division of Epidemiologic and Occupational Disease Control of California Department of Health Services, for review of preliminary drafts; Mary Ann Mahoney of the Occupational and Environmental Health Library; William Lockett, Peter Mathews and Bruce Oulrey in the Ombudsman's Office, and Robert Krieger and other staff in the Toxic Air Contaminants Section of the Air Resources Board for guidance and assistance throughout the many phases of report development. In addition to the editors and primary authors, the following OEHHA staff contributed text to the document: Marlissa Campbell, Gerald Chernoff (now with the Department of Toxic Substances Control), James Donald, and James Morgan.

The final Cal/EPA document was preceded by a final draft and by earlier external review drafts of each topic area which were released for public review and comment. The authors wish to thank those who sought to improve the quality of this report with their comments, and are particularly grateful to the members of the Scientific Review Panel, especially the leads on ETS, Craig Byus, Gary Friedman and Stanton Glantz, as well as former panel member Charles Becker, all of whom provided guidance and detailed suggestions. Special thanks to Jennifer Jinot and Steven Bayard of U.S. EPA, and Ira Tager, Kathy Hammond, Neil Benowitz, John Balmes, and John Pierce. Thanks also go to James Collins, John Faust, Jeff Fowles, Andrew Salmon, Martha Sandy, and David Ting for assistance with the response to public comments.

FURTHER ACKNOWLEDGEMENTS

The authors and editors would like to acknowledge the assistance of several people: Maria Patricia Aguilar, Julie Christiansen, Susan Davis, Eydie Duggan, Kathy Elliott, Michael MacIntosh, Laurie Monserrat, Susan Royo, and Joyce Smylie.

Finally, the editors and STCP staff members would also like to acknowledge the contribution of the following individuals who provided technical and editorial assistance in the preparation of this monograph.

KBM Group, Inc., Silver Spring, MD

Richard H. Amacher, Project Director

Brian E. Steyskal, Editor/Graphic Designer

Cynthia M. DeLano, Copy Editor/Proofreader

Shelia Russel McCullers, Copy Editor/Proofreader

