

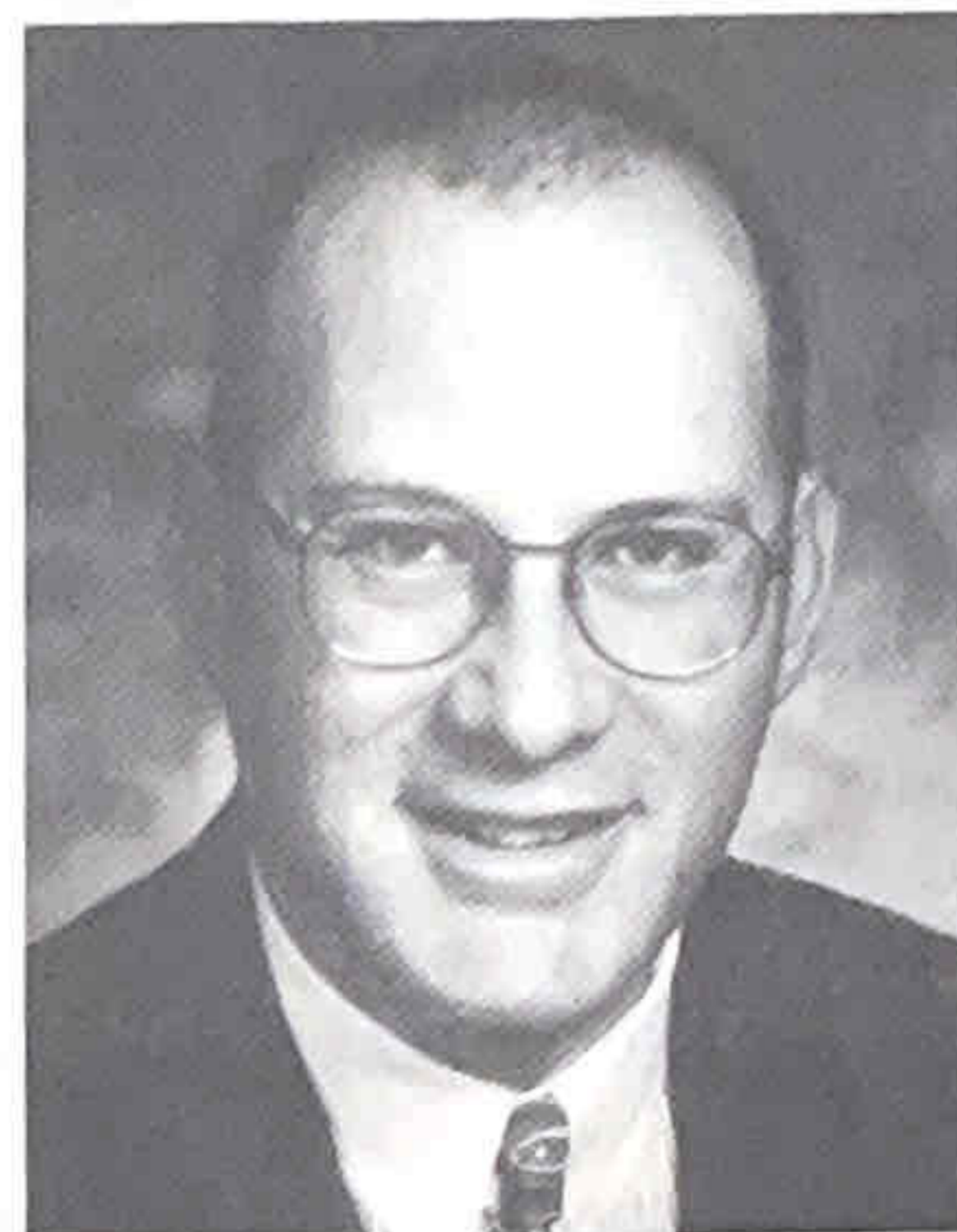


## BOARD OF DIRECTORS: 1998-2000

### BALLOT

#### **ARNDT, Mark W. - Mesa, AZ**

Mr. Arndt is President of Transportation Safety Technologies, Inc., a consulting and research company in the evaluation and design of motor vehicle crashworthiness systems, especially vehicle fuel containment systems, motor vehicle fire cause and origin, occupant protection systems and motor vehicle handling and stability testing and evaluation. Mr. Arndt received his B.S. degree in Mechanical Engineering from Arizona State University (1986). He is a member of the Society of Automotive Engineers and its Fuel Containment Standards Committee and has participated in the development of several SAE standards and technical reports related to fuel system integrity. He also serves on SAE's Motorcycle Committee. Mr. Arndt was the principal motivator for the AAAM's new course (April 1997) on crash investigation developed for a multidisciplinary audience. He has also served on the Membership and Credentials Committee (1991-94). He is also a member of the American Society of Mechanical Engineers, Southwestern Association of Technical Accident Investigators and National Association of Professional Accident Reconstruction Specialists.

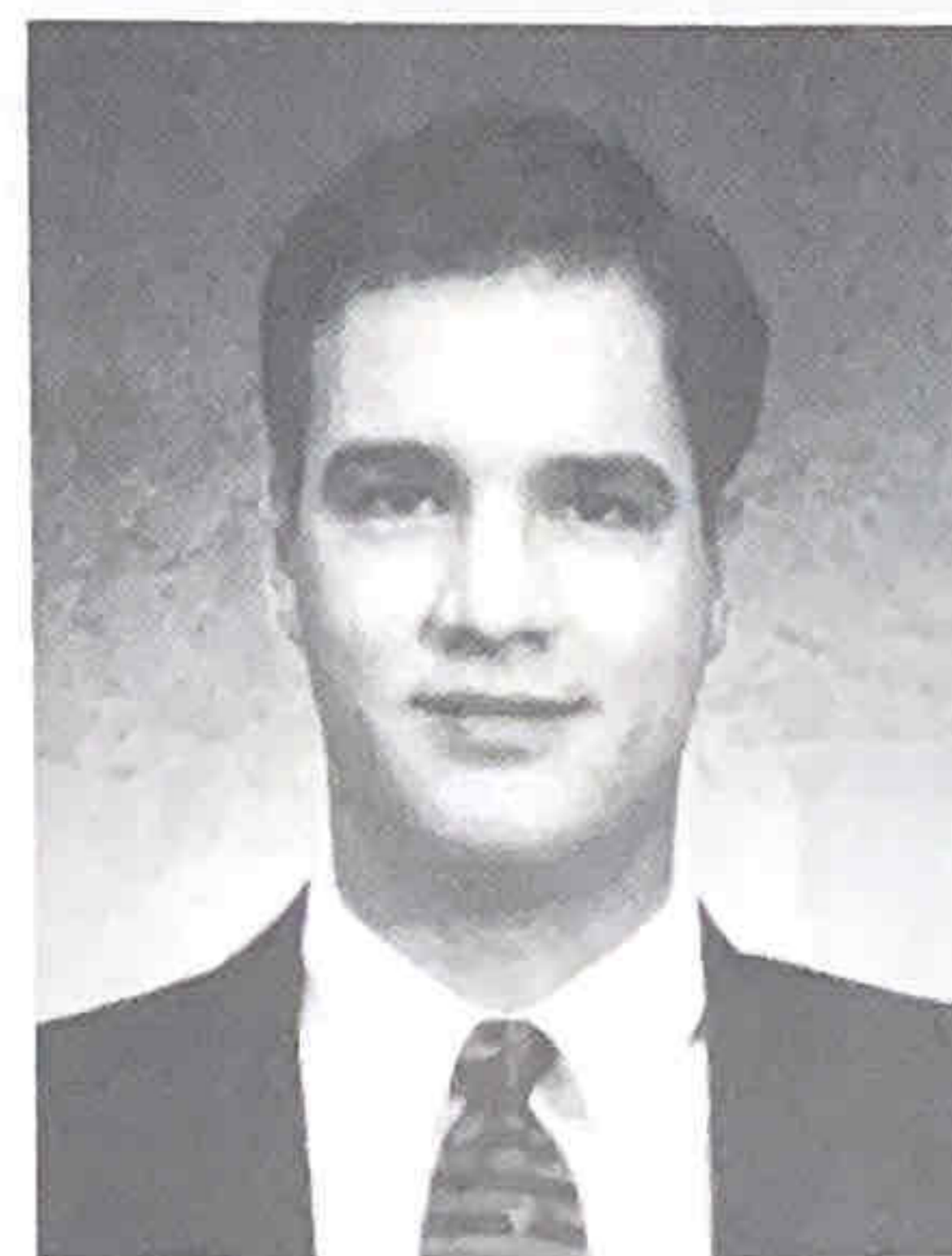


#### **COSTANZO, Andrea, M.D. - Rome, Italy**

Dr. Costanzo is Associate Professor of Orthopaedics and Traumatology at Rome University "La Sapienza" where he also teaches about road trauma. He is director of a specialized course on road traumatology in the Department of Medicine and Surgery, sponsored by ACI (insurance group) and SOC.I.TRA.S (Italian Society for Road Traumatology) of which he is President. He is a member of the International Road Safety Committee of the World Road Congress. Dr. Costanzo has been coordinator of the Medical Sector for Road Safety of the Automobile Club d'Italia for 10 years. He has consulted with several car manufacturers on the design of vehicle seats and the driver's compartment to prevent vertebral injuries and to provide better ergonomics as one dimension to safe driving. He has authored over 150 scientific publications on orthopaedic injuries, ergonomics and biomechanics. Currently, Dr. Costanzo is participating in an effort to promote the use of the AIS and its training materials in Italy, and has assisted in an Italian translation of the AAAM video "Traffic Injury: The Medicine-Engineering Link."

#### **CRANDALL, Jeff R. - Charlottesville, VA**

Jeff R. Crandall is a Research Assistant Professor in the Department of Mechanical, Aerospace and Nuclear Engineering at the University of Virginia and serves as the Director of Research for the University's Automobile Safety Laboratory. Dr. Crandall received his B.A. in Engineering Sciences from Dartmouth College and his Masters and Ph.D. degrees in Mechanical Engineering from the University of Virginia. In addition to AAAM, he is a member of the Society of Automotive Engineers, the American Society of Biomechanics and the Motor Vehicle Safety Research Advisory Committee Crashworthiness Subcommittee. His current involvement within AAAM includes Vice Chairman, Scientific Program Committee, lecturer at specialized courses on the Biomechanics of Impact and member of the Pedestrian Task Group. He has authored more than 60 technical papers on automobile safety and has received numerous awards including the System Safety Society Scientific Merit Award, SAE Oral Presentation Award, AAAM Best Paper Award, and the Arnold W. Siegel Award for Outstanding Stapp Paper. He is an Associate Editor for the recently developed journal, Crash Prevention and Control. His research interests include mechanisms of lower extremity injury in automobile crashes, airbag induced injuries and advanced restraint systems.







**GARTHE, Elizabeth A., MHS - Marblehead, MA**

Ms. Garthe has over 15 years experience as a health care advisor six years at a major accounting firm and the remainder as an independent consultant, providing expertise in the use and analysis of large health care and injury databases to a variety of private and public sector organizations. Areas of specialization include injury severity scaling using the AIS, ISS, National Automotive Sampling System/Crashworthiness Data System (NASS/CDS), Fatality Analysis Reporting System (FARS) and hospital databases. Ms. Garthe received her bachelor's degree in biology and social welfare which provided experience in a variety of medical settings including being part of an ambulance squad and working in a hospital emergency department. Her MHS degree is from Johns Hopkins University in Health Planning and Administration. She is a member of SAE, American Health Information Management Association and American Trauma Society. In AAAM, she has been a faculty member for injury scaling courses and involved in

developing the training materials for future course instructors. In 1981, she received the John D. States Student Award for her paper on conversion of ICD injury rubrics to AIS scores, and since then has coauthored a number of papers on injury severity scoring. She has also developed and taught a course on Current Issues in Using Crash Injury Data for the SAE.

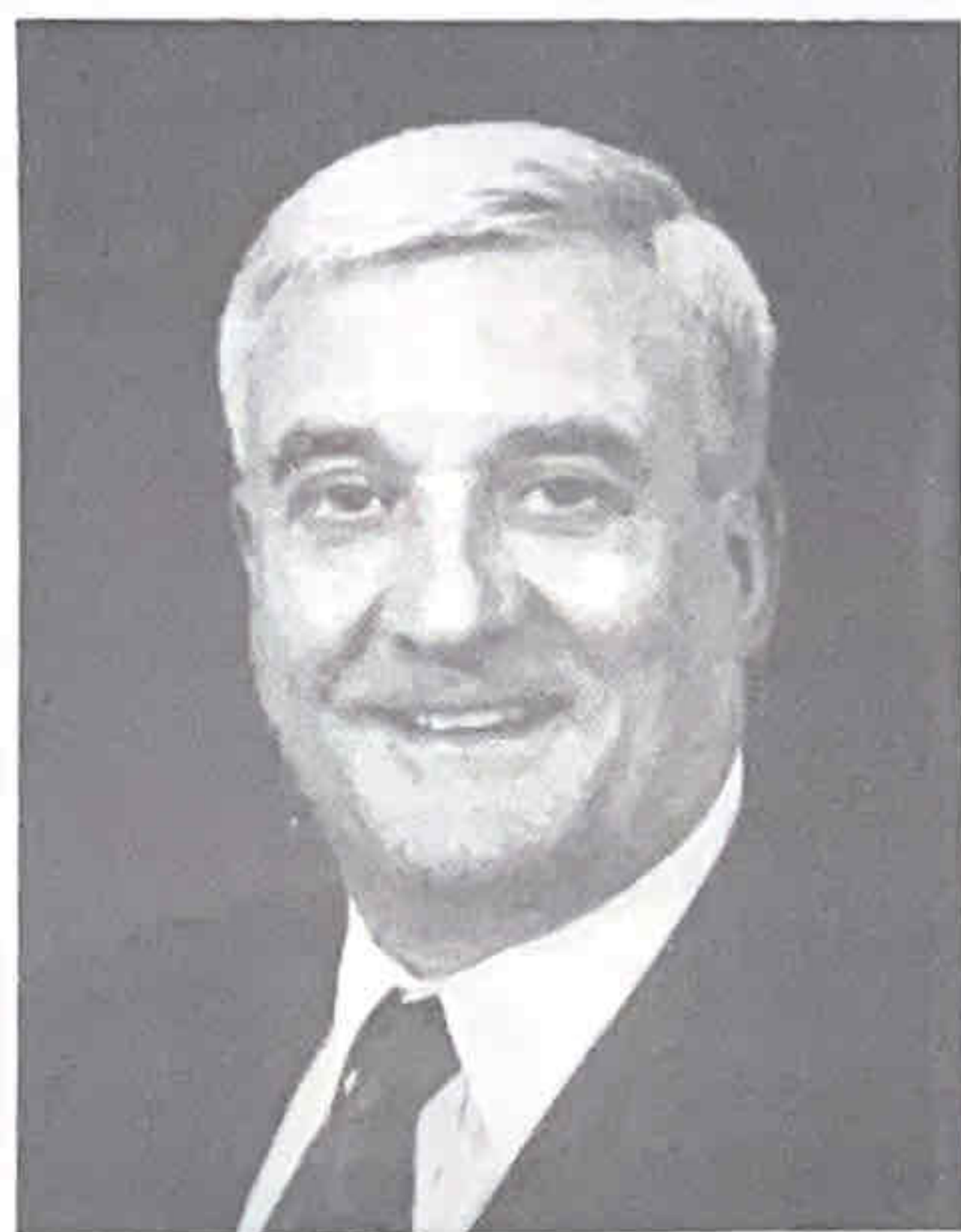
**LANE, Peter L., M.D. - Baltimore, MD**

Dr. Lane is Chairman, Department of Emergency Medicine, Johns Hopkins Bayview Medical Center; Vice Chairman, Department of Emergency Medicine, Johns Hopkins (JHU) School of Medicine; Associate Professor, Department of Emergency Medicine, JHU School of Hygiene and Public Health, Department of Health Policy and Management since 1996. Previously he was Medical Director, Trauma Services, London (ONT) Health Sciences Centre, Canada. Dr. Lane received his medical degree from Queen's University, Kingston, ONT (1976). He is a provider and instructor of the Advanced Trauma Life Support program. He is a founding member of the Trauma Association of Canada (President 1988-89) and the Canadian Association of Emergency Physicians (President 1983-84). Other professional activities: Royal College of Physicians and Surgeons of Canada (Fellow); British Association of Accident and Emergency Medicine (Lifetime Honorary Member); Canadian Association of Road Safety Professionals among others. He has served as project leader for study projects in five countries to recommend trauma system/EMS development. Dr. Lane is a AAAM Fellow (1992); Chairman, Education Advisory Group; former Director (1992-94, 1995-96), Membership and Credentials Committee (1991-96), Secretary (1993).



**MEISSNER, Uwe - Katonah, NJ**

Mr. Meissner is Product Analysis Manager for Volkswagen of America, Inc. since 1981. He has held various engineering positions at VVoA since 1969. His areas of specialization include vehicle crashworthiness design, crash investigation and reconstruction, occupant kinematics and biomechanics. Mr. Meissner received his bachelor and master's degrees in Mechanical Engineering from the Technical University of Aachen, Germany. He is a member of the Society of Automotive Engineers, the International Association of Accident and Traffic Medicine and the Verein Deutscher Ingenieure (Association of German Engineers). Mr. Meissner has participated regularly in the AAAM annual conference, and has attended both the impact biomechanics and injury scaling courses as well as the special seminar on Children in Traffic (1995). He and his coauthors received the AAAM's best paper award in 1994 for children in restraints.







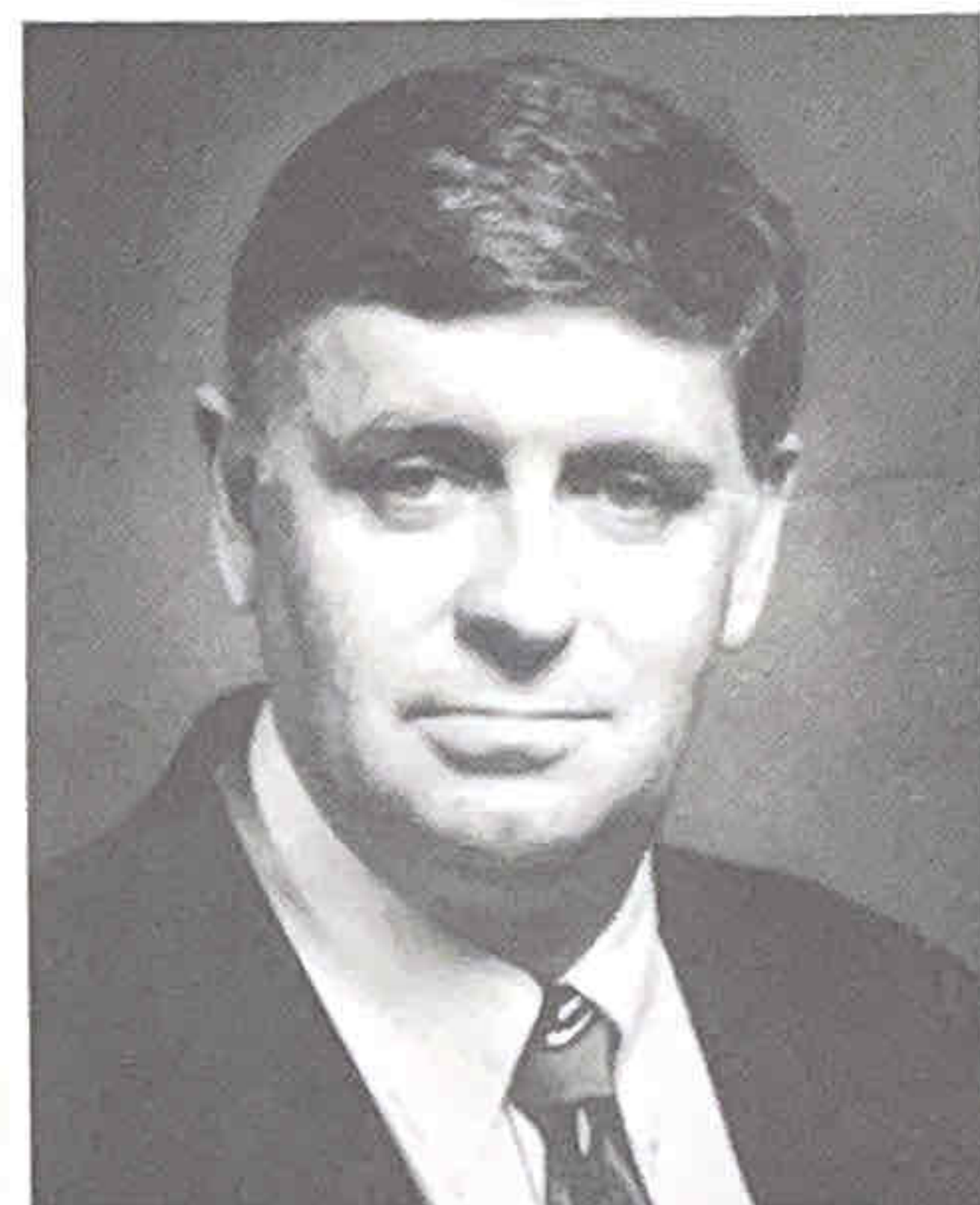
**MOCK, Charles N., M.D., Ph.D. - Seattle, WA**

Dr. Mock is Assistant Professor of Surgery University of Washington School of Medicine with a joint appointment in the Department of Epidemiology; he is attending surgeon (Board certified) at Harborview Medical Center. He is also Visiting Senior Lecturer in Surgery, University of Science and Technology, Kumasi, Ghana. Dr. Mock earned his M.D. degree at Brown University (1980) and his Ph.D. from the University of Washington School of Public Health (1997). His area of specialization is international health. Dr. Mock has received several awards including a Fulbright scholarship, and the AAST John H. Davis (1997-98) and Davis & Geck (1995-96) Research Scholarships. He also is certified as a specialist in surgery by the Ghana Medical and Dental Council. His professional organization memberships include: American College of Surgeons (Fellow), APHA Injury Control and EMS Section, American Association

for the Surgery of Trauma, Ghana Medical Society, among others. Dr. Mock's current research interest is in transportation injury epidemiology, economic costs and utilization of health care services in developing countries. He is guest editor for a special issue of Trauma Quarterly on "International Approaches to Trauma Care."

**PACK, Allan I., M.B., Ch.B., Ph.D. - Philadelphia, PA**

Dr. Pack is Director, Center for Sleep and Respiratory Neurobiology, University of Pennsylvania Medical Center. In addition, he holds several faculty appointments at Penn, including Professor of Medicine, Pulmonary and Critical Care Division; Professor of Medicine in Psychiatry; Professor of Medicine in Neurology; Research Fellow, Center for Advancing Care in Serious Illness. Dr. Pack earned both doctorate degrees (1967, 1976) at the University of Glasgow, and is Board certified (MRCP in UK equivalent) in Internal Medicine. He affiliated with Penn U. in 1976. He served as Medical Director, National Sleep Foundation between 1994-96. He is a member of the American Association for Advancement of Science, American Sleep Disorders Association, American Society for Clinical Investigation and Society for Neurosciences among others. He serves on the Editorial Board of the American Journal of Respiratory and Critical Care Medicine and Sleep Medicine Review as well as a reviewer for other technical journals. His particular area of interest is in the role of sleep disorders and fatigue on road crashes with over 100 peer reviewed articles and book chapters on this and respiratory topics, and will chair AAAM's task group on drowsy drivers.



**SMITH, Harry L., Ph.D., M.D. - San Antonio, TX**

Dr. Smith is a Director and Principal Consultant, Biodynamic Research Corporation. He is also Clinical Assistant Professor, University of Texas Health Science Center, and Staff Physician, Audie Murphy VA Medical Center. He is Board certified in both radiology and nuclear medicine. He is also a consulting radiologist for two clinical laboratories. Dr. Smith received his B.S. and M.S. degrees from Michigan State University (1966), a Ph.D. in nuclear engineering from Texas A&M U. (1970) and an M.D. from the University of Texas (1978). Dr. Smith is a member of numerous professional organizations including American College of Radiology, American College of Nuclear Physicians, American College of Emergency Physicians, Society of Automotive Engineers, Society of U.S. Army Flight Surgeons, among others. His publications address nuclear medicine topics, biomechanics and injury causation, concepts of restraint systems and head/neck injury mechanisms. In AAAM, Dr. Smith serves on the Scientific Program Committee.

