COMMONWEALTH: SPECIAL EMERGENCY MANAGEMENT ISSUE -VOL. 15, NO. 1, MAY 2009

COMMONWEALTH

A JOURNAL OF POLITICAL SCIENCE

SPECIAL POLICY ISSUE: EMERGENCY MANAGEMENT IN PENNSYLVANIA: SELECTED ISSUES

VOL. 15, NO. 1, MAY 2009

PUBLISHED Jointly by

The Pennsylvania Political Science Association AND The Legislative Office for Research Liaison Pennsylvania House of Representatives



The Pennsylvania Political Science Association (PPSA) was founded in 1939 to further scholarship within the discipline. The Legislative Office for Research Liaison (LORL) was founded in 1976 by the Pennsylvania House of Representatives to provide research linkage to the academic community.

© Copyright 2009 by the Pennsylvania Political Science Association and the Legislative Office for Research Liaison, Pennsylvania House of Representatives ISSN 0890-2410. Printed by the Pennsylvania House of Representatives with assistance from the Democratic and Republican caucuses. Copyright on volumes published prior to 2007 are held by the Pennsylvania Political Science Association.

Back issues of *COMMONWEALTH* and the *SPEAKER's JOURNAL* are available online at: www.house.state.pa.us/CJPs

COMMONWEALTH: A Journal of Political Science

SPECIAL POLICY ISSUE

"Emergency Management in Pennsylvania: Selected Issues"

Special Issue Editor:

Beverly A. Cigler Penn State Harrisburg

Associate Editor for Policy Issues:

Michael R. King Legislative Office for Research Liaison

Copy Editor:

Barbara C. Stone Legislative Office for Research Liaison

COMMONWEALTH: A Journal of Political Science

EDITOR IN CHIEF:	Gerard J. Fitzpatrick, Ursinus College
ASSOCIATE EDITORS:	Thomas J. Baldino, Wilkes University Donald G. Tannenbaum, Gettysburg College Michael R. King, Legislative Office for Research Liaison, Pennsylvania House of Representatives
BOOK REVIEW EDITOR:	Thomas J. Baldino, Wilkes University
MANAGING EDITOR:	Michael E. Cassidy, Office of the Democratic Caucus Chair, Pennsylvania House of Representatives

EDITORIAL REVIEW BOARD

Aryeh Botwinick Temple University

M. Margaret Conway University of Florida

Roger H. Davidson University of Maryland

Jean B. Elshtain University of Chicago

Richard F. Fenno University of Rochester

Marianne Githens Goucher College

Susan W. Hammond American University

Samuel Krislov University of Minnesota

G. Calvin Mackenzie Colby College Michael J. Malbin State University of NY, Albany

> Harvey C. Mansfield, Jr. Harvard University

> > Kenneth F. Mott Gettysburg College

Craig N. Murphy Wellesley College

Steven A. Peterson The Pennsylvania State University

Mark P. Petracca University of California, Irvine

> H. Mark Roelofs New York University

> > Bruce M. Russett Yale University

J. David Singer University of Michigan

PENNSYLVANIA POLITICAL SCIENCE ASSOCIATION Officers and Executive Council 2008-09

PRESIDENT Paula Holoviak Kutztown University

FIRST VICE PRESIDENT Stanley Berard Lock Haven University SECOND VICE PRESIDENT Brooke Harlowe Lock Haven University

SECRETARY & WEBMASTER Fran Moran New Jersey City University

EXECUTIVE COUNCIL

2007-2010 Term

2008-2011 Term

Joseph Rish King's College

TREASURER

Thomas Brogan

Albright College

Kyle Kreider Wilkes University

Steven Peterson Penn State - Harrisburg

EX OFFICIO MEMBERS

PAST PRESIDENT Joseph Melusky St. Francis University

PAST PRESIDENT Thomas J. Baldino Wilkes University

EDITORIAL STAFF OF

COMMONWEALTH: A JOURNAL OF POLITICAL SCIENCE

EDITOR-IN-CHIEF Gerard J. Fitzpatrick Ursinus College

ASSOCIATE EDITOR & BOOK REVIEW EDITOR Thomas J. Baldino Wilkes University

ASSOCIATE EDITOR FOR POLITICAL THEORY **Donald G. Tannenbaum** Gettysburg College ASSOCIATE EDITOR & SPECIAL ISSUE EDITOR Michael R. King LORL, PA House of Representatives

MANAGING EDITOR Michael Cassidy Office of the Democratic Caucus Chair PA House of Representatives

2009-2012 Term

Michael Dillon

LaSalle University

Joseph Melusky St. Francis University

Pennsylvania

John Kennedy West Chester University of

LEGISLATIVE OFFICE FOR RESEARCH LIAISON (LORL)

Pennsylvania House of Representatives, Harrisburg, PA 17120-2218

Hon. Keith R. McCall

The Speaker of the House of Representatives

Hon. Todd Eachus The Majority Leader

Hon. H. William DeWeese The Majority Whip Hon. Samuel H. Smith The Minority Leader

> Hon. Mike Turzai The Minority Whip

2009 - 2010 LEGISLATIVE COMMITTEE FOR RESEARCH LIAISON (LCRL)

Hon. James R. Roebuck, Jr. LORL Committee Chair

Hon. H. Scott Conklin

Hon. Stephen P. Samuelson

Dr. Richard DiEugenio

Special Assistant to the President for Governmental Affairs The Pennsylvania State University Hon. Samuel H. Smith Republican Leader

Hon. Kate Harper

Hon. Matt Gabler

Dr. James Moran III Vice Chancellor for Academic and Student Affairs PA State System of Higher Education

2009 - 2010 UNIVERSITY COMMITTEE FOR RESEARCH LIAISON (UCRL)

Dr. Richard L. Rosen Associate Professor of History and Politics Drexel University

Dr. Grant D. Venerable, II Vice President for Academic Affairs Lincoln University

Dr. Richard DiEugenio

Special Assistant to the President for Governmental Affairs The Pennsylvania State University

Dr. Michael G. Hagan Director, Institute for Public Affairs Temple University

Dr. Michael R. King LORL Executive Director **Dr. George E. Klinzing** Vice Provost for Research University of Pittsburgh

Dr. Kathleen Howley

Assistant Vice Chancellor for Academic and Student Affairs PA State System of Higher Education

> Mr. Ronald Uroda Vice President for Research AICUP

Dr. Andrew Rudczynski Associate Vice President of Finance and Executive Director of Research Services University of Pennsylvania

Contents

Volume 15, Number 1 May 2009
About the Authors
Preface by Michael R. King viii
Emergency Management: Selected Policy Issues
Beverly A. Cigler, PhD, Penn State Harrisburg
Utilization of Private Resources to Supplement Government Resources in Case of Emergency
Christopher J. Moran, BA, MPIA, University of Pittsburgh
Regional Response to All-Hazards Events: A Commonwealth Perspective
Gregory G. Noll, CSP, CHMM, South Central Task Force Program Manager
Managing Risk in Real Time: Integrating Information Technology into Disaster Risk Reduction and Response
Louise K. Comfort, PhD; Daniel Mosse, PhD; Taieb Znati, PhD; University of Pittsburgh
Joint Readiness Center – Pittsburgh: A Model of Military-Civilian Readiness and Response
George A. Huber, Esq.; David R. Campbell, RN, MS, NHA; Keith G. Dorman; Leigh A. McIntosh, CEcD; Joint Readiness Center – Pittsburgh Task Force
Residency Requirements for First Responders
Karen Finkenbinder, PhD Candidate, Penn State Harrisburg
<i>The State Role in Emergency Management: Significant</i> <i>Challenges</i>
Beverly A. Cigler, PhD, Penn State Harrisburg

About the Authors

David R. Campbell, RN, MS, NHA, is Executive Director at Laurelbrooke Landing, a continuing care retirement community, in Brookville, Pennsylvania. Campbell holds his diploma in nursing from Sewickley Valley Hospital, a BS in Health Services from Point Park University, and a MS in Health Services Administration from the University of St. Francis in Illinois.

Beverly A. Cigler, PhD, is a Professor of Public Policy and Administration at Penn State Harrisburg. She is a Fellow of the National Academy of Public Administration and has published widely on intergovernmental relations, fiscal issues, alternative service delivery, governance, and emergency management.

Louise K. Comfort, PhD, is Professor of Public and Urban Affairs at the University of Pittsburgh. She is principal investigator of the National Science Foundation project, Designing Resilience for Communities at Risk.

Keith G. Dorman is Director, Public Affairs for Burson-Marstellar, LLC (Burson), working with the firm's Pittsburgh office counseling clients on a wide range of communications and public policy initiatives. Dorman, a native of Pittsburgh, earned a BS degree at the Georgetown University School of Foreign Service in Washington, DC.

Karen J. Finkenbinder is a former sergeant with the Carlisle Police Department and is retired from the U.S. Army Reserves. She has an MPA and is currently finishing her dissertation for her PhD in Public Administration at Penn State – Harrisburg.

George A. Huber, Esq., is a Professor of Public Health Practice and Associate Dean for Public Policy at the University of Pittsburgh Graduate School of Public Health, Of Counsel to the Office of the University counsel, and a consultant to the law firm of Buchanan, Ingersoll and Rooney. Huber has a BS from the United States Naval Academy, an MSIE from the University of Pittsburgh, an MSSM from the University of Southern California, and a JD from the Duquesne University School of Law.

Leigh A. McIntosh, CEcD, is Senior Vice President of Special Projects and Executive Director of the Joint Readiness Center – Pittsburgh Task Force, with the Allegheny Conference on Community Development. Leigh received her BS degree in Public Administration from The Pennsylvania State University and an MBA in management from Eastern University, and is a certified economic development practitioner through the International Economic Development Council.

Christopher J. Moran, BA, MPIA, received his undergraduate degree in Anthropology from Indiana, University of Pennsylvania. He went on to receive a Master of Public and International Affairs degree in Security and Intelligence Studies and is certified in Public Health Preparedness and Disaster Response through the University of Pittsburgh. Chris served as a Seabee in the United States Navy. He currently works as a Planner for the PA Region 13 Task Force.

Daniel Mosse, PhD, is a Professor of Computer Science at the University of Pittsburgh. He is co-principal investigator for the NSF project, Designing Resilience for Communities at Risk.

Gregory G. Noll, CSP, CHMM, is Program Manager for the South Central (PA) Regional Task Force and Hazardous Materials/WMD Manager for PA Task Force-1 Federal Urban Search and Rescue Team. Greg is the co-author of nine textbooks on hazardous materials emergency response and management topics, and received an MPA from Iowa State University.

Taieb Znati, PhD, is a Professor of Computer Science at the University of Pittsburgh. He is co-principal investigator for the NSF project, Designing Resilience for Communities at Risk.

PREFACE

"Emergency Management in Pennsylvania: Selected Issues" is the second in a series of policy issues of *COMMONWEALTH*. It is the result of the partnership between the Pennsylvania Political Science Association and the Legislative Office for Research Liaison of the Pennsylvania House of Representatives (LORL). In this partnership, LORL has been given responsibility for developing policy issues of *COMMONWEALTH* using the expertise of faculty members at the more than 100 colleges and universities affiliated with LORL and experts from government and private industry.

We wish to offer our heartfelt thanks to Dr. Beverly Cigler, Professor of Public Policy and Administration in the School of Public Affairs at Penn State Harrisburg, who served as the editor of this issue. Her previous service to the state executive and legislature includes a two-year stint as a LORL Visiting Scholar and assistance with many LORL legislative inquiries and projects. Dr. Cigler is a Fellow of the National Academy of Public Administration and presently serves as a Pennsylvania State University Faculty Associate in LORL.

The authors of the articles in this Symposium were drawn from the academic, practitioner and consultive communities in emergency management, public health, public administration and related fields. Because this is a policy issue, the authors were asked to go beyond their basic findings and to offer policy recommendations derived from their research. These conclusions and recommendations belong to the authors alone and do not necessarily reflect the position, if any, of the editor of the volume, the Pennsylvania Political Science Association, the Legislative Office for Research Liaison or the Pennsylvania House of Representatives.

Special thanks are due to Barbara Stone, LORL Research Analyst/Copy Editor, who did the proofreading and layout work for this volume, and to the staff of the House Democratic Legislative Publications Office who so ably handled the production and printing.

Michael R. King, PhD

Associate Editor for Policy Issues And Executive Director, LORL