



# NEW SOLUTIONS

A Journal of Environmental and Occupational Health Policy

Craig Slatin, Editor

NIEHS Partnerships for Environmental Public Health Webminar

December 14, 2015

# The Journal



- New Solutions: A Journal of Environmental and Occupational Health Policy
  - Published quarterly by SAGE Publications
  - Subscription-based, not open access
  - Available online at [new.sagepub.com](http://new.sagepub.com)
  - Peer Reviewed
  - A research journal
  - A movement journal
  - Addressing the politics of policies
  - US based, with international scope
  - Indexed in Medline/PubMed and other services



# NEW SOLUTIONS

A Journal of Environmental and Occupational Health Policy

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## NEW SOLUTIONS: A Journal of Environmental and Occupational Health Policy

*New Solutions (NEW)* is a peer-reviewed journal that explores the growing, changing common ground at the intersection of health, work, and the environment. The journal makes plain how the issues in each area are interrelated and sets forth progressive, thoughtfully crafted public policy choices. It seeks a conversation on the issues between the grassroots labor and environmental activists and the professionals involved in charting society's way forward with the understanding that lack of scientific knowledge is no excuse for doing nothing and that inaction is itself a choice.

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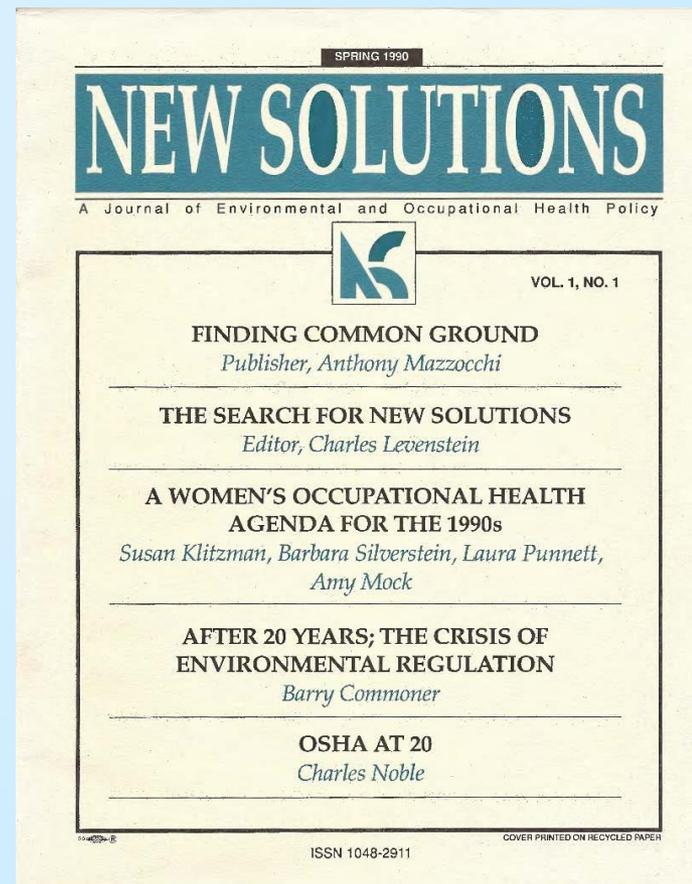
FEEDBACK

Most Read | Most Cited

Health Impact Assessments,

# History

- Started in 1990 and published by the Alice Hamilton Library of the Oil, Chemical and Atomic Workers International Union (OCAW).
- Its original publisher was Tony Mazzocchi, then vice president of OCAW
- Its editor till 2007 was Dr. Charles Levenstein, of the Department of Work Environment, University of Massachusetts Lowell.
- 1998 – new publisher - Baywood Publishing Company, Inc.
- 2015 – publication was moved to SAGE



# Why it Started



- Journal's Purpose
  - To help working people escape the cruel choice of
    - Jobs v. Health v. Environment
    - “We can't go on forever always putting off until tomorrow the necessary task of cleaning up the mess we make today
- “A bridge between
  - Scientists and Community Leaders...
  - public health professionals and labor activists...(and)
  - people affected by a problem and those whose job it is to study and resolve it.”

# Articles



- Page limit: Generally 15 – 20 double-spaced pages before references.
  - Will agree to more pages when needed for adequate discussion of the work.
- Print version has gray scale images only (color charts, graphs, figures, tables, photos must use colors that will show differentiation when printed in gray scale)
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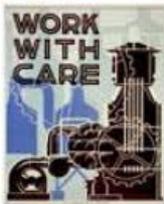
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# NEW SOLUTIONS: A Journal of Environmental and Occupational Health Policy

Editor [Craig Slatin](#) Massachusetts, USA

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This Journal recommends that authors follow the [Uniform Requirements for Manuscripts Submitted to Biomedical Journals](#) formulated by the International Committee of Medical Journal Editors (ICMJE).

Please read the guidelines below then visit the Journal's submission site <https://mc.manuscriptcentral.com/new> to upload your manuscript. Please note that manuscripts not conforming to these guidelines may be returned.

Only manuscripts of sufficient quality that meet the aims and scope of *New Solutions: A Journal of Environmental and Occupational Health Policy* will be reviewed.

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# Types of Articles

- Comment and Controversy –
- Feature articles –
- Scientific Solutions –



*Scientific Solutions*

## Perfluorinated Alkyl Substances: Emerging Insights Into Health Risks

Philippe Grandjean<sup>1</sup> and Richard Clapp<sup>2</sup>

NEW SOLUTIONS: A Journal of Environmental and Occupational Health Policy  
2015, Vol. 25(2) 147–163  
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DOI: 10.1177/1048291115590506  
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### Abstract

Perfluorinated alkyl substances have been in use for over sixty years. These highly stable substances were at first thought to be virtually inert and of low toxicity. Toxicity information slowly emerged on perfluorooctanoic acid and perfluorooctane sulfonate. More than thirty years ago, early studies reported immunotoxicity and carcinogenicity effects. The substances were discovered in blood samples from exposed workers, then in the general population and in community water supplies near U.S. manufacturing plants. Only recently has research publication on perfluorooctanoic acid and perfluorooctane sulfonate intensified. While the toxicology database is still far from complete, carcinogenicity and immunotoxicity now appear to be

*Scientific Solutions*

## iWITNESS POLLUTION MAP: CROWDSOURCING PETROCHEMICAL ACCIDENT RESEARCH

RISHA BERA  
ANNA HRYBYK

### ABSTRACT

Community members living near any one of Louisiana's 160 chemical plants or refineries have always said that accidents occurring in these petrochemical facilities significantly impact their health and safety. This article reviews the iWitness Pollution Map tool and Rapid Response Team (RRT) approach led by the Louisiana Bucket Brigade, an environmental nonprofit group,

Volume 23 Number 3—2013

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Action For Environmental Justice

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Louisiana Bucket Brigade

Baywood Publishing Company, Inc.

# Scientific Solutions



## *Scientific Solutions*

### **INVESTIGATING LINKS BETWEEN SHALE GAS DEVELOPMENT AND HEALTH IMPACTS THROUGH A COMMUNITY SURVEY PROJECT IN PENNSYLVANIA**

**NADIA STEINZOR  
WILMA SUBRA  
LISA SUMI**

#### **ABSTRACT**

Across the United States, the race for new energy sources is picking up speed and reaching more places, with natural gas in the lead. While the toxic and polluting qualities of substances used and produced in shale gas development and the general health effects of exposure are well established, scientific evidence of causal links has been limited, creating an urgent need to understand health impacts. Self-reported survey research documenting the symptoms experienced by people living in proximity to gas facilities, coupled with environmental testing, can elucidate plausible links that warrant both response and further investigation. This method, recently applied to the gas development areas of Pennsylvania, indicates the need for a range of policy and research efforts to safeguard public health.



## *Scientific Solutions*

### **CHEMICAL EXPOSURES OF WOMEN WORKERS IN THE PLASTICS INDUSTRY WITH PARTICULAR REFERENCE TO BREAST CANCER AND REPRODUCTIVE HAZARDS\***

**ROBERT DEMATTEO**

**MARGARET M. KEITH**

**JAMES T. BROPHY**

**ANNE WORDSWORTH**

**ANDREW E. WATTERSON**

**MATTHIAS BECK**

**ANNE ROCHON FORD**

**MICHAEL GILBERTSON**

**JYOTI PHARITYAL**

**MAGALI ROTHAM**

**DAYNA NADINE SCOTT**

#### **ABSTRACT**

Despite concern about the harmful effects of substances contained in various plastic consumer products, little attention has focused on the more heavily exposed women working in the plastics industry. Through a review of the toxicology, industrial hygiene, and epidemiology literatures in conjunction with qualitative research, this article explores occupational exposures in producing plastics and health risks to workers, particularly women, who make up a large part of the workforce. The review demonstrates that workers are exposed to chemicals that have been identified as mammary carcinogens and endocrine disrupting chemicals, and that the work environment is heavily

# Movement Solutions

*Movement Solutions – Building New Coalitions*

## CIVIL SOCIETY ACTIONS FOR A TOXICS-FREE FUTURE

JOE DIGANGI

### ABSTRACT

Participation of civil society in efforts to protect public health and the environment from chemical exposure is often undertaken in the context of major multilateral environmental agreements, especially in developing and transition countries. However, often there is confusion about what these agreements mean in practice and how civil society actually effectively contributes to their implementation. This paper will explore how public interest nongovernmental organizations (NGOs) and civil society organizations in developing and transition countries have shaped and used multilateral environmental agreements to advance chemical safety issues nationally and how, in turn, these multilateral agreements have shaped NGO

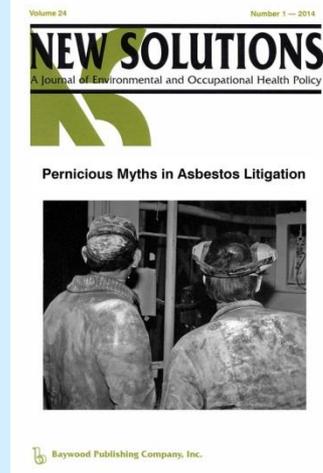
*Movement Solutions*

## NAVIGATING MEDICAL ISSUES IN SHALE TERRITORY

POUNÉ SABERI

### ABSTRACT

The introduction of natural gas drilling with high-volume hydraulic fracturing to Pennsylvania and neighboring states since 2004 has been accompanied by numerous reports of varied symptoms and illnesses by those living near these operations. Pollutants with established toxic effects in humans may be introduced into the environment at various points during gas extraction and processing. Some community residents, as well as employees of the natural gas industry, believe that their health has deteriorated as a result of these operations and have sought medical care from local practitioners, who may have limited access to immediate toxicological consultations. This article reviews taking an environmental exposure history in the context of natural gas activities, underscoring the importance of thorough and guided



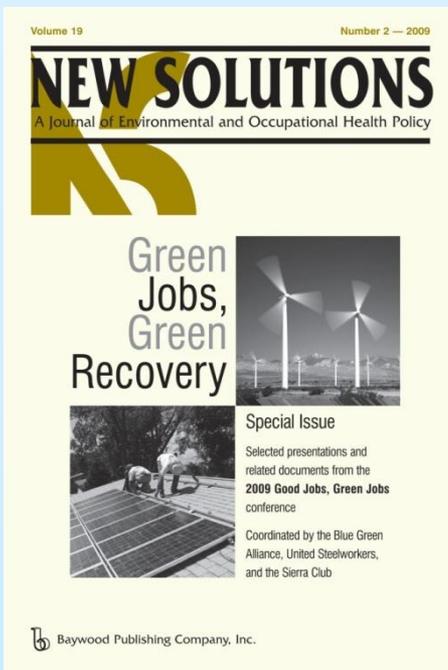
*Movement Solutions*

## BAN ASBESTOS PHENOMENON: THE WINDS OF CHANGE

Laurie Kazan-Allen

### ABSTRACT

The shift in the public perception of asbestos from “magic mineral” to “deadly dust” owes much to the mobilization by asbestos victims, ban-asbestos activists, health and safety campaigners, and individuals concerned about the global asbestos death toll. Cognizant of the proven links between asbestos and disease, governments of industrialized countries banned further use, as a result of which consumption shifted to developing countries; between 2000 and 2010, asbestos use in Asia grew dramatically. In the face of a powerful industry lobby, members of the ban-asbestos network have lobbied national governments to outlaw asbestos use, challenged industry propaganda, and cooperated with social partners on coordinated multinational initiatives. Major developments in the campaign to end the mining, sale, and use of asbestos which have taken place over the last 50 years are delineated



# Voices



- **Voices** – interviews with workers, activists, advocates, researchers, and policy-makers, with relevance to occupational and environmental health policy and politics. Generally limited to 15 – 20 pages

## Voices

### **WHO'S GETTING THE JOB DONE? AN INTERVIEW WITH ALDEN MEYER ON THE SLOW PACE OF CLIMATE CHANGE POLICY**

**JENNIFER AMES**

#### **ABSTRACT**

*New Solutions* interviewed Alden Meyer, the director of strategy & policy for the Union of Concerned Scientists (UCS). His work focuses primarily on climate change policy at the state, federal and international levels. He discusses the current state of climate change policy, progress and innovation on the state and international fronts, and the tangible impacts we can make as citizens to hasten political action.



### **Movements for Justice**



Baywood Publishing Company, Inc.

## Voices

### **“NO JUSTICE, NO PEACE” AND THE RIGHT TO SELF-DETERMINATION: AN INTERVIEW WITH GARY GRANT AND NAEEMA MUHAMMED OF THE NORTH CAROLINA ENVIRONMENTAL JUSTICE NETWORK**

**CRAIG SLATIN**

**MADELEINE KANGSEN SCAMMELL**

#### **ABSTRACT**

This is an interview with Gary Grant and Naeema Muhammed, leaders of the North Carolina Environmental Justice Network. Each of them talks about where they grew up, their politicization, how their paths crossed, their work together after Hurricane Floyd, and the unique challenges of organizing for social justice for black communities in the South. We learn of their fight against concentrated animal feeding operations (CAFOs), primarily for the hog trade, and they take us up to North Carolina’s Moral Monday protests of 2013 against legislation that threatens voting rights, public education, access to medical services, unemployment benefits, workers rights, occupational and environmental health, and women’s access to reproductive health care. We are grateful to these two friends of *New Solutions* for their contribution to the journal, and we hope that their insights regarding struggles for social and environmental justice can serve as a guide for us all.

# Other Types of Articles

- Documents – reports and other documents published elsewhere. Generally no longer than 10 – 15 pages.
- Book reviews. Generally limited to 5 – 15 pages.
- Letter to the editor
- Guest editorial

## Documents

### COMMUNITY ENVIRONMENTAL HEALTH ACTIVISM IN INDONESIA—A PHOTO ESSAY

Photographs by MUCHAMAD DARISMAN

*Text excerpted, with permission, from the website of the International Ban Asbestos Secretariat [1]. New Solutions thanks Laurie Kazan-Allen for making this photo essay available to our readers.*

In the last five years, asbestos consumption in Indonesia has nearly trebled from 40,542 tons in 2006 to 111,848 tons in 2010, making Indonesia the world's fifth biggest market for chrysotile (white) asbestos. Recognizing the risks to public and occupational health posed by asbestos usage, in 2009 the Indonesian Ban Asbestos Network (Ina-Ban) was established. Through collaboration with social partners, Ina-Ban has worked to quantify the country's asbestos problems, develop campaigns to raise awareness of the hazards and

520 / DOCUMENTS

### GULF FUTURE — UNIFIED ACTION PLAN FOR A HEALTHY GULF

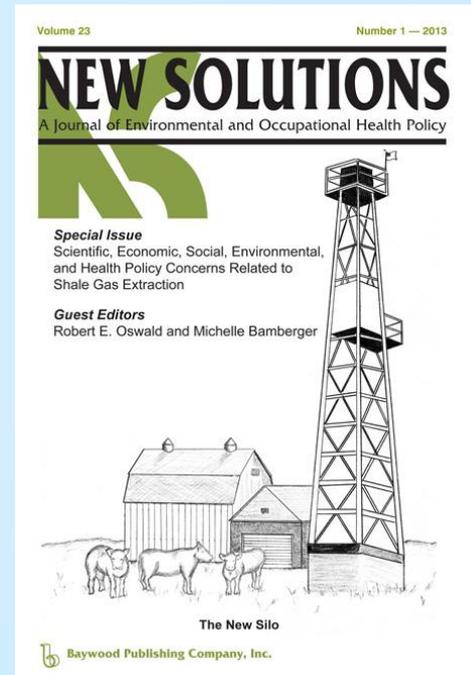
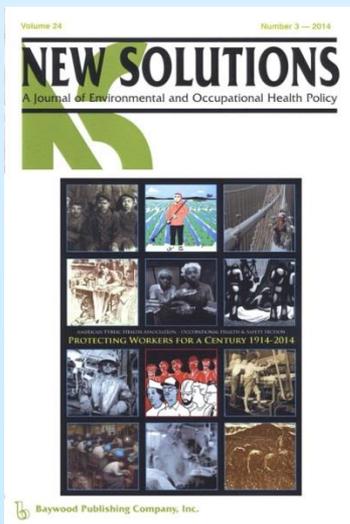
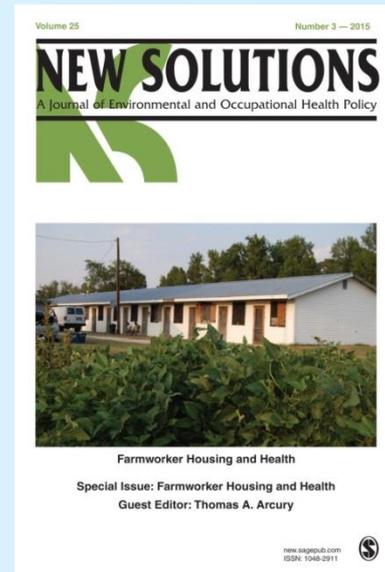
One year after it began, BP's oil drilling disaster is not over. America's Gulf Coast is still suffering, and we need the support of the nation for a full and fair recovery. This is an on-going environmental and humanitarian crisis. BP's crude and toxic dispersants continue to impact the Gulf of Mexico and the Gulf Coast, poisoning people, killing wildlife, threatening ecosystems, and putting fishermen and tourism workers out of jobs. After a full year, Congress and the federal government have yet to adequately act to restore and protect the Gulf, and BP is working to minimize their liability and the perception of the severity of their disaster's impacts.



Figure 1. Three high school students with winning posters.

# Special Issues

- Farmworker Housing and Health
- Protecting Workers for a Century 1914-2014
- Scientific, Economic, Social, Environmental, and Health Policy Concerns Related to Shale Gas Extraction
- Worker Health and Safety Training



# Special Issues

- Designing a Chemically Safer Future
- Women, Work, and Health
- School Health and Environment
- Popular Arts & Education in Community-Based Participatory Research
- 3 upcoming issues
  - Health, Environmental Policy and the Extractive Industries
  - Workers in the Informal Economy
  - Social Sciences & Environmental Health



# Other Details



- Arrangements can be made for open access
  - Fee, limited period
- Invite authors and reviewers
- Invite to anyone interested in building a network around the journal

# Contact

Craig Slatin, Editor

[craig\\_slatin@uml.edu](mailto:craig_slatin@uml.edu)

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