

## PLAYING WITH FIRE: THE PATHOPHYSIOLOGIC EFFECTS OF POLLUTION

- 7:50 AM Welcome and Announcements  
Alan B. McDaniel, M.D., President - AAEM
- 8:00 am Environmental Contaminants and their Association with Chronic Infectious Diseases,  
Diagnostic Management and Treatment Difficulty  
Pilar Munoz-Calero Peregrin, M.D.
- 8:30 am Principles of Hormone Action Apply to Environmental Endocrine  
Disrupting Chemicals  
Frederick vom Saal, Ph.D. -- Keynote Speaker
- 9:20 am Thyroid Disruption by Environmental Chemicals  
R. Thomas Zoeller, Ph.D. -- Keynote Speaker
- 10:15 am Exhibit Hall Break
- 11:00 am Testosterone Disruption  
Ty Vincent, M.D.
- 11:50 am Exhibitor Welcome  
Lunch Break
- 1:00 pm Reducing Risk of Cancer from Exposure to Smoke: An Action Plan for Firefighters, First Responders, and  
Residents Exposed to Wildfire Smoke  
Louise Tolzmann, N.D.
- 1:50 pm Exhibit Hall Break
- 2:35 pm Metal Burden in Cancer Patients  
Praveen Saxena, MB BS
- 4:00 pm LIVE QUESTIONS AND ANSWERS  
Drs. Munoz-Calero, Saxena, Tolzmann, Vincent, vom Saal, and Zoeller



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8:00 am **Environmental Toxins, Bone Loss And Women's Health**  
Joseph Hickey, M.D. -- Keynote Speaker

8:50 am **Arthroprosthetic Cobalt: A Commonly Overlooked Iatrogenic Toxin**  
Stephen Tower, M.D. -- Keynote Speaker

9:45 am **Exhibit Hall Break**

10:30 am **Review of Mercury and Lead Exposure, Effects on Health and Comparison of CaEDTA and DMPS Binding Agents**  
Jeffrey Morrison, M.D. -- Keynote Speaker

11:20 am **Awards Presentation**

Three award recipients will be honored at the annual AAEM Awards presentation. Recipients are recognized for:

The **Jonathan Forman Award**: Presented to **William Shaw, Ph.D.** for his outstanding contribution to the field of Environmental Medicine

The **Herbert J. Rinkle Award**: Presented to **Janette Hope, M.D., FAAEM, DABEM** for excellence in teaching the techniques of Environmental Medicine

The **Carleton Lee Award**: Presented to **Gerald D. Natzke, D.O., FAAEM, DIBEM** for exemplary efforts in furthering the principles of Environmental Medicine

11:30 pm **Lunch Break**

12:30 pm **How Treating the Elephant in the Room Became a Black Swan Event: Lead and Cardiovascular Disease**  
Gervasio (Tony) A. Lamas, M.D. -- Keynote Speaker

1:30 pm **Leaded Water - Lessons from the Flint Water Crisis**  
Gerald D. Natzke, D.O., FAAEM, DIBEM

2:20 pm **Exhibit Hall Break**

3:05 pm **Toxic Dust in Post-911 Air and Functional Solutions**  
James Cross, N.D., L.Ac.

3:55 pm **LIVE QUESTIONS AND ANSWERS**  
Drs. Cross, Hickey, Lamas, Morrison, Natzke and Tower

5:00 pm **Adjourn**



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Great Room V - VIII Ballroom

Exhibit Hall Open 7AM - 4PM (Great Room I - IV Ballroom)

8:00 am **Increased Sensitization to Inhalant Allergens: A Review of Clinical Observations.  
Are Changes in the Environment Responsible?**  
Diego Saporta, M.D.

8:35 am **Mito Dysfunction in Pediatrics: The Chemical Toll**  
Barry Smeltzer, MPAS, PA-C

9:25 am **Thiamin: The Spark of Life**  
Junghae Helen Kwon, M.D.

10:15 am **Exhibit Hall Break**

10:45 am **The Anatomy of a Toxic Tort Case**  
Alan Bell, J.D.  
Al Johnson, D.O.

1:30 pm **LIVE QUESTIONS AND ANSWERS**  
Drs. Johnson, Kwon, Saporta and Messrs. Bell and Smeltzer

2:30 pm **Adjourn**

### DESIGNATION:

The American Academy of Environmental Medicine designates this live educational activity for a maximum of **19.0 AMA PRA Category 1 Credit(s)<sup>™</sup>**. Physicians should only claim credit commensurate with the extent of their participation in the activity.

