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## **Professional Experience**

### **Center for Science in the Public Interest (CSPI)**

#### **Director, Food Safety Program**

June 1994 to present

Washington, D.C.

Leading consumer analyst on reform of laws and regulations governing food safety, especially mandatory HACCP (Hazard Analysis and Critical Control Points) systems for meat, poultry, and seafood processors. Founder and director of Safe Food International, a project to empower consumer organizations around the world to strengthen national food safety systems. Represents the International Association of Consumer Food Organizations at the Codex Committee on Meat Hygiene and the Codex Committee on Food Hygiene. Conducts studies and educates consumers, using foodborne outbreak and illness data, on safe food handling techniques to avoid foodborne illness. Researches food safety issues and publishes reports on government programs. Supervises CSPI staff who represent CSPI's 900,000 consumer members in Congress and in the regulatory arena on such issues as meat and poultry safety, seafood safety, food additives, pesticides, sustainable agriculture, and animal drugs.

### **Public Voice for Food and Health Policy**

#### **Director, Legal Affairs**

March 1991 to June 1994

Washington, D.C.

Petitioned the Food and Drug Administration to set a standard for methylmercury in seafood. Coordinated the activities of CHEFS (Chefs Helping to Enhance Food Safety), a coalition of famous chefs and other food professionals interested in food safety.

### **Public Citizen's Congress Watch**

#### **Staff Attorney**

May 1989 to March 1991

Washington, D.C.

### **Division of Insurance, Commonwealth of Massachusetts**

#### **Chief Legislative Counsel**

December 1985 to May 1989

Boston, Massachusetts

## ***Education***

*Antioch School of Law*  
*Washington, D.C.*  
*Juris Doctor ( redacted )*

*University of Vermont*  
*Burlington, Vermont*  
*Bachelor of Arts, Political Science ( redacted)*

## **Bar Admissions**

1985 Supreme Judicial Court of Massachusetts  
1988 United States District Court for the District of Massachusetts  
1988 United States Court of Appeals for the First Circuit

## **Memberships**

International Association of Food Protection  
(Member)

Food and Drug Law Journal Editorial Board  
(Chair of the Editorial Advisory Board, 2004-2005)

Transatlantic Consumer Dialogue  
(Member, Food Section)

Council for Agricultural Science and Technology Task Force on *Foodborne Pathogens: Review of Recommendations*  
(Task Force Member)

National Advisory Committee on Meat and Poultry Inspection  
(Member From 1997-2000)

Food and Drug Law Institute, H. Thomas Austern Writing Award Committee  
(Chair, 1994 to 1996)

## **Other Training**

National Institute of Trial Advocacy/Massachusetts Continuing Legal Education trial training course, August 1988

## **List of Food Safety Publications and Reports**

Caroline Smith DeWaal et al., Food Associated with Food-borne Illness Outbreaks from 1990 through 2003, *Food Protection Trends*, Vol. 26, No. 7 (July 2006), pp. 466-473 (peer reviewed article).

Caroline Smith DeWaal, Gonzalo R. Guerrero Brito, "Safe Food International: A Blueprint for Better Global Food Safety," *Food and Drug Law Journal*, Vol. 60, No. 3 (2005), pp. 393-405.

Caroline Smith DeWaal and Nadine Robert, "Global and Local: Food Safety Around the World," (Washington DC: Center for Science in the Public Interest, June 2005).

Caroline Smith DeWaal, Linda McIntyre, Giselle Hicks, "Name That Cow: U.S. BSE Precautions and Trade with Canada," (Washington DC: Center for Science in the Public Interest, March 2005)

Caroline Smith DeWaal, "Rising Imports, Bioterrorism, and the Food Supply," *Food and Drug Law Journal*, Vol. 59, No. 3 (2004), pp. 433-439.

Caroline Smith DeWaal, Ken Kelly, "Recalling the Recall Process," *Journal of the Association of Food and Drug Officials*, Vol. 68, No. 1, March 2004, pp. 20-29.

Caroline Smith DeWaal, Kristina Barlow, "Outbreak Alert! Closing the Gaps in Our Federal Food-Safety Net," (Washington DC: Center for Science in the Public Interest, Updated and Revised March 2004).

Caroline Smith DeWaal, Leora Vegosen, "Bovine Spongiform Encephalopathy: The Importance of Precautionary Measures to Protect the Food Supply," *Food and Drug Law Journal*, Vol. 58, No. 4 (2003), pp. 537-548.

Caroline Smith DeWaal "Risk Management in Food Safety: The Waiting Game", *Update*, Issue 4, July/August 2003, pp. 19-21.

Caroline Smith DeWaal, "Safe Food From a Consumer Perspective," *Food Control*, Vol. 14, No. 2 (2003), pp. 75-79.

Warren Leon and Caroline Smith DeWaal, *Is Our Food Safe? Eating Choices That Protect Our Health and the Environment*, June 2002, Three Rivers Press (a division of Random House).

Caroline Smith DeWaal, Diana Birkett, and Zoe Enga, "Unexpected Consequences: Miscarriage and Birth Defects From Tainted Food," (Washington DC: Center for Science in the Public Interest, January 2000).

Caroline Smith DeWaal, Lucy Alderton, and Bonnie Liebman, "Food Safety Guide," *Nutrition Action Healthletter*, Center for Science in the Public Interest, Vol. 26, No. 8 (October 1999), pp. 1, 3-9.

Caroline Smith DeWaal, "Food Safety Inspections: A Call for Rational Reorganization," *Food and Drug Law Journal*, Vol. 54, No. 3 (1999), pp. 453-458.

Caroline Smith DeWaal, "Emerging Pathogens in Beef and the Role of Government," *Proceedings of the Beef Safety Symposium: Emerging Microbial Pathogens and Issues in Beef*, December 3-4, 1997, Chicago, Illinois, National Cattlemen's Beef Association: 1998, p.6.

Caroline Smith DeWaal, Elizabeth Dahl, "Adoption of the 1995 FDA Food Code: A Survey of 45 State and Local Health Departments," *Journal of the Association of Food and Drug Officials*, Vol. 6, December 1997, pp. 15-29.

Caroline Smith DeWaal, "Delivering on HACCP's Promise to Improve Food Safety: A Comparison of Three HACCP Regulations," *Food and Drug Law Journal*, Vol. 52, No. 3 (1997), pp. 331-335.

Elizabeth Dahl, Caroline Smith DeWaal, "Scrambled Eggs: How a Broken Food Safety System Let Contaminated Eggs Become a National Food Poisoning Epidemic," (Washington, DC: Center for Science in the Public Interest, May 1997).

Caroline Smith DeWaal, Elizabeth Dahl, "Dine at Your Own Risk: The Failure of Local Agencies to Adopt and Enforce National Food Safety Standards for Restaurants," (Washington, DC: Center for Science in the Public Interest, November 1996).

Caroline Smith DeWaal, "A Consumer View on Improving Cost/Benefit Analysis: The Case of HACCP and Microbial Food Safety," *Strategy and Policy in the Food System: Emerging Issues, Proceedings of NE-165 Conference*, June 20-21, 1996, Julie Caswell and Ronald Cotterill, Eds. (Storrs, CT: Food Marketing Policy Center, University of Connecticut), p. 239-243.

Caroline Smith DeWaal, "Playing Chicken: The Human Cost of Inadequate Regulation of the Poultry Industry," (Washington, DC: Center for Science in the Public Interest, March 1996).

Caroline Smith DeWaal, "Current Regulatory Issues Related to Animal Drug Use," *Food and Drug Law Journal*, Vol. 50, No. 3 (1995), pp. 395-397.

Caroline Smith DeWaal, "Ensuring a Safe Food Supply," *Trial*, Oct. 1994, pp. 30-33.

Caroline Smith DeWaal, Tricia Obester, "Seafood Safety: Consumers and Manufacturers at Risk," *USA Today*, July 1994, pp. 24-26.

Caroline Smith DeWaal, Allen Rosenfeld, "Seafood Roulette: The Victims' Stories," (Washington, DC: Public Voice for Food and Health Policy, September 1992).

### **Congressional Testimony**

Testimony of Caroline Smith DeWaal before the House Committee on Government Reform, Subcommittee on Civil Service and Agency Organization, on “A System Rued: Inspecting Food,” Washington, DC, March 30, 2004

Testimony of Caroline Smith DeWaal before the Senate Subcommittee on Oversight of Governmental Management, Restructuring and the District of Columbia and the House Subcommittee on Government Efficiency, Financial Management and Intergovernmental Relations, on “Kids and Cafeterias: How Safe are Federal School Lunches?” Washington, DC, April 30, 2002.

Testimony of Caroline Smith DeWaal before the Senate Committee on Commerce, Science and Transportation Hearing on “Mad Cow Disease: Are Our Precautions Adequate?” Washington DC, April 4, 2001.

Testimony of Caroline Smith DeWaal before the Senate Agriculture, Nutrition and Forestry Committee Hearing on “How Our Food Safety System Should Address Microbial Contamination,” Washington DC, September 20, 2000.

Testimony of Caroline Smith DeWaal before the Senate Committee on Governmental Affairs on “Overlap and Duplication in the Federal Food Safety System,” Washington DC, August 4, 1999.

Testimony of Michael Jacobson, Ph.D. and Caroline Smith DeWaal before the Senate Committee on Government Affairs on “Egg Safety: Are There Cracks in the Federal Food Safety System?” Washington DC, July 1, 1999.

Testimony of Carol Tucker Foreman and Caroline Smith DeWaal before the United States Senate Committee on Governmental Affairs Permanent Subcommittee on Investigations Hearing on “Federal Efforts to Ensure the Safety of Imported Foods,” Washington DC, September 25, 1998.

Testimony of Caroline Smith DeWaal before the Senate Committee on Labor and Human Resources on S. 1477, the FDA Performance and Accountability Act, Washington, DC, February 21, 1996.

Testimony of Caroline Smith DeWaal before the House Committee on Commerce, Subcommittee on Health and the Environment on HR 1627, the Food Quality Protection Act of 1995, Washington, DC, June 29, 1995.

Testimony of Caroline Smith DeWaal before the House Committee on Government Operations Subcommittee on Human Resources and Intergovernmental Relations Regarding the Need to Revamp the Federal Food Safety System, “Seafood Safety and the Impact of HACCP,” Washington, DC, May 25, 1994.

Testimony of Caroline Smith DeWaal, Director of Legal Affairs, Public Voice for Food and Health Policy, before the House Merchant Marine and Fisheries Committee Subcommittee on Fisheries Management, Brooklyn, NY, Sept. 10, 1993.

### **Major Speeches**

Remarks of Caroline Smith DeWaal at the CFSAN Sprout Safety Public Meeting, College Park, MD, May 17, 2005.

“Food Safety Issues in the Region of the Americas,” Remarks of Caroline Smith DeWaal at the Pan American Health Organization’s COPAIA Conference, Mexico City, Mexico, April 20, 2005.

“Food Safety and Bioterrorism: Who Speaks for Consumers?” Remarks of Caroline Smith DeWaal at the University of Minnesota’s Roundtable on Food Safety, Protection and Defense, Minneapolis, MN, March 8, 2005.

“The Consumers’ Role in Risk Assessment,” Remarks of Caroline Smith DeWaal at the European Food Safety Authority, Berlin, Germany, November 9, 2004.

Statement of Caroline Smith DeWaal at the Second Global Forum of Food Safety Regulators, Bangkok, Thailand, November 2004.

“Bioterrorism: Is Food a Target?” Remarks of Caroline Smith DeWaal at the Sam Nunn Policy Forum, Atlanta, GA, March 23, 2004.

“Validation: A Consumer Perspective,” Remarks of Caroline Smith DeWaal at the Conference on Meat and Livestock, Sidney, Australia, February 2004.

“Outbreak Alert!” Remarks of Caroline Smith DeWaal at the Food Attribution Data Workshop, Atlanta, GA, October 31, 2003.

"On-Farm Measures Needed to Reduce *E. Coli* O157:H7 in Cattle," Remarks of Caroline Smith DeWaal at the FSIS Meeting on Pre-Harvest Food Safety, September 9, 2003, Washington, D.C.

“Outbreak Alert!” Remarks of Caroline Smith DeWaal at the 27<sup>th</sup> National Nutrient Databank Conference, Washington, D.C., July 1, 2003.

“Bioterrorism: Are We Ready?” Remarks of Caroline Smith DeWaal at the NEHA Annual Educational Conference, Reno, NV, June 8, 2003.

“Consumer Concern About Animal Agriculture and Food Safety,” Remarks of Caroline Smith DeWaal at the Animal Agriculture Alliance Summit, Beltsville, MD, May 2004.

“Protecting the Public Under the New Bioterrorism Act,” Remarks of Caroline Smith DeWaal at the National Food Policy Conference, Washington, D.C., May 9, 2003.

"Consumer Perspective on Date Marking and Food Safety," Food Safety Summit, Washington, D.C., March 19, 2003.

“Improving the Recall Process,” Statement of Caroline Smith DeWaal at the FSIS Meeting, Washington, D.C., December 12, 2002.

“Consumer Perspective on *Listeria monocytogenes*,” Remarks of Caroline Smith DeWaal at the FSIS Public Meeting on Listeria, Washington, D.C., November 18, 2002.

“Food Irradiation in the United States from the Consumers’ Perspective,” Remarks of Caroline Smith DeWaal at the FAO/IAEA Thematic Planning Meeting on Irradiation as a Sanitary and Phytosanitary Treatment for Food in the New Millennium, Vienna, Austria, May 7, 2002.

“Bioterrorism: Are We Ready?” Remarks of Caroline Smith DeWaal at the National Food Policy Conference, Washington, D.C., April 22, 2002.

“BSE Sourcing,” Remarks of Caroline Smith DeWaal at the FDLI’s 45<sup>th</sup> Annual Education Conference, Washington, D.C., April 17, 2002.

“Seafood Safety: A Consumer Perspective,” Remarks of Caroline Smith DeWaal at the Boston Seafood Show, Boston, MA, March 12, 2002.

“Bioterrorism: The Risk to the Food Supply,” Remarks of Caroline Smith DeWaal at the Boston Seafood Show, Boston, MA, March 12, 2002.

“The Need for a Single Food Safety Agency,” Remarks of Caroline Smith DeWaal at the Institute of Food Technologists Meeting, Atlanta, GA, February 22, 2002.

“A Place at the Table for Consumers,” Remarks of Caroline Smith DeWaal at the MAF Food Conference, Auckland, New Zealand, October 2001.

“Consumer Perspective: Is HACCP Improving Food Safety?” Remarks of Caroline Smith DeWaal at the International Association for Food Protection Annual Meeting, Minneapolis, Minnesota, August 8, 2001.

“Zero Tolerance—Boon or Bust?” Remarks of Caroline Smith DeWaal at the International Association for Food Protection Annual Meeting, Minneapolis, Minnesota, August 8, 2001.

“Consumers’ Perspectives on Food Safety,” Remarks of Caroline Smith DeWaal at the Joint Institute for Food Safety Research Informational Meeting, November 30, 2000.

“Home for the Holidays” Remarks of Caroline Smith DeWaal at the National Press Club, Washington, D.C., November 19, 2001.

“Consumer Perspectives of Food Safety Research,” Federal Food Safety and Nutrition Research Meeting, Central Experimental Farm, Ottawa, Canada, September 26, 2000.

“Consumer Perspectives of Food Safety Controls at the Animal Production Level,” Remarks of Caroline Smith DeWaal at the Beltsville Symposium XXIV: Healthy Animals 2000, Beltsville, MD, September 10, 2000.

“Consumer Perspectives of Food Safety Controls at the Animal Production Level,” Remarks of Caroline Smith DeWaal at the National Conference on Animal Production Food Safety, St. Louis, MO, September 6, 2000.

“Putting the Public’s Concerns About Food Safety in Perspective,” Remarks of Caroline Smith DeWaal at the Harvard Medical Symposium on Food Safety, June 23, 2000.

“Food Safety and Government Reform: The Case for a More Rational System,” Remarks of Caroline Smith DeWaal at the National Institutes of Health, May 24, 2000.

“Control of *Listeria monocytogenes* for the Prevention of Foodborne Listeriosis,” Remarks of Caroline Smith DeWaal at USDA Public Meeting, Washington D.C., May 15, 2000.

“FSIS Policy on *E. coli* 0157:H7: Reviewing the Role of Pathogen Testing in HACCP,” Remarks of Caroline Smith DeWaal at USDA Public Meeting, February 29, 2000.

“A Blueprint for the Future,” Statement of Caroline Smith DeWaal at the Harvard Senior Executive Training Seminar, Boston, MA, January 17, 2000.

“Perspectives on the Development of a Fully Integrated National Food-Safety System,” Remarks of Caroline Smith DeWaal at the 1999 AFDO Conference, San Antonio, Texas, June 8, 1999.

“Food Safety: The View From the Grassroots,” Remarks of Caroline Smith DeWaal at the AAAS Annual Meeting, Anaheim, CA, January 22, 1999.

Remarks of Caroline Smith DeWaal at FDA’s Public Meeting to Review the Current Science Relating to Sprouts and Needed Control Measures, Washington D.C., September 28, 1998.

Statement of Caroline Smith DeWaal at the Meeting Ensuring Safe Food From Production to Consumption, National Academy of Sciences, Washington D.C., April 30, 1998.



“A Blueprint for the Future,” Remarks of Caroline Smith DeWaal at the 1998 Institute of Food Technologies Annual Meeting, Atlanta, Georgia, June 21, 1998.

“On the Eve of the HACCP Revolution,” Remarks of Caroline Smith DeWaal at the 41st Annual Food and Drug Law Conference, Washington D.C., December 9, 1997.

“Emerging Foodborne Pathogens and the Role of Government,” Remarks of Caroline Smith DeWaal at the Beef Safety Symposium, National Cattlemen’s Beef Association, Chicago, IL, December 3, 1997.

“Microbial Testing in HACCP,” Remarks of Caroline Smith DeWaal at the 84th Annual IAMFES Meeting, Orlando, FL, July 7, 1997.

Remarks of Caroline Smith DeWaal at the National Conference on Food Safety Education: Changing Strategies, Changing Behaviors, Washington, D.C., June 12, 1997.

“Planning for the Future in Food Safety,” Remarks of Caroline Smith DeWaal at the 49th Annual Reciprocal Meat Conference, Provo, UT, June 12, 1996.

“Revising the Food Safety System -- From Farm to Table,” Statement of Caroline Smith DeWaal at the Texas Agricultural Summit, Dallas, TX, December 7, 1995.