



WIFSS
Western Institute for
Food Safety & Security



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Societal Security and Civil Defense with the Agricultural and the Food Chain Sector Study Trip

Presented by the Western Institute for Food Safety and Security (WIFSS), in conjunction with the Swedish Defence Research University, Swedish Board of Agriculture, and National Veterinary Institute

University of California, Davis
Western Institute for Food Safety & Security
April 17 – 20, 2018

CONFERENCE AGENDA

Tuesday – April 17 WIFSS 1477 Drew Ave, Davis

9:00 a.m.	Welcome and Brief Introductions	<i>Bennie Osburn, Director, Outreach & Training, WIFSS</i>
9:30 – 12:00 Noon	Antagonistic Threats	<i>Sunshine Adams, FBI, Supervisory Special Agent, WMD Directorate</i>
12 Noon – 1:00 p.m.	LUNCH	
1:15 – 2:00 p.m.	CBRN Threats – Swedish Focus Areas	<i>Magnus Normark, Swedish Defence Research Agency</i>
2:15 – 3:00 p.m.	Horizon Scanning	<i>Rickard Knutsson, Swedish National Veterinary Institute</i>
3:00 p.m.– 3:30 p.m.	FIKA AMERICAN STYLE	
3:30 p.m. – 4:00 p.m.	Dairy Farm Security Project	Michael Payne
4:00 p.m. – 4:30 p.m.	Open Discussion	Group

Wednesday – April 18 Cal OES – McClellan Park

9:00 a.m.	Meet at WIFSS and Van to McClellan Park	
10:30 a.m. – 1:00 p.m.	InfraGard Sector Chief/Operating Committee Meetings	<i>Howard Duck, Secretary, Sacramento InfraGard Group</i>
1:00 p.m.	Open Discussion on Standing Up InfraGard	
5:30 p.m. – 7:30 p.m.	Reception and Dinner	<i>Seasons Restaurant, 102 F St., Davis</i>

Thursday – April 19
Farm Tour

8:00 a.m.	Meet at WIFSS and Van to Harris Ranch	<i>Group</i>
11:00 a.m.	Arrive Harris Ranch Feeding Company	<i>Group</i>
	Lunch at Harris Ranch Restaurant	

Friday – April 20
WIFSS

8:00 am – 11:30 a.m.	Future Collaboration – Next Steps Visiting Scholar/Research Fellow AWR-152 Recertification HSPD-9 Update FSMA – Food Defense Project	<i>Group</i>
11:30 a.m. - Noon	LUNCH	
12:30 p.m.	DEPART	

Sunshine Adams

Supervisory Special Agent Sunshine C. Adams began her career with the FBI in November 2005. Since joining the FBI, SSA Adams has mainly focused on counterterrorism matters and source development while working in Minneapolis, Chicago and Albuquerque. Throughout her career, SSA Adams received advanced training in Arabic language and Crisis Negotiation. She currently works in FBI Headquarters' WMD Directorate, focusing mainly on Infrastructure Countermeasures issues related to Food Defense and UAS.

Brian Banning

Lieutenant Brian Banning is currently a Governors Appointee serving in the Infrastructure Protection unit of the California Governor's Office of Emergency Management (CalOES) working on statewide issues within their Critical Infrastructure Protection division. Prior to this assignment, he was a Senior Analyst with Scientific Research and Applications International (SRA). He also served as Assistant Commander of the Sacramento Regional Terrorism Threat Assessment Center (RTTAC), a multi-agency intelligence fusion center that supports the casework of the Federal Bureau of Investigation led Joint Terrorism Task Force at the Top Secret level. At the RTTAC he also worked on Critical Infrastructure Protection matters with the California Office of Homeland Security conducting threat and vulnerability assessments and enhancing security on selected critical infrastructure sites.

Catherine Bernstein

Catherine Bernstein is a contributing writer and editor for HS-Community.org, a homeland security practitioners' network. In 2015, having served 27 years as an attorney for state and local government, she retired as Senior Counsel for the California Governor's Office of Emergency Service. In 2014 she earned a Master of Arts in Security Studies at the United States Naval Postgraduate School, Center for Homeland Defense and Security. She earned a Juris Doctor from Southwestern University, School of Law, in 1986. She holds a Bachelor of Science in Human Resource Management/Business Administration from California State University Northridge.

Tim Carpenter

Prof. Tim Carpenter is Professor Emeritus of the School of Veterinary Medicine, UC Davis, and Institute of Veterinary and Animal Biomedical Sciences, Massey University, Palmerston North, New Zealand. His areas of teaching and research include epidemiologic modeling, spatial epidemiology, animal health economics, and risk analysis. His animal species and disease focus is equally as diverse as the methods used to study them, including aquatic, wildlife, companion animals and livestock and bacterial, viral, protozoan infections and non-infectious diseases, from African swine fever to West Nile virus. Since 2000, he has focused on modeling the spread and control of FMD in the US as well as Europe, South America, and East and Southeast Asia.

Derek F. DeWaal

Derek has been an Intelligence Analyst with the Sacramento Field Office of the Federal Bureau of Investigation for 13 years. In that time, he has worked white collar crime, international terrorism, counterintelligence, domestic terrorism, and weapons of mass destruction matters. Prior to his work with FBI, Derek was a research program manager for the California Department of Corrections. As a graduate research assistant, Derek has 17 publications in medical and behavioral science journals (fibromyalgia diagnosis and treatment; tuberculosis surveillance and treatment in Russia; adjustment of Russian healthcare system from communism to insurance-based). Derek has a BS in Psychology, a BS in Human Development, an MS in Behavioral Analysis, and an MPH in Public Health/Epidemiology.

Howard Duck

Howard Duck is Information Security and Risk Manager at Schools Financial Credit Union. His responsibilities include managing the Information Security Program and managing the implementation of the CIS Critical Controls. He serves on the board of ISACA Sacramento as the Immediate Past President and on the board of InfraGard Sacramento as the Secretary. He is also the Chair for the Sector Chief Program for IngraGard Sacramento. Mr. Duck is retired from the United States Marine Corps reserves at the rank of Master Gunnery

Sergeant. He served in Operation Desert Shield/ Desert Storm during the Gulf War as well as Operation Enduring Eagle where he deployed to Djibouti, Africa in support of Joint Task Force Horn of Africa (JTF-HOA). Mr. Duck's certifications include Certified Information Security Manager (CISM), Certified Information Systems Auditor (CISA), Payment Card Industry (PCI) Internal Security Assessor.

Darryl Elliot

Mr. Elliott joined the FBI in 1999. He began his career in the Los Angeles Division, where he was assigned to investigate national security matters. In addition to his investigative duties, Mr. Elliott acted as the Los Angeles Division Consular Corps Liaison to the Diplomatic Community with 86 different foreign governments. In 2005, Mr. Elliott was awarded the Director's Award for Outstanding National Security Investigation. Throughout his career, Mr. Elliott has worked numerous investigative classifications and held leadership roles at FBI Headquarters and the Sacramento Field office. In 2017, Mr. Elliott was appointed to the Sacramento Division Private Sector Coordinator position which focuses on coordination efforts with private industry across all FBI programs. His responsibilities also include the oversight of InfraGard and the Domestic Security Alliance Counsel activities.

Sheldon Fung

Special Agent Bomb Technician (SABT) Sheldon Fung has worked for the Federal Bureau of Investigation for 19 years. He was first stationed in Los Angeles and worked Weapons of Mass Destruction, Counterterrorism and Counterintelligence for his first 8 years during which he was awarded the Attorney General Award for his work on an espionage case. He was transferred to the Sacramento Division of the FBI in 2006, where he currently works on the Domestic Terrorism squad. He has 18 years of experience as a Hazmat Specialist and 12 years of experience as a bomb tech. He is currently the WMD Coordinator and Special Agent Bomb Technician for the Sacramento Division of the FBI. SABT Fung has a Bachelor of Science degree in Biochemistry from the University of California at Davis, and a Masters degree from Indiana University of Pennsylvania. Prior to coming to the FBI, Fung worked as a chemist and a police officer.

David Goldenberg

David Goldenberg is an instructor in food safety with the Western Institute for Food Safety and Security. He contributes to food safety projects for the U.S. Food and Drug Administration (FDA) Integrated Food Safety System (IFSS). He is involved in the produce investigations course and is working on integrating video and table top exercises to enhance adult learning principles. He teaches the Agroterrorism Preparedness Training for Frontline Responders; a six-course food safety/security curriculum sponsored by the US Department of Homeland Security (DHS).

Heather Johnson

Heather Johnson is an instructional systems designer and educational specialist at WIFSS. She oversees the instructional design component of WIFSS training and educational projects in accordance with certification standards that meet local, state and federal agency requirements. She designs blended - learning educational materials specifically using principles of adult education.

Annette Jones

Dr. Annette Jones is the State Veterinarian and Director of the California Animal Health and Food Safety Services. She graduated from U.C. Davis with a degree in Economics and worked as a business manager for a defense contractor and an engineering firm for the first eight years of her career, after which she returned to U.C. Davis, School of Veterinary Medicine. After practicing as a private veterinarian for three years, she joined the California Department of Food and Agriculture in 2001. She participated in California's foot and mouth disease prevention and preparedness efforts in 2001, avian influenza control and eradication in 2002, and Exotic Newcastle disease eradication in 2002 and 2003, where she was the Incident Commander and Area Commander for the State. The response involved multiple local, State, and Federal agencies with up to 1,500 people on the ground at one time. On July 1, 2004, Dr. Jones was appointed Director of the Animal Health and Food Safety Services. In this capacity, she oversees an annual budget of \$45.5 million and 222 employees engaged in programs for animal health, milk and dairy food safety, meat and poultry inspection, and livestock identification. She also works closely with the California Animal Health and Food Safety Laboratory System, which is operated by U.C. Davis, School of Veterinary Medicine, under a contract with her Division. In September of 2010, besides continuing to perform as Director, Dr. Jones was appointed State Veterinarian, the

position ultimately responsible for the State's veterinary authority on animal health and food safety related to livestock and poultry.

Haralampos Keremidis

Haralampos Keremidis is advisor for contingency planning and project manager for the Swedish Board of Agriculture. Keremidis is a political scientist and historian, and is specialized in security policy, threat analysis and assessment. Keremidis has several years of experience working with issues regarding security, security policy and project management. Keremidis is project manager for the project *Societal Security and Civil Defense within the Agricultural and Food chain sector* and has worked in several of the working groups within the project AniBioThreat. Keremidis has published articles on agroterrorism in peer review journal.

Rickard Knutsson

Dr. Rickard Knutsson is director of the Security Department at the National Veterinary Institute (SVA), Uppsala, Sweden and coordinator /project director of AniBioThreat. Dr. Knutsson has a scientific background in bacteriology, molecular biology and biosecurity and has worked as a crisis management coordinator for the last five years at SVA. He was commissioned by the Swedish Ministry of Foreign Affairs to participate as an Expert Member State Delegate at the Biological and Toxic Weapons Convention, United Nations, Geneva. He has been the chairman of the Swedish Cooperation Area Hazardous Substances, the Swedish Forum for Biopreparedness, and the Swedish Laboratory Response Network.

Helen S. Lawrence

Helen is a Management and Program Analyst (MPA) with the Federal Bureau of Investigation's Weapons of Mass Destruction Directorate in Washington DC. She currently serves as a team member with the Infrastructure Countermeasures Unit. Her primary work duties focus on the Food/Agriculture and Water Sectors. A Biologist by training, Helen worked in the Biotech Industry for 8 years prior to joining the FBI. She has been with the FBI for 20 years supporting the FBI Laboratory Division as a Biologist and, for the last 10 years, the WMD Directorate as a MPA. Helen received her B.S. and M.S. degrees in Biology from the North Carolina Agricultural & Technical State University and Ph.D. in Biodefense from George Mason University.

Magnus Normark

Magnus Normark is a Senior Analyst at the Swedish Defence Research Agency (FOI), Division of CBRN Defence and Security. He is a project manager for studies within the field of Terrorism and CBRN threat-/risk assessment. Mr Normark has been actively engaged intelligence studies and counter-proliferation work since 1998 and has been a national delegate in international regimes and mechanisms such as the Australia Group, Proliferation Security Initiative and Global Initiative to Combat Nuclear Terrorism between 2002 -2014. In 2009-2013 Mr Normark was working, part time, as a senior analyst at the Center for Asymmetric Threat Studies (CATS), Swedish Defence University, primarily in the field of terrorism research and intelligence studies. Mr Normark has 12 year experience from working within the Swedish intelligence community as well as experiences from United Nation missions in the Balkans (UNPROFOR) and the Middle East (UNSCOM). Mr Normark holds a BA in Social Science from Umeå University, Sweden.

Bennie Osburn

Dr. Bennie Osburn is Director of Outreach and Training at the Western Institute for Food Safety and Security. He is Dean Emeritus of the School of Veterinary Medicine, UC, Davis. Dr. Osburn's research has focused on infectious diseases of livestock, zoonotic diseases, including foodborne pathogens, and the ecology of infectious agents. He is interested in applying a One Health approach to food safety.

Michael Payne

Dr. Michael Payne is a researcher and outreach coordinator at WIFSS. Dr. Payne has worked as a veterinarian in extension, academics and private practice. He is director of the California Dairy Quality Assurance Program, an industry, academic regulatory partnership which promotes the health and welfare of livestock, consumers and the environment through outreach, education and research.

Kimberly Pratt

Kimberly Pratt is the Executive Director of InfraGard, an association of U.S. citizens who represent businesses, academic institutions, state and local law enforcement agencies, and other organizations dedicated to sharing information and intelligence with the FBI to prevent hostile acts against the United States. Kimberly got her start

in politics and security working for the Japanese Mission to the United Nations in Vienna, Austria as a speechwriter on nuclear proliferation and safety, where she also served as the program manager for the international Nuclear Suppliers Group. She then earned her Master's Degree in National Security Studies from Georgetown University. Kimberly went on to become a researcher for the Center for Nonproliferation Studies and worked for Radio Free Europe/Radio Liberty in Prague, Czech Republic as a program manager and analyst on terrorism and Central Asian politics. She then moved into the cybersecurity realm and worked most recently for Wells Fargo Bank before assuming her current role.