

# *Global and Border Emergency Preparedness: 1<sup>st</sup> Annual SDSU GEPAR Public Health Summer Institute*

## *BIOSKETCHES*

### **Louise Gresham, PhD, MPH**

Louise Gresham is Senior Epidemiologist for the San Diego County, Health and Human Services Agency, Epidemiology Branch and Associate Research Professor with the SDSU, Graduate School of Public Health, Division of Epidemiology and Biostatistics. She is also a cofounder and the Faculty Coordinator of the Masters of Science in Public Health, in Global Emergency Preparedness and Response. She has over 19 years of experience in the conduct and supervision of infectious disease surveillance, alert and response activities and is active in the development of health policies. Dr. Gresham is the Site Coordinator for the San Diego, U.S. Mexico Border Infectious Disease Surveillance Program. In addition, Dr. Gresham also served the CDC as a member of the expert panel on the Centers for Disease Control and Prevention Framework for Evaluation of Surveillance Systems. She is the Principle Investigator of the Native American Alliance on Emergency Preparedness (NAAEP) and focuses on biological related terrorism. She has taught internationally for the Middle East Consortium for Infectious Disease Surveillance and for the Jaffee Center in Tel Aviv. Dr. Gresham has published extensively in peer reviewed journals and, most recently, she authored contributing chapters in "Case Detection, Outbreak Detection and Outbreak Characterization" in the *Handbook of Biosurveillance* (Wagner MM, Elsevier Press, 2006), and a CSU Monograph: Service Learning (in press) with application to community emergency preparedness activities.

### **Hector Rivera, MD, PhD (candidate), MS**

Hector Rivera-Valenzuela is a medical doctor from UNAM. He has a Masters in International Economics by UABC and is a PhD candidate in Globalization studies in a joint program between UCLA, UABC, and a University in Paris. Dr. Rivera is a professor of Medicine in the School of Medicine at UABC in Tijuana, and was the Dean of the School of Medicine for 5 years. He was the Director of Hospital Mirador Issstecali Tijuana for 3 years, general coordinator of city planning in Tijuana for 2 years, and was director of DIF Tijuana from 2000-2001. Dr. Rivera was also co-president of the Universities Network of the US-Mexico Health Association for 4 years. He has authored 31 articles in multiple journals and has been a speaker in 64 local, national and international scientific meetings. Dr. Rivera has worked on research for UABC, PAHO, Kellogs, INSP, COLEF, and UCLA Public School with support by AID and ICRW. At the present time, Dr. Rivera is working in research for the National Institute of Public Health (INSP) on comparative health systems.

### **Alfonso Rodriguez, PhD, MPVM**

Dr. Alfonso Rodriguez-Lainz, PhD, is the senior epidemiologist for the California Office of Binational Border Health, California Department of Health Services. Dr. Rodriguez-

## ***Global and Border Emergency Preparedness: 1<sup>st</sup> Annual SDSU GEPAR Public Health Summer Institute***

Lainz works to enhance collaboration between California and Mexican epidemiologists on public health issues in the border region. Dr. Rodriguez-Lainz has extensive experience in coordinating cross-border surveillance activities between California and Baja California, including the Border Infectious Disease Surveillance and Early Warning Infectious Disease Surveillance Programs. He also teaches three courses at SDSU: "Global and Border Surveillance", "International Field Epidemiology" and "Migration and Health".

### **Kimberly Brouwer, PhD**

Kimberly Brouwer is an infectious disease epidemiologist and Assistant Professor in the Division of International Health and Cross-Cultural Medicine of the University of California San Diego School of Medicine. She is currently collaborating with Mexican officials in studies of HIV/AIDS and injection drug use in cities along the Mexico/U.S. border, in an effort to inform appropriate public health interventions. As principal investigator of a five-year grant to explore social and environmental factors affecting disease transmission and risk behaviors in Tijuana, Mexico, her group is building a geographic information system (GIS) model to measure disease clustering and recommend better distribution of health services. Dr. Brouwer's research interests also include studies of the epidemiology and molecular epidemiology of tropical infectious diseases. She is currently co-investigator of a project to explore factors affecting malaria and leptospirosis transmission in the Peruvian Amazon. Dr. Brouwer has extensive experience in designing and conducting field studies. She earned her Ph.D. from the Johns Hopkins University, School of Hygiene and Public Health and in 1999 was awarded a Fulbright Fellowship to study factors relating to disease severity of schistosomiasis in Zimbabwe. Prior to her appointment at UCSD, Dr. Brouwer worked in the Division of Parasitic Diseases at the Centers for Disease Control and Prevention investigating HIV/malaria interactions in western Kenya.

### **Susan Cheng**

**PhD** candidate in the Joint Doctoral Program with the SDSU Graduate School of Public Health, Epidemiology, and the UCSD Department of Family and Preventive Medicine. Susan has been a core member of the Native American Alliance for Emergency Preparedness and the California Native American Research Center for Health for the past four years. Along with local topic area experts, she has developed training modules for biological and chemical terrorism preparedness as well as emergency preparedness workshops for Indian Health Clinics. She is especially interested in the unique requirements and barriers faced by Native American populations when responding to man-made or natural disasters. Other areas of research interest include: the differential effects of methamphetamine abuse in subsets of the population, diabetes, HIV transmission beliefs, and health disparities in vulnerable populations. Susan received her masters of public health degree from San Diego State University in the field of osteoporosis research.

## ***Global and Border Emergency Preparedness: 1<sup>st</sup> Annual SDSU GEPAR Public Health Summer Institute***

### **Bryan Liang, PhD, JD, MD**

Bryan A. Liang is Executive Director and Professor of Law, Institute of Health Law Studies, California Western School of Law and Co-Director and Associate Professor of Anesthesiology, UCSD School of Medicine. He is also Adjunct Associate Professor of Public Health in the Global Preparedness and Emergency Response Program, College of Health and Human Services, SDSU, and Adjunct Professor of Aviation, College of Aviation, Western Michigan University. Dr. Liang's research and academic activities focus upon the interface of law, health care, and public policy. His work encompasses several hundred publications and presentations spanning from legal issues in promoting patient safety activities, the scope of permitted public health actions, minority access to care, to ethics and conflict of interest rules. He serves on local, regional, and national boards and committees relating to these areas, such as the American Medical Association Task Force on Health Literacy and Patient Safety, the San Diego Elder Abuse Council, the Elder Justice Coalition, the American Bar Association Advisor to the Draft Committee of the Uniform Emergency Volunteer Health Services Act, the Secretary of Health and Human Services Advisory Committee on Minority Health, Healthy San Diego, the National Patient Safety Foundation, the Partnership for Safe Medicines, the Alliance Healthcare Foundation, the Pan Asian Lawyers of San Diego, and the Southwest Center for Asian Pacific American Law. Dr. Liang received his Bachelor of Science degree at Massachusetts Institute of Technology, Ph.D. at the University of Chicago Harris School of Public Policy Studies, M.D. at Columbia University College of Physicians & Surgeons, and J.D. at Harvard Law School.

### **Scott Parrish, MD, FCCP**

Dr. Parrish is the Chairman of Critical Care Medicine at Naval Medical Center, San Diego. He is trained and board certified in the specialties of Internal Medicine, Pulmonary Medicine, and Critical Care. Prior to subspecialty training he served as the General Medical Officer/Radiation Health Officer aboard the USS Arkansas. Current Active Research includes protocols in Sepsis, Acute Respiratory Distress Syndrome and Pulmonary Edema. Dr. Parrish is actively involved in the ACCP Disaster Response Network and he has spoken on various topics including aspects of Terrorism with Ionizing Radiation as well as aspects of bioterrorism and use of chemical weapons. His recent public articles in the field of disaster response include Vesicants and Nerve Agents in Chemical Warfare, and Toxic Inhalation Injury.

### **Sonja Ingmanson, MPH**

Emergency preparedness consultant with the Native American Alliance for Emergency Preparedness (NAAEP) and for the San Diego State University Research Foundation (SDSURF). Before joining the NAAEP collaborative, she worked as a Project Coordinator for the University of California, Los Angeles Center for Public Health and Disasters and as a Research Assistant at the Institute for Public Health at San Diego State University. She has designed and facilitated many disaster preparedness workshops and table top exercises, evaluated workshops and conferences, and she is currently planning a conference on Global Disease Surveillance for August 2006. Ms. Ingmanson did her

***Global and Border Emergency Preparedness:  
1<sup>st</sup> Annual SDSU GEPAR Public Health Summer Institute***

undergraduate studies at the University of California Santa Barbara and through the Semester at Sea study abroad program, and received her Masters Degree in Public Health: Environmental Health and Safety at San Diego State University. Her research has included toxicity studies of MTBE by-products and DNA isolation and genotyping of Mexican obstetric placental tissue in order to measure the effects of pollutants on variable genotypes of Glutathione S-transferase Pi genes.