

# The CFIDS Association of America

*Working to make CFS widely understood, diagnosable, curable and preventable*

## Scientific Advisory Board Biographies

### **Lucinda Bateman, M.D.**

*Founder, Fatigue Consultation Clinic, Salt Lake City*

Dr. Bateman completed medical training at the John Hopkins School of Medicine, residency at the University of Utah, and is certified by the American Board of Internal Medicine. She started a small private group practice in 1991 and practiced general internal medicine until 2000.

In 2000, Dr. Bateman opened the Fatigue Consultation Clinic and has since evaluated more than 1000 patients with chronic fatigue. She has lectured extensively on issues relating to CFS and fibromyalgia. Dr. Bateman's goal in establishing her fatigue consultation clinic and the non-profit organization OFFER (the Organization for Fatigue and Fibromyalgia Education and Research) is to encourage a more thoughtful evaluation process, sharing of information with patients and medical providers, and cooperative research efforts aimed at understanding the cause(s) of CFS/ME and FMS.

Dr. Bateman has served on the boards of the International Association of Chronic Fatigue Syndrome (IACFS/ME) and the CFIDS Association of America. She is the co-founder and current executive director of OFFER. Her decision to become more focused on the diagnosis and management of CFS/ME and FM was inspired by the suffering of her sister, Shauna Bateman Horne, who had CFS for 15 years before she was diagnosed with non-Hodgkins lymphoma in 2000 and died from complications of a stem cell transplant in May of 2001.



### **Italo Biaggioni, M.D.**

*Professor of Medicine, Professor of Pharmacology, Vanderbilt University*

Dr. Biaggioni's basic research focuses on the clinical and molecular pharmacology of adenosine, and its role in normal physiology and disease states. His clinical research focuses on the interaction between neural (autonomic) and metabolic (adenosine, nitric oxide) mechanisms that regulate blood pressure. Their goal is to define the role of the autonomic nervous system in blood pressure disorders to develop targeted therapies.

Dr. Biaggioni leads one of a handful of national referral centers for the evaluation of patients with disorders of the autonomic nervous system. These include patients with various forms of orthostatic hypotension (pure autonomic failure and multiple system atrophy-Shy Drager syndrome), orthostatic intolerance (POTS, mitral valve prolapse syndrome), syncope, and autonomic forms of hypertension (paroxysmal hypertension, baroreflex failure). They run a complete autonomic laboratory that includes autonomic reflex testing, tilt table testing, microneurography (direct recording of sympathetic traffic), measurement of plasma catecholamines and metabolites, and estimation of norepinephrine spillover.



**Gordon Broderick, Ph.D.**

*Associate Professor, Pulmonary Medicine, Department of Medicine, Faculty of Medicine and Dentistry, University of Alberta*

An engineer by training, Dr. Broderick holds a doctorate in chemical engineering from the University of Montreal (Ecole Polytechnique de Montreal) as well as a Master's in chemical engineering and an undergraduate in mechanical engineering both from McGill University. After 12 years in private sector research and additional training in computational genomics, he joined the Institute for Biomolecular Design (University of Alberta) in 2002 to lead the CyberCell computational team in creating a dynamic spatial model of a living cell. Building on this study of complex emergent behavior in biology Dr. Broderick's current research efforts are focused on understanding immune dysfunction and autoimmunity from an integrated systems perspective. In particular his group is investigating how subtle imbalances in the interplay between the immune system's multiple components as well as its interactions with the endocrine and nervous systems may lead to complex disorders such as Gulf War Illness and chronic fatigue syndrome (CFS).



To this end his group is developing and using analytical approaches rooted in information theory and formal dynamic systems theory to infer biological structure and function from large-scale molecular and cellular assays. In this way they hope to map the communication network linking the nervous, endocrine and immune systems and to decipher its principles of operation. Dr. Broderick's eventual goal is not only to tap into pathogenic endocrine-immune conversations but more importantly to re-direct these conversations with a limited number of well-chosen and well-timed pharmaceutical messages. This research is founded on the premise that for immune and hormone-based therapies to be both safe and effective these systems must be considered as an integrated whole.

**Russell L. Bromley, B.A.**

*Principal, TRAC Consulting*

In 2010 Mr. Bromley formed TRAC Consulting to assist non-profit medical research organizations in Translational Research Acceleration via Collaboration. TRAC Consulting specializes in designing and implementing strategic research plans, and collaborative operational models, that are aligned with an organization's mission and the unmet medical needs of patients. Prior to founding TRAC Consulting he served for seven years as the chief operating officer of the Myelin Repair Foundation where he was instrumental in the creation, implementation and evolution of the MRF Accelerated Research Collaboration™ model. His principal responsibilities included development and execution of the MRF research plan, identification and protection of resulting intellectual property, and development of relationships with a broad range of academic and commercial organizations.



Mr. Bromley brings a unique combination of business experience in both academic and commercial research environments. His expertise includes the creation and protection of innovative technologies, business development, and marketing strategy for high tech and life science companies. Formerly he was CEO of LabVelocity, Inc., an Internet information portal for the life science research community. Prior to that he was CEO of Berkshire Holding Corporation, a privately held, multinational manufacturer of supplies for microelectronics and pharmaceutical production. Mr. Bromley's prior experience also includes 17 years with American Hospital Supply Corporation and Baxter Healthcare, in both the diagnostics and distribution businesses, culminating with seven years as President of the Burdick and Jackson division. Mr. Bromley holds a degree in biochemistry from Rice University.

**Lin Chang, M.D.**

*Professor of Medicine, UCLA Department of Medicine - Division of Digestive Diseases, David Geffen School of Medicine, UCLA; Co-Director, UCLA Center for Neurovisceral Sciences and Women's Health (CNS/WH)*

Dr. Chang is a professor of medicine in the Division of Digestive Diseases and Department of Medicine at the David Geffen School of Medicine at UCLA. She is the co-director and head of the clinical program at the Center for Neurovisceral Sciences & Women's Health and Director of the Women's Digestive Health Center at UCLA. Dr. Chang's main area of research is the pathophysiology of irritable bowel syndrome (IBS) with particular interests in the overlap of IBS with fibromyalgia, as well as gender differences and neuroendocrine alterations. She is an NIH-funded investigator studying the central and peripheral mechanisms underlying IBS. She has also been an investigator on a number of clinical trials for functional bowel disorders. She is a member of the American College of Gastroenterology, the American Gastroenterological Association, and the Society for Neuroscience. Dr. Chang serves on the Rome Foundation Board. She is President-Elect of the American Neurogastroenterology and Motility Society-Functional Brain-Gut Research Group (ANMS-FBG). Dr. Chang recently completed a 4-year term on the FDA GI Advisory Committee. Dr. Chang has multiple publications in peer-reviewed journals and textbooks. She has given over 100 lectures at national and local meetings.



**Paul R. DeStefano, J.D.**

*Partner, McDermott Will & Emery LLP*

Mr. DeStefano is a member of the MWE's Health Industry group, and the firm's Life Sciences & Medical Devices group. Paul specializes in strategic planning related to the formation, finance and operations of start-up companies in the biotech industry. He is based in the firm's Silicon Valley office.

Mr. DeStefano is a former chief legal officer of Genentech, Inc., having served in that capacity for six years, two of them on the company's management committee. He was also involved as counsel in raising over \$300 million in "strategic alliances" and over \$200 million in R&D limited partnerships. Paul speaks and writes regularly on legal and technology issues, particularly those related to the biological sciences.

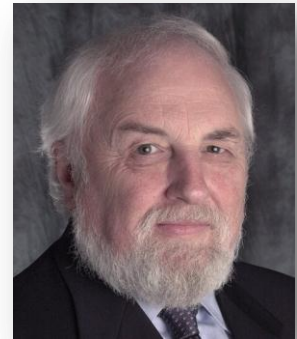


Mr. DeStefano has served as an advisor to the Robert Wood Johnson Foundation and National Academy of Sciences on the commercialization of human gene therapy. He has also acted as an advisor to the Institute of Medicine, National Academy of Sciences on vaccine liability issues. Paul was appointed to the California AIDS vaccine advisory panel by the governor of California and invited as a witness before the Presidential Commission on the Human Immunodeficiency Virus Epidemic. He served as an advisor to the Scottish Development Agency and the Weizmann Institute of Israel on the commercialization of local-origin technologies, and as a consultant to the Conservation Foundation and United Nations Human Settlements Convention.

**Roger Dodd, Ph.D.**

*Vice President, Research and Development and Director, American Red Cross, Holland Laboratory*

Dr. Dodd obtained his BSc in biochemistry at the University of Sheffield in 1964. He worked as a scientific officer in the Ministry of Defence (UK) for about six years, when he left for the United States to join the American Red Cross, where he has worked for the past 40 years. He rapidly developed his research interest in transfusion-transmitted infections. During that time, he obtained his Ph.D. in microbiology at the George Washington University in 1978. His primary research interest is the epidemiology of transfusion transmitted infections, with particular reference to emerging infections. Dr. Dodd is responsible for the Red Cross research programs supporting its blood program. He has more than 175 publications and has edited three books on transfusion transmitted infections. He has been an Advisor to the World Health Organization and he serves on the editorial boards of *Transfusion*, *Transfusion Medicine*, and *Transfusion Medicine Reviews* and is a past president of the American Association of Blood Banks (AABB). He has received the Morten Grove-Rasmussen and Emily Cooley Memorial Awards from the AABB, a Tiffany Award from the American Red Cross, and the John Snow award from the American Public Health Association. Dr. Dodd serves as a member of the DHHS Blood XMRV Scientific Research Working Group and the AABB Interorganizational XMRV Task Force for blood.



**Nancy Klimas, M.D.**

*Professor, University of Miami, Miller School of Medicine*

Dr. Klimas is board certified in internal medicine and diagnostic laboratory immunology. She is also the director of the Allergy and Immunology Clinic at the University of Miami. Dr. Klimas is Director of Research for the Clinical AIDS/HIV Research at the Miami Veterans Affairs Medical Center.

A leader in the field of CFS research, Dr. Klimas is the past-president of the International Association for Chronic Fatigue Syndrome/ME. Dr. Klimas was the principal investigator of the National Institute of Health's (NIH) Center for Multidisciplinary Studies of CFS Pathophysiology at the University of Miami. Dr. Klimas serves on the U.S. Department of Health and Human Services CFS Advisory Committee. She is the founding editor of the *Journal of Chronic Fatigue Syndrome* and has more than 125 peer reviewed papers, 3 books and 19 invited chapters.



**Kelly Morren, B.S.**

*Vice President, Jones Lang LaSalle*

Ms. Morren is vice president of Jones Lang LaSalle's Strategic Consulting organization, based in Denver, CO. She is an engagement leader for the Workplace Solutions practice, with responsibility for client relationships, workplace strategy development, change management and product/service development. Her work focuses on the strategy, planning and management of complex transitions balancing strategic, financial and tactical perspectives.

Ms. Morren is a skilled strategist and big-picture thinker. She brings a diverse background in program office leadership, project construction management, lease transaction management, facilities operations and workplace strategy transformation. Her areas of expertise include innovative workplace strategy, robust



customer engagement process, change management, sigma based process development/re-engineering, cross-cultural/diverse team collaboration and major transition project management. She has more than 20 years' experience in the Americas, Europe and Asia Pacific. Prior to joining Jones Lang LaSalle, Ms. Morren was principal owner of Integrated Strategy and was a regional workplace manager for Sun Microsystems Inc. She has lived and worked in London and Taipei.

**Dimitris A. Papanicolaou, M.D.**

*Merck Research Laboratories*

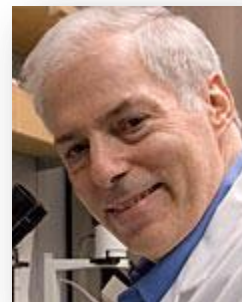
After he received his medical degree at Athens University in Greece and completing his internal medicine training at Yale University, Dr. Papanicolaou was a staff researcher in the Pediatric and Reproductive Endocrinology Branch, National Institute of Child Health and Human Development, National Institutes of Health. He joined the staff of Emory University as an assistant professor in 2000. In 2005, he took a research and development position at Merck Research Laboratories. Dr. Papanicolaou's research interests focus on cytokines, particularly interleukin-6, in healthy and disease states. His interest in CFS research began with his work at Emory University; he has also studied sarcopenia, chronic insomnia, the effect of COX-2 selective inhibitors in acute and chronic pain conditions. Dr. Papanicolaou served on the CFIDS Association's Board of Directors from 2005-2010.



**Robert H. Silverman, Ph.D.**

*Staff and Professor, Mal and Lea Bank Chair, Department of Cancer Biology, Lerner Research Institute, Cleveland Clinic*

Dr. Silverman is dedicated to investigating antiviral innate immunity in health and disease. His studies are focused on RNase L, a key protein in the interferon response against many viral pathogens. Dr. Silverman also studies the role of viruses and human genetics in prostate cancer. Together with collaborators Joseph DeRisi and Don Ganem (UCSF) and Eric Klein (Cleveland Clinic), he discovered the retrovirus, xenotropic MLV related virus (XMRV), during studies on prostate cancer. He has mentored 10 Ph.D. students and 27 postdoctoral fellows. His awards include the Milstein Award (International Society for Interferon and Cytokine Research), F. Mason Sones Innovation Award (Cleveland Clinic), and Standing Tall Award (American Cancer Society) and he was a Harold L. Stewart Lecturer (Uniformed Service University of the Health Sciences). He is a Fellow of the American Association for the Advancement of Science and the American Academy of Microbiology. Dr. Silverman serves on the AABB Interorganizational XMRV Task Force for blood.



**Vincent R. Racaniello, Ph.D.**

*Higgins Professor, Department of Microbiology and Immunology, Columbia University's College of Physicians and Surgeons*

Dr. Racaniello has studied viruses including poliovirus, echovirus, enterovirus 70, rhinovirus, and hepatitis C virus. As principal investigator he oversees the research that is carried out by Ph.D. students and postdoctoral fellows. He also teaches virology to undergraduate and graduate students, as well as medical, dental, and nursing students. As an esteemed member of the scientific community, Dr. Racaniello has received several awards including Irma T. Hirsch, Searle Scholars, Eli Lilly and NIH Merit. He has also been a Harvey Society Lecturer at Rockefeller University, the Hilleman Lecturer at the University of Chicago, and University Lecturer at Columbia University. Dr. Racaniello has served on the editorial boards of scientific



journals, including the Journal of Virology, and is a community editor for the open access journal PLOS Pathogens. He is one of four authors of *Principles of Animal Virology*, the textbook used for many undergraduate, medical and post-graduate virology courses. He hosts several popular science podcasts including “This Week in Virology” and writes Virology Blog.