



Nominations for Appointment to the Grants Working Group (GWG)

Appointment of New Members

Cesar Borlongan, PhD

Cesar V. Borlongan is Professor and Vice-Chairman for Research at USF Department of Neurosurgery and Brain Repair, and Director of USF Center of Excellence for Aging and Brain Repair. He received his PhD in physiological psychology at Keio University in Tokyo, Japan. He then pursued fellowships in neuroscience at the University of South Florida and the National Institutes of Health (NIH). He previously held the position of Professor in the Department of Neurology at the Medical College of Georgia.

Dr. Borlongan's translational bench to clinic research has led to 4 FDA-approved clinical trials of cell transplantation in stroke, including the world's first cell therapy in stroke patients. He is an author of more than 310 peer-reviewed publications, lead editor of 2 books, and serves as editorial board member of many scientific journals, including Stroke, Journal of Cerebral Blood Flow and Metabolism, Stem Cells, PLoS One, and Brain Research. He has been a regular study section member of NIH NOMD and VA NURE, and has been ad hoc member for many other NIH, VA, and DOD study sections, and several other various national and international funding agencies. He has served as the Chairman of the State of Maryland Stem Cell Research Fund for the past 5 years and has Co-Chaired the AHA National Study Group on Regenerative Biology since 2012. He has been elected over the last 3 years as Vice President of the International Placenta Stem Cell Society, and is the incoming President-Elect for 2015. He is also the President-Elect of American Society for Neural Therapy and Repair for 2015. He was also competitively elected in 2012 as a AAAS Fellow.

Glenn R. Gaudette, Ph.D.

Glenn Gaudette is an Associate Professor in the Department of Biomedical Engineering at the Worcester Polytechnic Institute in Connecticut. He received his diploma in mechanical engineering from the University of Massachusetts at Dartmouth in 1989 and a Masters degree in mechanical engineering in 1992 from the Georgia Institute of Technology. From 1992-1997, he served as a Senior Research Assistant at Harvard Medical School/Beth Israel Deaconess Medical

Center in the Division of Cardiothoracic Surgery. He received his Ph.D. in biomedical engineering in 2002 from the State University of New York at Stony Brook. Later in 2002, Dr. Gaudette served as the Director for Cardiothoracic Surgery Research at the State University of New York at Stony Brook and joined the Department of Surgery as an Assistant Professor. In 2006, he joined Worcester Polytechnic Institute as an Assistant Professor.

Dr. Gaudette's research focuses on the development of a treatment for cardiovascular diseases (including myocardial infarction) and the regeneration of mechanical and electrophysiological function in the heart. His work also involves the induction of adult myocytes in to the cell cycle and the differentiation of adult stem cells into cardiac myocytes. Dr. Gaudette's lab also specializes in techniques to confirm that the regenerated tissue is mechanically active and has developed a method for accurately measuring regional function at very high spatial resolution in the heart. His lab has also developed techniques to deliver stem cells with high engraftment efficiency using a novel suture-based method.

Dr. Gaudette has 18 years of experience in the cardiac research field, including 10 years in cardiac surgery research. He is a Scientific Advisory Board member for the Massachusetts Life Sciences Center and is a member of the Biomedical Engineering Society, American Heart Association, American Society of Mechanical Engineering, Society of Experimental Mechanics, and the International Society of Applied Cardiovascular Biology. Dr. Gaudette has received number honors and awards for his research and teaching efforts including an Innovation Award from the Long Island Tech Hall of Fame, Sigma Xi Senior Faculty Research Award, and Teacher of the Year. Dr. Gaudette has a commitment to education as he currently teaches biomedical engineering design, biomechanics, physiology and tissue engineering, and he has contributed significantly to developing engineering curricula and training programs. His research has been supported by government (National Institutes of Health), nonprofit (American Heart Association), and private agencies (Synovis Life Technologies).

Reappointment of Scientific Members to the Grants Working Group

Grants Working Group Members originally appointed in 2008 have terms that are now expiring or just expired. We are seeking the reappointment of the individuals listed in the table below. Their updated biographies follow. In accordance with the rules set forth by Proposition 71, reappointments should be staggered into thirds, each with a 2, 4, or 6-year term.

Proposed Reappointments to GWG

Last	First	Term (Yrs.)	Expertise
Harfe	Brian	4	Developmental Biology; microRNA

Brian Harfe PhD

Brian Harfe is the Associate Professor and Director of the Program in Developmental Genetics at the University of Florida College of Medicine. Dr. Harfe earned a BS (honours) degree from the University of Glasgow, Scotland, followed by a PhD investigating muscle development in the nematode *C. elegans* in the laboratory of Dr. Andrew Fire (2006 Nobel Prize winner for his discovery of RNAi) at Johns Hopkins University. After completing his PhD he moved to Emory University for a postdoctoral position working on DNA damage repair pathways in yeast. In 2000, he began a second postdoctoral position at Harvard Medical School working on the molecular pathways responsible for limb formation, using the mouse and chick model systems. In 2003, Dr. Harfe became an Assistant Professor in the Molecular Genetics and Microbiology Department at the University of Florida College of Medicine.

Current projects in the Harfe laboratory include investigating limb and intervertebral disc development using the mouse and chick model systems. He has published >90 papers and his research is supported by the NIH and private foundations. Dr. Harfe teaches graduate, medical and undergraduate students and has received five Exemplary Teacher awards in the past six years. From 2010-2013 he was a University of Florida Provost Fellow in the Office of the Provost and worked with the Senior Vice Presidents and Deans on projects including RCM budgeting, SACS Accreditation and curriculum development.