

SER-CAT AWARD WINNERS

Golden Magnolia Award

- 2007 **Dr. Bi-Cheng (B.C.) Wang**, SER-CAT Director, was recognized by the SER-CAT Executive Board and colleagues for his ten years of dedicated service and conscientious guidance of the program from inception to SER-CAT's current status as one of the most productive beamlines in the nation.

SER-CAT Service Award

- 2006 **Mr. Michael Cassidy**, President and CEO of the Georgia Research Alliance (GRA), received the first SER-CAT Service Award for his vision and GRA's financial support towards SER-CAT during the initial stages of its development.

Outstanding Science Award

- 2005 **Dr. Lorena Beese** of Duke University, recognizing the scientific impact of her work in DNA polymerase studies related to the understanding of cancers and aging, as published in *Nature* and *Cell*.
- 2006 **Dr. Bin Zhao** from Vanderbilt University Medical Center for his work in the "Role of active site water molecules and substrate hydroxyl groups in oxygen activation," which was published in *The Journal of Biological Chemistry*.
- 2007 **Dr. Michael Wiener** of the University of Virginia for his paper entitled, "*Outer membrane active transport: Structure of the BtuB: TonB complex.*"
- 2008 **Dr. Dmitry Vassilyev** of University of Alabama at Birmingham in recognition of his works on "*Structural basis for substrate loading in bacterial RNA polymerase*" and "*Structural basis for transcription elongation by bacterial RNA polymerase.*"
- 2009 **Dr. James Hurley** of NIDDK, NIH in recognition of his work on "*Midbody targeting of the ESCRT machinery by a noncanonical coiled in CEP55*".
- 2010 **Dr. Xinhua Ji** of the National Cancer Institute, National Institutes of Health received the 2010 SER-CAT Outstanding Science Award in recognition of his work on "*Structure of ERA in complex with the 3' end of 16S rRNA: implications for ribosome biogenesis*".
- 2011 **Dr. Fred Dyda** of NIDDK, National Institutes of Health received the 2011 SER-CAT Outstanding Science Award in recognition of his work on "*G domain dimerization controls dynamin's assembly-stimulated GTPase activity*".
- 2012 **Dr. Peter D. Kwong** of NIAID, National Institutes of Health received the 2012 SER-CAT Outstanding Sciences Award in recognition of his work on "*Structure of HIV – 1 gp120 V1/V2 domain with broadly neutralizing antibody PG9*".
- 2013 **Dr. Susan Buchanan** of NIDDK, National Institutes of Health received the 2013 Outstanding Sciences Award in recognition of her work on "*Structural basis for iron piracy by pathogenic Neisseria*".

- 2014 **Dr. Samuel H. Wilson** of NIEHS, National Institutes of Health in recognition of his work on “*Observing a DNA polymerase choose right from wrong*”.
- 2015 **Dr. Xiaodong Cheng** of Emory University in recognition of his work on “*Structure of a Naegleria Tet-like dioxigenase in complex with 5-methylcytosine DNA*”
- 2016 **Dr. Paul Shaffer** of Amgen, Inc. in recognition of his work on “*Crystal structure of human glycine receptor-α3 bound to antagonist strychnine*”

Young Investigator’s Award

- 2005 **Dr. Nicole LaRonde-LeBlanc** of the National Cancer Institute recognizing her work on “RIO serine kinases,” which was published in *Structure*.
- 2006 **Dr. Jianhua Gan** of the National Cancer Institute for his work in the “*Structural biology of double stranded RNA processing by ribonuclease III.*”
- 2007 **Dr. Ping Liu** of Georgia State University for her work on “*Crystal structure of the Geobacillus stearothermophilus carboxylesterase Est55 and its activation of prodrug CPT-11,*” which has also been published in the *Journal of Molecular Biology*.
- 2008 **Dr. Da Jia** of Emory University in recognition of his work on “*Structure of Dnm3a bound to Dnmt3L suggests a model for de novo DNA methylation.*”
- 2009 **Mr. Guoxing Fu** of Georgia State University in recognition of his work on “*Structural Basis for Substrate Specificity of Executioner Caspses*”.
- 2011 **Mr. Stefan Gajewski** of St. Jude Children's Research Hospital in recognition of his work on “*Crystal Structure of the Phage T4 Recombinase UvsX and Its Functional Interaction with the T4 SF2 Helicase UvsW*”.
- 2012 **Dr. Jason Stagno** of NCI, National Institutes of Health in recognition of his work on “*Structural basis for RNA recognition by NusB and NusE in the initiation of transcription antitermination.*”
- 2013 **Dr. Matthew J. Schellenberg** of NIEHS, National Institutes of Health in recognition of his work on “*Repair of 5'-topoisomerase II-DNA adducts by mammalian tyrosyl-DNA phosphodiesterase 2*”.
- 2014 **Dr. Edward Pryor** of the University of Virginia in recognition of his work on “*Structure of the integral membrane protein CAAX protease Ste24p*”.
- 2016 **Mr. Marc Schureck** of Emory University in recognition of his work on “*Defining the mRNA recognition signature of a bacterial toxin protein*”