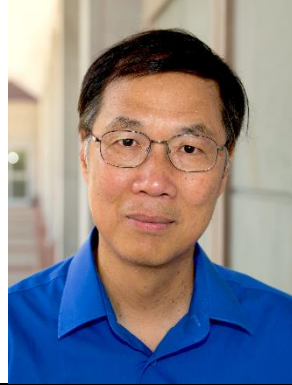


CAB Global Biomaterials Leadership Award

Name: Kam W Leong
Current position: Samuel Y Sheng Professor
Institution: Columbia University



Biography

Kam W. Leong is the Samuel Y. Sheng Professor of Biomedical Engineering and Systems Biology at Columbia University. Focusing on research directions of nonviral in vivo gene editing, oral delivery of biologics, biomaterials-mediated inflammation modulation, and iPSC-based microphysiological systems, Leong has published ~400 peer-reviewed research manuscripts with ~50,000 citations and an h-index of 115, and holds more than 60 issued patents. He is the Editor-in-Chief of *Biomaterials*, and a member of Academia Sinica, the USA National Academy of Inventors and the USA National Academy of Engineering.

CAB Global Biomaterials Leadership Award

Name: David L. Kaplan

Current position: Professor, Department of Biomedical Engineering

Institution: Tufts University



Biography

David Kaplan is the Stern Family Endowed Professor of Engineering at Tufts University, Distinguished University Professor, and Professor and Chair of the Department of Biomedical Engineering. His research focus is on biopolymer engineering and on tissue engineering and regenerative medicine. His lab has published over 900 peer reviewed papers, he is the editor-in-chief of *ACS Biomaterials Science and Engineering*, and he serves on many editorial boards and programs for journals and universities. He has received awards for teaching, Elected Fellow American Institute of Medical and Biological Engineering, and received the Society for Biomaterials Clemson Award for contributions to the literature.

CAB Mid-Career Award

Name: Jingwei Xie
Current position: Associate Professor
Institution: University of Nebraska Medical Center



Biography

Jingwei Xie received his B.S. (1999) and M.S. (2002) from Nanjing University of Technology, China, and his Ph.D. from the National University of Singapore (2007). He worked as a postdoctoral fellow in the Xia group at Washington University in St. Louis (2007-2010). He is currently an Associate Professor in the Department of Surgery and Holland Regenerative Medicine Program at the University of Nebraska Medical Center (UNMC). He has won several prestigious awards including Most Promising New Invention Award at UNMC (2017) and Maurer Scientific Achievement Award (2019). His research interests include biomaterials, drug delivery, wound healing, hemostasis, and regenerative medicine.

CAB Mid-Career Award

Name: Yi Hong
Current position: Associate Professor
Institution: Bioengineering of University of Texas at Arlington



Biography

Dr. Yi Hong achieved his PhD in 2005 at Zhejiang University, and then worked as a postdoc in the University of Pittsburgh (2006~ 2012). After joined UTA in 2012, his research focuses on functional biomaterials for tissue repair and regeneration, and drug delivery applications in cardiovascular diseases, cancer, and women and children healthcare. He has published over 80 papers, and applied/issued 12 patents as well as over 130 conference abstracts. Dr. Hong received many awards, such as NSF CAREER award (2016), College of Engineering Outstanding Early Career Award (2018), Junior Investigator Award of BMES ABioM-SIG (2018), and College of Engineering Excellence in Research Award (2020). He was elected as a Fellow of American Heart Association (2017).

CAB Young Investigator Award

Name: Y. Shrike Zhang
Current position: Assistant Professor of Medicine
Institution: Harvard Medical School



Biography

Dr. Zhang received a B.Eng. in Biomedical Engineering from Southeast University, China (2008), a M.S. in Biomedical Engineering from Washington University in St. Louis (2011), and a Ph.D. in Biomedical Engineering at Georgia Institute of Technology/Emory University (2013). Dr. Zhang is currently an Assistant Professor at Harvard Medical School and Associate Bioengineer at Brigham and Women's Hospital. Dr. Zhang's research is focused on innovating medical engineering technologies, including bioprinting, organs-on-chips, microfluidics, and bioanalysis, to recreate functional tissues and their biomimetic models towards applications in precision medicine. He is an author of >185 publications and has delivered >120 invited lectures globally.

CAB Young Investigator Award

Name: Eun Ji Chung

Current position: Assistant Professor of Biomedical Engineering

Courtesy: Dept. of Chemical Engineering and Materials Science

Dept. of Medicine, Nephrology and Hypertension

Dept. of Surgery, Vascular Surgery and Endovascular Therapy

Karl Jacob Jr. and Karl Jacob III Early Career Chair

Institution: University of Southern California



Biography

Dr Eun Ji Chung is an Assistant Professor in the Department of Biomedical Engineering at the University of Southern California and the Karl Jacob Jr. and Karl Jacob III Early Career Chair. Her laboratory is interested in harnessing molecular design and self-assembly to develop nano-to macroscale biomaterials that can be utilized in medicine. She received her B.A. with honors in Molecular Biology from Scripps College, her Ph.D. from the Department of Biomedical Engineering from Northwestern University, and her postdoctoral training from the University of Chicago. She has been recognized with several awards including the NIH K99/R00 Pathway to Independence Award (2014) and the NIH Director's New Innovator Award (DP2, 2018).

CAB Trainee Award

Name: Xuehui Zhang
Current position: None
Institution: Peking University School and Hospital of Stomatology



Biography

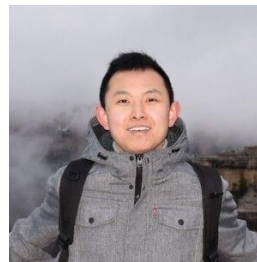
Dr. Xuehui Zhang, male, born in September 1985 and gained his PhD degree in Jilin University in 2012. He is now serving as an Associate Professor in the Department of Dental Materials, Peking University School and Hospital of Stomatology. He has won the 2016 Young Elite Scientist Sponsorship Program by CAST. The research interest of Dr. Zhang is the functional design and performance evaluation of biomaterials for bone and dental restoration. Dr. Zhang has published 21 peer-reviewed papers in international journals, such as Adv. Mater., Adv. Funct. Mater. and Biomaterials, and has applied for 17 national invention patents in China.

CAB Trainee Award

Name: Peng Shi

Current position: Postdoctoral Fellow

**Institution: Department of Biomedical Engineering
College of Engineering, The Pennsylvania State University**



Biography

Dr. Peng Shi is currently a post-doctoral fellow in the Department of Biomedical Engineering at Pennsylvania State University. He got his Ph.D. degree in inorganic chemistry from Changchun Institute of Applied Chemistry, Chinese Academy of Sciences in 2016. His research interests include developing novel biomaterials for functionalization of live cells and investigating the application of engineered cells in cell-based therapy. He has published 9 first author papers in top journals including *Nat Commun*, *Angew Chem Int Ed* and *Adv Mater*, and 10 co-author papers. His work has been highlighted by many review articles and numerous news media such as ChemistryViews, MaterialsViews and Phys.org.

CAB Trainee Award

Name: Guomin Wang
Current position: Postdoctoral Fellow
Institution: City University of Hong Kong



Biography

Guomin Wang is working as a postdoctoral fellow in City University of Hong Kong. She received her BS, MS and PhD from Nankai University, Peking University and City University of Hong Kong, respectively. Guomin's research interest focuses on multifunctional biomaterials design and she has published 10 papers as the first and/or corresponding author in renowned journals including *Nature Communications*, *Advanced Science*, *Biomaterials*, some of which were featured on the cover or became ESI highly-cited paper. She has also been invited to be reviewers for journals including *Surface & Coatings Technology*, *Plasma Chemistry* and *Plasma Processing*, etc.