



The Gene and Linda Voiland School of  
**Chemical Engineering and  
Bioengineering**  
**2015 Seminar Series**  
**Monday, April 13, 2015**  
**12:10 p.m. Wegner G1**



Yuehe Lin  
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Professor Lin received his B.S. in chemistry from Peking University in 1984 and his first Ph.D. in Analytical Chemistry from Xiamen University in 1991. He came to US in 1991, working with Prof. Joseph Wang as a postdoctoral fellow at New Mexico State University. His research at NMSU focused on bio-catalysis and biosensing in non-aqueous phase. He moved to the University of Idaho for his graduate study and obtained his second Ph.D. in Environmental Chemistry in 1997 under supervision of Prof. Chien M. Wai. His research at the University of Idaho focused on supercritical fluid technology for material synthesis and environmental cleanup. Dr. Lin joined PNNL in 1997 first as a post-doctoral fellow and then as a full-time research scientist in 1998. He was promoted to Senior Research Scientist in 2000 and Chief Scientist in 2004. In 2008, Dr. Lin was named a Laboratory Fellow, the highest rank in DOE national laboratory system. Recently, Dr. Lin assumed a joint position at Washington State University and PNNL. In this joint position, he continues to be a Laboratory Fellow at PNNL and is a full-professor at WSU. He has been actively working in the nanotechnology area, particularly in the development of new nanobioelectronic devices and nanomaterials for biomedical diagnosis and drug delivery. His other research activities include synthesizing functional nanomaterials for energy and environmental applications. His research at PNNL has been funded by NIH, CDC, DOE, and DOD with a total budget ~ \$20M for a total of 22 projects. His research has resulted in ~ 300 publications with a total citation about 15,000 and h-index 68. He is currently a fellow of AAAS, Royal Society of Chemistry, and AIMBE. He serves as editor or editorial board member of over 20 international journals. Dr. Lin is the editor of the Handbook of Electrochemical Nanotechnology and the section editor of the Encyclopedia of Microfluidics and Nanofluidics. He also serves as the North American Editor for the Journal of Nanoscience and Nanotechnology and Member of Editorial Advisory Board of other 18 international journals. Dr. Lin was invited to serve as review panels or proposal reviewer for: 1) NSF, 2) DOE, 3) NIH, 4) Research Corporation, 5) ACS Petroleum Fund, 6) US Department of State, 7) Natural Sciences and Engineering Research Council of Canada, 8) US Army. Dr. Lin has over 10 patents. Half of the patents have been licensed to industrial partners.

Seminar title:

**Functionalized Nanomaterials for Biomedical and Energy Applications**