

# Peking University Bioaerosol Laboratory Bulletin (PKU-BLB) Volume 5, Issue 2

August  
2017

**Congratulations to Prof. Maosheng Yao for winning the National Natural Science Foundation (NSFC) Distinguished Young Scholar Award! (国家杰青) And Congrats to the 600<sup>th</sup> Xiangshan Science Conference!**

Dr. Yao chaired the 600<sup>th</sup> Xiangshan Science Conference together with other 3 colleagues!



北京大学生物气溶  
胶实验室

Beijing, China

**Dr. Yao was awarded the NSFC Distinguished Young Scholar Award! One of the highest awards bestowed to scientists below 45 in China!**

## Scientific Publications

1. Our work “Bacterial pathogens were detected from human exhaled breath using a novel protocol” by Zheng et al 2017 was accepted for publication in J Aerosol Sci



DOI:

<https://doi.org/10.1016/j.jaerosci.2017.12.009>

2. Our work about High Volume Bioaerosol Sampler (HighBioTrap) was accepted for publication in J Aerosol Sci.



DOI:

<https://doi.org/10.1016/j.jaerosci.2017.11.012>



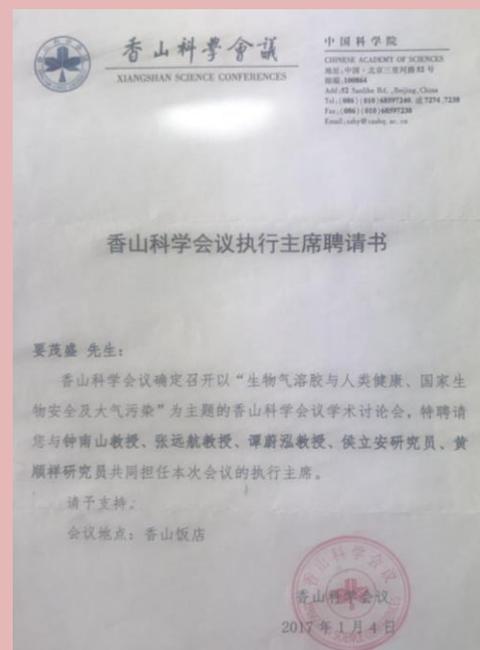
HighBioTrap for bioaerosol sampling.

## Academic Honors

1. Prof. Yao was awarded the National Natural Science Foundation (NSFC) Distinguished Young Scholar Award! Dr. Yao was selected as one of the representatives from 198 awardees of 2017!



2. Dr. Yao was invited to chair the 600<sup>th</sup> Xiangshan Science Conference.



3. Dr. Yao was appointed to be the deputy vice chair for Indoor Environmental Health Branch of China Environmental Sciences Society.



### Academic Conferences

1. The 600<sup>th</sup> Xiangshan Science Conference was successfully held on June 28-29, 2017. Dr. Yao chaired the conference along with other colleagues.



### Other Selected Scientific Activities

1. Dr. Yao participated in the editorial board member meeting during the EAC conference in Zurich.



2. Our laboratory has developed a new technology that can be used to real-time track the living animal biomarkers (dLAbEr) from exposure of particulate matter.



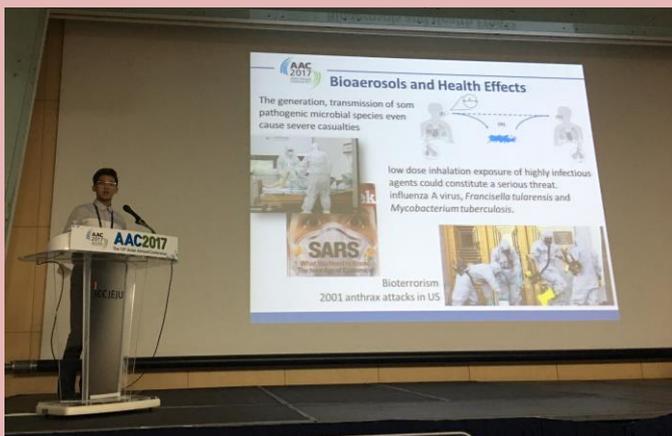
Jing Li



Yunhao Zheng

## Student News

1. Graduate students Haoxuan Chen, Yunhao Zheng, Jing Li and Ting Zhang have given oral presentations during the 2017 Asian Aerosol Conference and also Yunhao Zheng gave a presentation during European Aerosol Conference held in Zurich.



Haoxuan Chen



Ting Zhang

2. Former undergraduate student , now Assistant Professor Minghui Diao gave a talk in our college.



College of Environmental Sciences and Engineering  
Peking University

### 北京大学环境模拟与污染控制国家重点联合实验室学术报告会

Seminar of State Key Joint Laboratory of Environmental Simulation and  
Pollution Control (Peking University)

### Aircraft-based In-Situ Observations of Water Vapor, Clouds and Aerosols from the Microscale to the Global Scale

时间: 10:30-12:00AM, 2017年7月18 地点: 北大环境大楼 B112

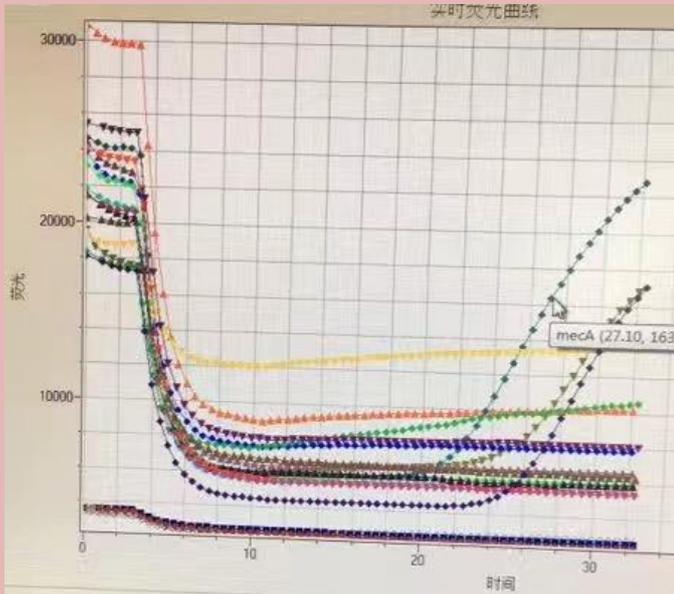


报告人: 刁明慧  
Minghui Diao, PhD  
Assistant Professor

San Jose State University

Dr. Minghui Diao is a tenure-track Assistant Professor at the Department of Meteorology and Climate Science at San Jose State University, CA, USA, since 2015. She did her undergraduate study at Peking University, China. She received the PhD degree from the Department of Civil and Environmental Engineering at Princeton University in 2013. For her postdoctoral research, she received the Advanced Study Program (ASP) fellowship at the National Center for Atmospheric Research (NCAR). She has been involved in several major National Science Foundation (NSF) field campaigns, for conducting atmospheric observations of water vapor and clouds. The fellowships and awards that she received include the NCAR ASP Faculty Fellowship and ASP postdoctoral Fellowship, NASA Earth and Space Science Fellowship (NESSF), Francis Upton Fellowship at Princeton University (the highest graduate fellowship given by the School of Engineering and Applied Mathematics), Walbridge Graduate Award, and two American Geophysical Union Outstanding Student Paper Award in 2009 and 2010.

3. Graduate student Yunhao Zheng, Haoxuan Chen along with Dr. Yao have assisted an ICU child for screening bacterial pathogens and MRSA was found to be responsible for the disease.



Graduate student Kai Wei and Caiji Xu in the bioaerosol office.

4. Graduates Kai Wei and Caijia Xu have graduated with a PhD and Master degrees. Congrats and best wishes to their future.



Dr. Yao pictured with his students Kai Wei and Caijia Xu in bioaerosol laboratory.

Our next issue is expected to be in December 2017 & we look forward to exciting news from our group. For other information, please visit our laboratory web site: [www.yaopkulab.com](http://www.yaopkulab.com). All contents contained in this document are copyrighted and explained by PKU Bioaerosol Laboratory.