

IMPACT

PRESIDENT'S REMARK

Dear AOC members and friends,

It was very nice to 'meet' many of you during the virtual ASABE annual meeting, AOC business meeting, and China Exchange forum. I hope you and your beloved family are doing well during this challenging year. China Exchange forum has been a tradition event hosted by AOC for almost 20 years. The forum serves as a platform for exchanging research frontiers in agricultural food and biological engineering between researchers in China, US and around the globe. This year, we were very fortunate to have five invited speakers joining this forum. These speakers were from different geographical regions and at different stages of their career. I hope you enjoyed and learned from their talks around "Collaborative Research for Sustainable Agriculture", the topic of this forum.

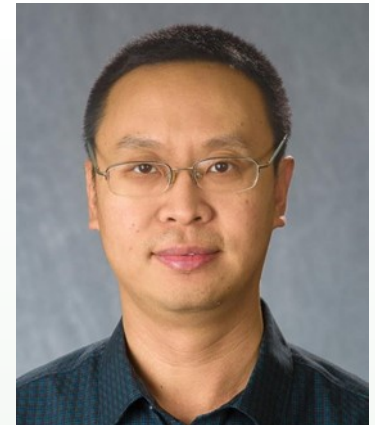
This year, AOC members continued receiving prestigious awards from ASABE. Dr. Yibin Ying was inducted to ASABE Fellow. Dr. Hongwei Xin was winner of the "Lalit and Aruna Verma Award for Excellence in Global Engagement" and Dr. Qin Zhang and his team won the "Rain Bird Engineering Concept of the Year". The following members received recognitions from our professional association: Dr. Lingying Zhao, 2020 AOC Distinguished Career Award; Dr. Yang Zhao, 2020 AOC Early Career Award and Dr. Haiyan Cen, 2020 AOC Outstanding Service Award. Please also join me to congratulate our AOC student members who have won the Graduate Leadership and Service Award, Graduate Scholarly Achievement Award, Graduate Paper Competition Award, and Student Presentation Competition Awards.

Looking back, this association has been with us for 19 years. It has become a family and part of our career and our life. I believe many of you share the same feeling as I do. I am honored and excited about the opportunity to serve as President of the AOC for 2020-21 term. I am working with the executive board members to explore options to address the challenges caused by the pandemic and we will continue to serve the community and promote the impact of AOC. AOC will embrace its 20th anniversary. In the coming year, the executive committee will plan out activities to celebrate the honor and achievement of this great association. I hope to continue receiving support from you and wish everyone the best.

With warmest regards,

Jian Shi

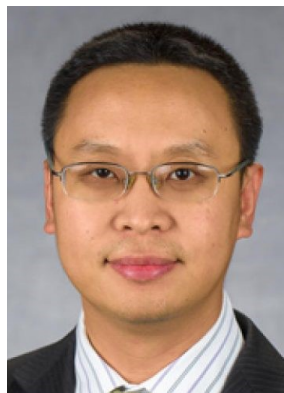
AOC President (2020-2021)



INSIDE THIS ISSUE

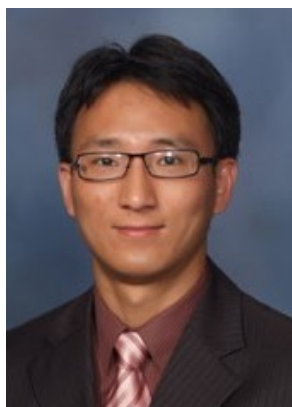
President's Remark	1
AOC Executive Board	2
AOC Institutional Membership	4
2020 Business Meeting	5
China Exchange Forum	6
AOC & ASABE Awards	7
AOC Board Meeting Minutes	13
President Interview	14
Faculty Interview	15
Member News	17
Openings	19

AOC 2020-2021 Executive Board



SHI, JIAN

University of Kentucky
PRESIDENT



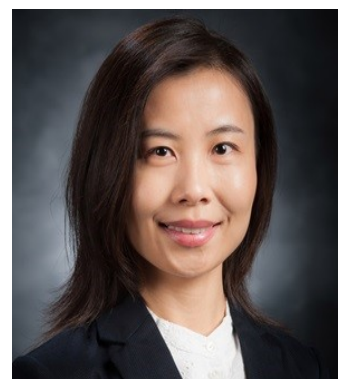
GE, YUFENG

University of Nebraska-Lincoln,
PAST-PRESIDENT



ZHAO, YANG

University of Tennessee
PRESIDENT-ELECT



WU, XIAO

University of Idaho
VICE-PRESIDENT



ZHANG, NAIQIAN

Kansas State University
HONORARY STUDENT
ADVISOR



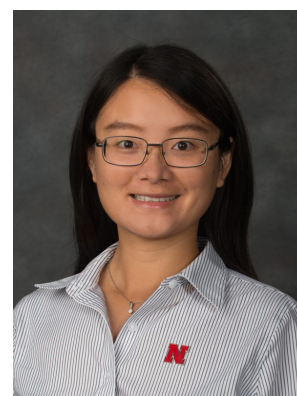
WANG, YINGKUAN

Chinese Academy of
Agricultural Engineering,
EXECUTIVE EDITOR OF IJABE



CHEN, LIPING

NERCITA., China
DIRECTOR OF INSTITU-
TIONAL MEMBERSHIP



SHI, YEYIN

University of Nebraska-
Lincoln,
TREASURER

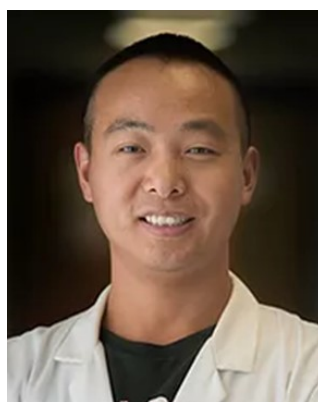
AOC 2020-2021 Executive Board



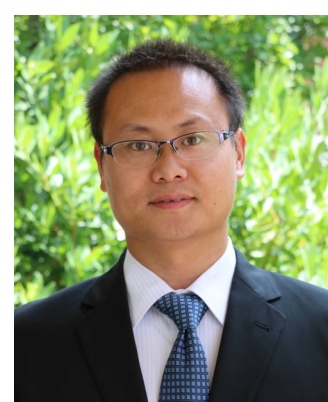
WANG, ZHIWU
Virginia Tech
MEMBER-AT-LARGE



LIU, KAI
City University of
Hong Kong, MEM-
BER-AT-LARGE



LI, MI
University of Tennessee
SECRETARY



CHAI, LILONG
University of Georgia
NEWSLETTER EDITOR



YANG, CE
University of Minnesota
MEMBER-AT-LARGE



BAO, YIN
Auburn University
MEMBER-AT-LARGE



ZHANG, XIMING
Zhejiang University
MEMBER-AT-LARGE
Geographic Unit Rep.



XIANG, LIRONG
Iowa State University
SAC CHAIR

AOC Institutional Membership

中国科学院农业水资源重点实验室	Key Laboratory of Agricultural Water Resources, the Chinese Academy of Sciences
浙江大学	Zhejiang University
新疆兵团农业装备产业联盟	Xinjiang Production and Construction Corps
华南农业大学国家精准农业航空中心	International Precision Agricultural Aviation Center, South China Agricultural University
浙江理工大学机械与自动控制学院	College of Mechanical Engineering and Automation of Zhejiang Sci-Tech University
西北农林科技大学机械与电子工程学院	College of Mechanical and Electronic Engineering, Northwest A&F University
华中农业大学理学院物理系	Department of Physics in College of Science, Huazhong Agricultural University
中国农业大学中欧农业信息技术研究中心	China-EU Agriculture Information Technology Research Center, China Agricultural University
中国农业大学信息与电子工程学院	College of Information and Electrical Engineering, China Agricultural University
沈阳农业大学信息与电子工程学院	College of Information and Electrical Engineering, Shen- yang Agricultural University
南京农业大学工程学院	College of Engineering, Nanjing Agricultural University

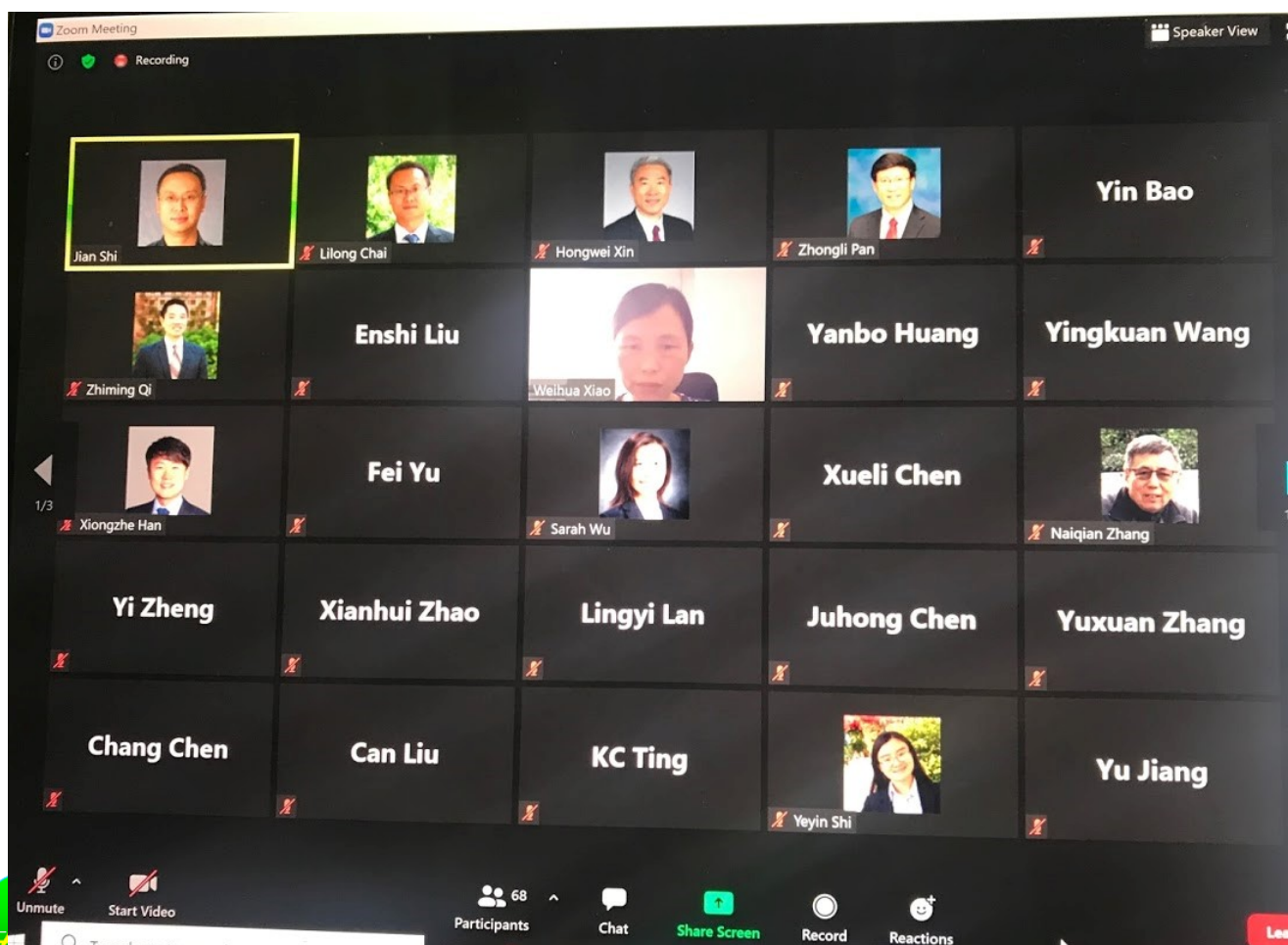
Association of Overseas Chinese Agricultural Biological Food Engineers

2020 BUSINESS MEETING—Virtual

July 15, 2020

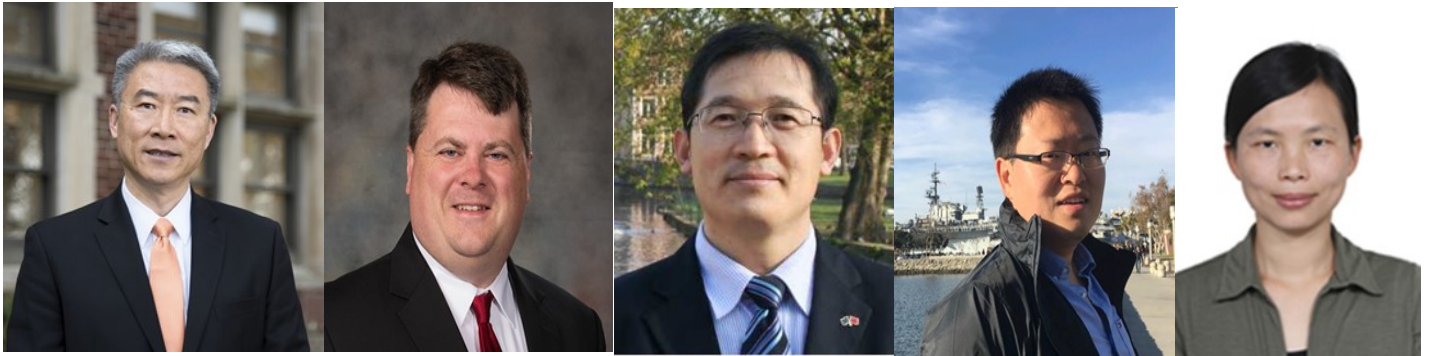
Business Meeting Agenda

1. Introduction (Yufeng Ge).
2. President report (Yufeng Ge).
3. Election of AOC President-Elect and Member-at-Large (Hong Li).
4. Treasurer's report (Yeyin Shi).
5. IMPACT Editors' report (Yi Wang).
6. IJABE Editor-in-Chief 's report (Yingkuan Wang).
7. Student Activity Committee chair's report (Long Chen).
8. Membership Development (Haiyan Cen).
9. ASABE/AOC award winners (Hong Li, Sarah Wu, Yi Zheng).
10. Remark from the new president (Jian Shi).
11. Other business and discussion.



2020 ASABE CHINA EXCHANGE FORUM—Virtual

July 15, 2020



“Topic: Collaborative Research for Sustainable Agriculture”

Introduction: 8:00-8:05 pm (Jian Shi)

8:05-8:30 pm: Dr. Hongwei Xin, University of Tennessee

8:30-8:55 pm: Dr. Mark Wilkins, University of Nebraska-Lincoln

8:55-9:20 pm: Dr. Daoliang Li, China Agricultural University

9:20-9:45 pm: Dr. Ximing Zhang, Zhejiang University

9:45-10:10 pm: Dr. Weihua Xiao, China Agricultural University

Tennessee Livestock

	Cattle & Calves	Broilers	Dairy Products	Equine	Combined Impact
Total Economic Activity to TN	\$943 Million	\$741 Million	\$209 Million	\$41 Million	\$1.93 Billion
Jobs Created	17,170	3,064	524	702	21,460
Number of Head	1,830,000	171,500,000	40,000	112,009	

Real Life Solutions™
 UTAgrRESEARCH INSTITUTE OF AGRICULTURE

Recording

Participants in the meeting include: Jian Shi, Lilong Chai, Hongwei Xin, Zhongli Pan, Yin Bao, Yanbo Huang, Hong Li, Fei Yu, Sarah Wu, Yingkuan Wang, Weihua Xiao, Xueli Chen, Yi Zheng, Xianhui Zhao, Lingyi Lan, Naiqian Zhang, Juhong Chen, Yuxuan Zhang, Chang Chen, Can Liu, KC Ting, Shen Zhang, Yeyin Shi, and Yu Jiang.



2020 AOC Major Awards



Dr. Lingying Zhao

Distinguished Career Award



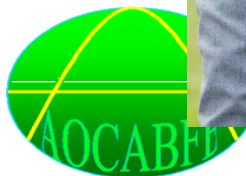
Dr. Yang Zhao

Early Career Award



Dr. Haiyan Cen

Outstanding Service Award



AOC Members Won ASABE Major Awards



Dr. Yibin Ying

ASABE Fellow



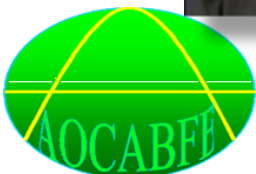
Dr. Hongwei Xin

**Lalit and Aruna Verma Award
for Excellence in Global En-
gagement**



Dr. Qin Zhang

**Rain Bird Engineering Con-
cept of the Year**



2020 AOC Student Awards

Graduate Leadership & Service Award



Can Liu



Lirong Xiang

Graduate Scholarly Achievement Award



Guoming Li



Lingyi Lan

2020 AOC Student Awards

Presentation Competition Award



Jingyao Gai
(1st Place)



Lirong Xiang
(2nd Place)



Xueping Ni
(3rd Place)

Graduate Paper Competition Award



Lirong Xiang
(1st Place)



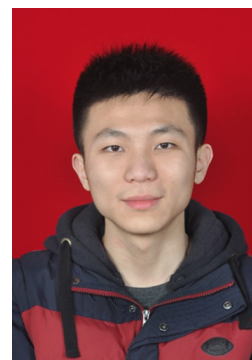
Xueping Ni
(2nd Place)



Chang Chen
(3rd Place)



Guoming Li
(4th Place)



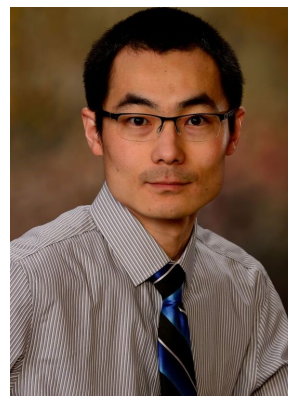
Ziyi Tao
(5th Place)

Retired AOC Executive Board Members



Dr. Hong Li

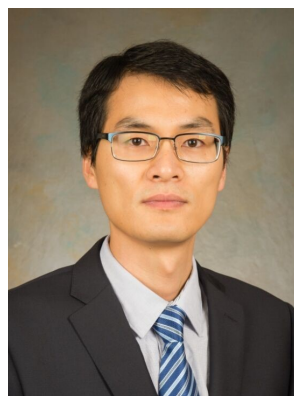
PAST PRESIDENT



Dr. Yi Wang

MEMBER-AT-LARGE

NEWSLETTER EDITOR



Dr. Yi Zheng

MEMBER-AT-LARGE

MEMBERSHIP DEVELOPMENT



Dr. Haiyan Cen

MEMBER-AT-LARGE

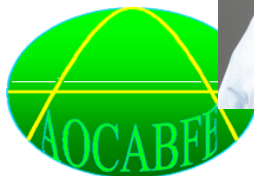
MEMBERSHIP DEVELOPMENT



Dr. Haibo Huang

MEMBER-AT-LARGE

PROFESSIONAL DEVELOPMENT



Professional Development

Online Activity- Career Development

- ✓ Academia in the U.S or China?
 - Dr. Tao Lin, Dr. Kai Liu, Hongjian Lin and Dr. Hao Gan
- ✓ Young professors in the U.S and China
 - Dr. Tao Lin (Zhejiang University), Dr. Kai Liu (City University of Hong Kong), Hongjian Lin (Zhejiang University) and Dr. Hao Gan (University of Tennessee, Knoxville)

AOC Students Gathering

- Sunday, July 7th. 2019, Boston, MA.
- AOC supported
- ~30 students
- Introduce AOC and SAC



2020 AOC Board Meeting Minutes

8-9:30 pm EDT, Aug 19, 2020

Attendants: Jian Shi, Yufeng Ge, Sarah (Xiao) Wu, Yang Zhao, Kai Liu, Yin Bao, Ce Yang, Lilong Chai, Lirong Xiang, Mi Li

Meeting agenda was approved by all attendees (Yang moved, and Kai seconded, all in favor). No additional topic was added.

Jian introduced new members and roles of each board member. All attendees briefly introduced their background, current position, and research areas.

Mi will draft minutes of the AOC annual business meeting (held on July 15, 2020) and email it to the board for edits. Business meeting minutes will be reviewed in next year's business meeting for approval.

Lilong (Newsletter Editor) provided a plan of 2020-2021 AOC Impact Newsletters, which primarily include i) recruitment of 4-5 associate editors; ii) 3-4 issues publication with more expected contents on the 1st issue; iii) interviewing highlight of two or more members (Kai Liu and Ce Yang) per issue; and iv) special recognition of Dr. Naiqian Zhang. Jian brought out the AOC 20-year anniversary special issue, carrying on a tradition of the 10th anniversary special issue; The special issue will be published after 2021 AOC business meeting.

AOC treasurer update was skipped.

AOC membership development plan was briefly discussed. The board may consider increase the membership fee. The current annual due is \$20 for regular member and \$5 one-time fee for student member. The board will continue this discussion and any adjustment will likely need approval at AOC business meeting.

AOC student advising and professional development has been thoroughly discussed. Ce suggested academia workshop, faculty-students interaction events, COVID-19 special topic to reduce students stress, and invited faculty seminars covering topics such job searching and career development. Kai and Yang proposed expanded engagement plan of AOC to major Chinese agricultural institutes to promote our visibility, research collaborations and future graduate student recruitment. Kai, Ximing, and Ce will coordinate to plan a possible activity (one-day AOC introductory camp) this Oct or Nov.

Lirong updated the status of SAC by introducing the current 7 members and their assigned roles. More SAC members are welcome. Lirong will connect students with board members according to their assigned roles.

Jian updated the 4th Africa-China-India Engagement Forum. The topic submitted to ASABE program is "Agriculture, Food and Biological Engineering in Developing Countries in Responses to the COVID-19 Post Pandemic Era". Later on, AOC board will nominate a speaker from China to present at this event during ASABE 2021 AIM.

AOC-20 steering/organizing committee including Sarah Wu (Chair), Yang Zhao, Yufeng Ge, Yingkuan Wang, Jian Shi. Jian will follow up with the committee about inviting a few senior AOC members to serve on the advisory committee. The steering committee will continue planning the event.

All attendees have realized the challenges for AOC caused by the COVID-19 pandemic and political climate. The board will continue to explore options to address these challenges.

Yufeng moved and Lilong seconded, all in favor. Meeting adjourned on 9:30pm EDT.

AOC President's Interview—Dr. Jian Shi

Dr. Jian Shi is an Assistant Professor in Biosystems and Agricultural Engineering at University of Kentucky. His research goal is to develop new bioprocesses and models for food, agriculture, energy, and water nexus by exploring the interfaces between chemistry, engineering and system biology, with specific foci on 1) molecular dynamics-guided enzyme engineering for biocatalysis in novel solvents; 2) fermentation process development for food and agricultural applications; 3) lignin-derived chemicals and advanced materials; and 4) biomass feedstock logistics and modeling. Dr. Shi is serving as the AOC President since July 2020.

Q1: Thank you for taking the interview, could you introduce your education and research in China and USA?

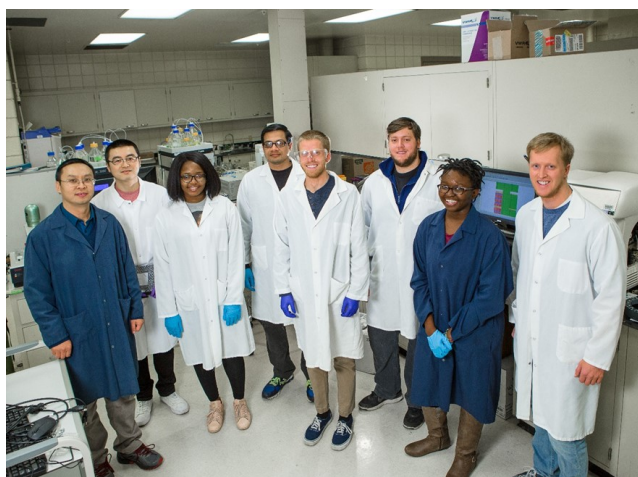
I took a slightly different path in my academic training. I received a B.E. in Material and Metallurgical Engineering from Chongqing University. After worked for an IT company for about a year, the momentum to address the sustainability and environmental challenges prompted myself to return to graduate school and complete a M.S. degree in Food Science and Engineering at China Agricultural University. I attended North Carolina State University to continue biofuel research and received a Ph.D. in Biological Engineering (minor in Biotechnology). I started my appointment at University of Kentucky in 2015 after years of work experiences as a postdoc and senior scientist in universities, national labs, and biotech industry.

Q2: Could you tell us somethings about your AOC experience?

I started my AOC journey as a student member. I participated the student activity committee (SAC) during 2005-2007 and designed the earliest SAC website. I served as the web manager since 2016 and the Vice President of AOC during 2017-18 term. I enjoyed being part of the AOC family and have gained a lot from this association both professionally and personally.

Q3: What's your 2020-2021 plan for AOC 's development?

This is a challenging time, but I am confident that AOC will continue to grow and serve its members and the profession. I will work with the executive board to improve networking between colleagues and institutions in the agricultural, food and biological engineering profession, formalize mentor/mentee and advising mechanisms for young AOC members and host events and activities for AOC members via new platforms. Next year is the 20th anniversary of AOC. I am working with the executive board to plan out activities to celebrate the achievement and honor of this great association. I hope to continue gain your support from the members and friends of AOC. Thanks!

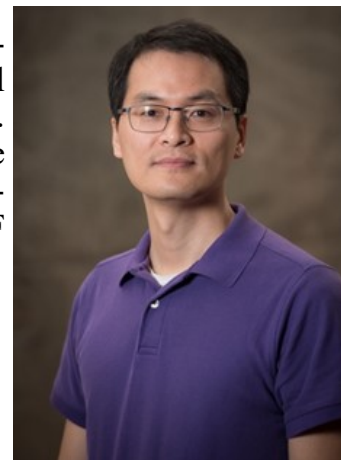


Shi research group in 2018

Faculty Interview—Dr. Yi Zheng

(2019 NSF Career Award Winner)

Dr. Yi Zheng is an Assistant Professor in the Department of Grain Science and Industry at Kansas State University. He began his professional career in Denmark working as a research scientist for Novozymes Inc. After discovering his lack of creative flexibility in the industry, he moved back to the U.S. and found employment at The Ohio State University and then later Clemson University. Dr. Zheng won the 2019 NSF Career Award).



What's your educational background and professional experience?

I received my B.S. degree in Chemical Engineering from Fuzhou University in 2000 and M.S. in Bioenvironmental Engineering from Beijing University of Chemical Technology in 2003. I obtained my Ph.D. degree in Biosystems Engineering from University of California, Davis (UCDavis) in 2007. After that, I did my postdoc at UCDavis until 2011 and worked as a senior research scientist at Novozymes Inc. in Denmark for two years. I became an Assistant Professor at Clemson University in 2014 and joined in the Grain Science and Industry Department, Kansas State University in 2018.

What inspired you to study abroad and what brought you to the current field?

The research area of my interest is bioenergy. The U.S. has started this research much earlier and accumulated lots of experience. So, I decided to study abroad in the U.S. and learn some advanced technologies in this area. The development of bioenergy can enhance multi-dimensional sustainability in society, economics and environment. It is so important that I'd like to contribute my effort in this area to solve real world problems.

Could you talk about some interesting facts about your research or daily life?

My office is close to a goat research center. I like walking around it every day for at least 30 min. I found listening to goat bleating can not only help me relax from my work, but also spark many new ideas. I like sitting in different presentations if I have time even though they are not related to my research, e.g., presentations in physics, chemistry, economics, agronomy, mathematics, and so on. I was often mistaken for a faculty of other departments. Accidental error made a great achievement. In a research project about marine protist fermentation, we made a mistake by adding too much nitrogen to the fermentation medium. We were surprised about the growth of protist cells, and we tried to find out what happened. Eventually, we obtained a "super bug" strain that has a capability of digesting phenolic compounds and other contaminating compounds. Because of this, we filed a patent on this finding derived from an experimental mistake. So, don't be scared by the mistake. The important thing is to find out the mistake, correct it, and learn lesson from it. (continue)

Faculty Interview—Dr. Yi Zheng (page 2)

What is the biggest challenge you have faced in your profession?

I think maintaining fruitful research directions is the biggest challenge, which can affect many aspects of your career, including career/research program development, student mentoring, publication, and funding, etc. However, things can be changing all the time, which would unavoidably influence the situation of certain research areas. So, it is important to keep eyes and mind open and update knowledge contemporarily. What I do is to keep reading papers, do interdisciplinary collaborations, sit in presentations, communicate with peers, and work in the lab with students and post-docs. Centering on the research of my own expertise, I have expanded and adjusted my research direction slightly, thus trying to be creative and productive.

How do you like the teaching/research/service?

My faculty appointment includes both teaching and research. I am happy to teach lecture-style courses. I have taught 4 undergraduate and 2 graduate courses. My teaching goal is to support students towards obtaining knowledge and developing skills necessary to solve problems independently, both in and out of the classroom. To accomplish this goal, I always start with fundamental concepts and build up complexity gradually. Along the way, I show students how to use fundamental tools to solve real-world problems. In particular, I always inspire students, provide what they need, guide them as necessary, and don't stand in their way. In addition, I am always readily available for students to interact with, and always happy to entertain and critique their ideas, and tweak them in creative and productive directions. My teaching philosophy originates from both my own teaching experience and the best teachers I have communicated with. I think that as a teacher, one should: 1) stimulate students' and encourage their originality; 2) encourage teamwork and critical thinking; 3) respect students and their capabilities; and 4) promote enthusiasm and interests.

My research philosophy is interest- and happy- to-lucky. Frankly, research itself sometime is boring and maybe painful. So, I think the positive attitude is really important. Starting with interest can really ease the move along the way to the target and keep happy on the way. Otherwise the research will become a torture. Don't forget to celebrate every success no matter how small it is, student graduation, publication, grant, and even a success of an experiment, which can always keep yourself reenergized. Be optimistic!

Although my appointment does not include a service component, I have provided service to my profession (e.g., ASABE and AOC) and the university at the departmental level during the evaluation period. In addition, I also participate in K-12 education and interactions with industry. In all, I think teaching, research, and service don't conflict but benefit each other.

Could you provide some suggestions to oversee Chinese students/postdoc who are looking for a faculty position?

First, clearly know about faculty work. If students/postdocs want to be a professor, she or he needs to be clear how faculty job look like and what qualifications are needed. Ask yourself if you are really interested in being a professor and talk to your advisor and other professors to get more information. Second, set the goal and start preparing yourself as early as possible. Do well in research, e.g., working hard, being creative, and being productive. Outcomes from research including publication, presentation, proposal, and extension activity all matter when you apply for a faculty position. If available, do a TA which can help you accumulate teaching experience which is extremely important for a position with teaching appointment. Try to use every opportunity to build network and improve presentation skills, e.g., conference, workshop, seminar, and even class presentation. Pay special attention to writing skill, especially proposal writing. Last, be clear about the state of the art in your research area. Think about a question, what research program you will develop if you become a faculty one day in the future.

中国农业工程学会成立40周年学术报告会暨2019年学术年会在杭州举行

2019年12月7日至9日，中国农业工程学会成立40周年学术报告会暨2019年学术年会在杭州举行。来自世界各地的农业工程领域1000余位专家代表围绕“不忘初心发展农业工程，牢记使命助力乡村振兴”主题，开展了广泛深入的学术交流，为农业现代化发展建言献策。本次大会由中国农业工程学会主办，浙江大学生物系统工程与食品科学学院承办，农业农村部规划设计研究院、浙江省农业工程学会、浙江农林大学、浙江理工大学等共同参与。浙江大学校长吴朝晖到会祝贺中国农业工程学会成立四十周年，并对长期以来支持浙江大学发展建设，特别是对涉农学科、农工学科的支持关注的专家学者与有关部门机构等表示感谢。他说，高质量发展、可持续发展成为时代共识，在大数据、人工智能、基因编辑等颠覆性技术竞相涌现的新时代，农工学科将迎来发展的新机遇，浙江大学也将登高望远、对标顶尖，加快建设更加卓越的创新型大学。浙江大学党委副书记邬小撑在开幕式上表示，农业工程教师要继承优良传统，秉持学术自由和学术规范，加强年轻一辈的理想教育，使年轻人有理想、有担当，共同为中国社会主义农业强国的作出应有贡献。

会上，中国农业工程学会理事长隋斌，中国科学技术协会副主席、中国工程院副院长邓秀新，农业部原常务副部长、中国农业工程学会第五届理事长刘成果，全国乡村文化产业创新联盟主席、国务院扶贫办原主任、农业部原副部长刘坚，农业农村部规划设计研究院院长张辉，国际农业工程学会（CIGR）秘书长Prof. Fedro S. Zazueta Ranahan，联合国可持续农业机械化中心（CSAM）副主任Prof. Anshuman Varma，美国农业生物工程师学会（ASABE）主席Prof. Sue Nokes，中国农学会副秘书长莫广刚，中国农业机械学会秘书长张咸胜等分别致辞。中国工程院院士汪懋华、罗锡文等数十位专家围绕主题展开研讨。



缅怀中国工程院院士、著名农业工程学家蒋亦元先生

2020年2月24日，中国工程院院士、我国著名农业工程学家、农业教育家、东北农业大学教授蒋亦元因病医治无效，在哈尔滨逝世，享年92岁。

蒋亦元1928年11月17日出生于江苏省常州市，1950年毕业于金陵大学农业工程专业，同年10月到东北农学院（今东北农业大学）任教。1956年加入中国共产党，1997年当选为中国工程院院士。蒋亦元院士一生致力于农业装备研究，长期在科研教学第一线，被称为“农机巨擘”。他曾担任国务院学位委员会学科评议组成员、中国农业机械学会及中国农业工程学会副理事长、《农业机械学报》与《农业工程学报》副主编、《国际农业与生物工程学报IJABE》编委会名誉主任、国家级农业机械化工程重点学科带头人。



蒋亦元强调农机农艺融合自主创新在科研工作中的重要性。20世纪80年代，他曾带领团队创造出水稻割前脱粒收获机器系统，实现了国际首例摘脱籽粒同时将青绿稻草作青贮饲料收获的技术突破，被国内外同行专家评价为“为水稻种植者造福的一项重大发展”，为水稻生产机械化做出重要贡献，荣获国家技术发明二等奖。在相似理论的研究中，蒋亦元指出了墨菲（G·Murphy）的 π 关系式合成理论中“组分方程必须具有相同形式”这一论断的重大缺陷，首次提出并证明“组分方程可以具有不同形式”的结论，显著提高其预测精度。



THE UNIVERSITY OF
TENNESSEE
KNOXVILLE

Department of Animal Science
Brehm Animal Science Building
2506 River Drive
Knoxville, TN 37996
P: 865-974-7286
F: 865-974-7297
ansci@utk.edu

Graduate Research Assistantship at The University of Tennessee

Animal Science department at The University of Tennessee, Knoxville (UTK) is seeking 1-2 self-motivated PhD graduate student assistants in smart poultry farming. The individuals are expected to engage in cuttingedge research that addresses environment and welfare challenges in modern poultry production. Potential research topics include poultry environment management, sensing, robotics, and welfare and behavior monitoring, and can be tailored based on the incumbent's experience and interest.

Applicants should have an earned B.S. or M.S. in agricultural engineering, computer science, electrical engineering, animal science, poultry science or related degree by the time of hiring. Strong skills in one or more programming languages are expected. Experience in image processing, machine learning, deep learning, and robotics is highly preferred, but not a must.

A copy of the GRE score should be submitted upon application. In addition, international applicants need to meet the requirements on English proficiency with a minimum score of 80 on internet-based TOEFL or 6.5 on IELTS. More information of graduate program can be found in Animal Science website: (<https://animalscience.tennessee.edu/graduateprogram-future-students/>)

We offer tuition waiver and competitive stipend commensurate with education and experience.

The admission is expected in Spring, Summer, or Fall 2021.

If interested, please send your CV and research statement to Dr. Yang Zhao (yzhao@utk.edu). Free feel to contact Dr. Zhao for any questions.

**BIG ORANGE.
BIG IDEAS.**

Flagship Campus of the
University of Tennessee System 



Biosystems Engineering Department

Ginn College of Engineering - College of Agriculture

PhD Student Position available

One PhD student position is available in Dr. Yi Wang's group in the Biosystems Engineering department at the Auburn University. The candidate is expected to start Spring 2021. The research focus would be on **'value-added bio-fuel and biochemical production through bioprocess engineering, metabolic engineering, and synthetic biology strategies'**. Prospective candidates with background (a MS degree is preferable) in Biotechnology, Microbiology, Biomolecular Engineering, Chemical Engineering, Environmental Engineering, Biosystems Engineering, Bio-Materials Engineering, or other relevant fields are encouraged to apply. Prior research experiences in bioprocess engineering, molecular biology, metabolic engineering, synthetic biology, bacteriophage handling, and fermentation are preferred, but not required. Interested applicants may send their curriculum vitae including the names of three references to Dr. Yi Wang at yiwang3@auburn.edu. For more information, please refer to <http://www.eng.auburn.edu/users/yzw0066/>.

Due to the impact from COVID-19 pandemic, Auburn University Graduate School has recently announced temporary waivers for admissions exam (GRE) requirements for Fall 2020 and Spring 2021 Admission periods.

<https://ocm.auburn.edu/news/coronavirus/updates/20200410-graduate-schoolwaivers.php?ref=coronavirus>

However, candidates with decent English test scores (GRE and Toefl if applicable) are still highly preferable.

Auburn University is a land-grant and public research university (an "R1" institution by the Carnegie Classification of Institutions of Higher Education). The University is located in the city of Auburn in east-central Alabama near the metropolitan areas of Montgomery and Birmingham, Alabama, and Columbus and Atlanta, Georgia. U.S. News ranked Auburn among its top ten list of best places to live in United States for the year 2010.

You can find more information about Auburn University at:

https://en.wikipedia.org/wiki/Auburn_University

<http://baike.baidu.com/view/191883.htm>

209 Tom Corley Building
Auburn, AL 36849-5417

Telephone:
334-844-4180

FAX:
334-844-3530

www.auburn.edu/bio



Biosystems Engineering Department

Ginn College of Engineering - College of Agriculture

Post-doc position available

One **Post-doc research associate** position is available in Dr. Yi Wang's group in the Biosystems Engineering department at the Auburn University. The candidate is expected to start as soon as possible. The appointment is for an initial period of one year, with the possibility of renewal depending on performance and funding availability. The research focus would be on **'value-added biofuel and biochemical production through bioprocess engineering, metabolic engineering, and synthetic biology strategies'**. Prospective candidates with background in Biotechnology, Microbiology, Biomolecular Engineering, Enzyme engineering, Chemical Engineering, Environmental Engineering, Biosystems Engineering, BioMaterials Engineering, or other relevant fields are encouraged to apply. Interested applicants may send their curriculum vitae including the names of three references to Dr. Yi Wang at yiwang3@auburn.edu. For more information, please refer to <http://www.eng.auburn.edu/users/yzw0066/>.

Auburn University is a land-grant and public research university (an "R1" institution by the Carnegie Classification of Institutions of Higher Education). The University is located in the city of Auburn in east-central Alabama near the metropolitan areas of Montgomery and Birmingham, Alabama, and Columbus and Atlanta, Georgia. U.S. News ranked Auburn among its top ten list of best places to live in United States for the year 2010.

You can find more information about Auburn University at:

https://en.wikipedia.org/wiki/Auburn_University

<http://baike.baidu.com/view/191883.htm>

209 Tom Corley Building
Auburn, AL 36849-5417

Telephone:
334-844-4180

FAX:
334-844-3530

www.auburn.edu/bio



IMPACT NEWSLETTER EDITORIAL BOARD

EDITOR

Lilong Chai — University of Georgia

ASSOCIATE EDITORS

Can Liu — University of Kentucky

Dajun Yu — Virginia Tech

Yangyang Guo — University of Georgia

Liang Wan — Zhejiang University

Zhihong Ma — Zhejiang University

Jiating Li — University of Nebraska-Lincoln

The 2020–2021 AOC IMPACT Editorial Board

Call for News & Activity Reports

The 2020-2021 IMPACT editorial Board earnestly invites you to submit news and activity reports related to ASABE and AOC. Please send your write-up and/ or picture news to the Editorial Board at aoc.impact@gmail.com. The IMPACT Board will work with you to put your news into the publication.

It is our publication and it is your publication. We sincerely thank each and every AOC members for their support!

征稿启事

