



IMPACT

A Quarterly Newsletter of AOC
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Association of Overseas
Chinese
Agricultural, Biological, and
Food Engineers

海外华人农业，生物技术和食品工程师协会

A Message from AOC President



Naiqian Zhang

We congratulate the Communication and Networking Committee of the newly established Association of Overseas Chinese Agricultural, Biological, and Food Engineers (AOC) for the debut of the *Impact*, a quarterly newsletter of AOC.

As stated in the Constitution of AOC, the first object of the Association is “to promote information exchange and networking among agricultural, biological, and food engineers of Chinese origin worldwide”. Clearly, the *Impact* can serve as a powerful tool for accomplishing this goal.

This issue of the *Impact* reviews the brief history of AOC. In fact, AOC did not accidentally come to existence. The birth of AOC was determined by three fundamental factors: a critical mass that has been formed by an increasing number of us, the overseas Chinese agricultural, biological, and food engineers, since 1980s; a growing impact that we have collectively exerted upon our profession; and a

common culture that is shared by every one of us. We feel the pride in our achievements; we feel the closeness among ourselves; and we feel the need for an organization. This is why a simple call for gathering was responded by nearly one hundred people; and, this is why our Association, at its first appearance, immediately received recognitions from various major organizations around the world.

As we celebrate the establishment of AOC, we should not forget the mission of our Association. As stated in the Constitution, the objects of AOC also include “to facilitate collaboration in research, to foster educational exchange, to enable technology transfer, and to encourage professional development”. In order to coordinate our efforts in

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Members attending the inaugural ceremony of AOC at the convention center, Sacramento, California, July 31, 2001.

accomplishing these tasks, the Executive Board of AOC has recently formed eight task committees and four regional committees. We will gradually expand the membership of AOC. We will hold meetings and conferences to provide platforms for information exchange. We will devise activities to benefit our members in their professional development. We also will develop links to China and other

parts of the world in order to accomplish a common goal of global agricultural modernization.

AOC is not a political organization, neither is it merely a friendship association. AOC is a professional organization. In the years to come, AOC will make contributions, professionally, to our society, to our profession, and to us, the members of AOC.

Executive Board Members and Officers of AOC (2001-2002)



Rongsheng Ruan
University of Minnesota,
USA



Yang Tao
University of Maryland,
USA



K.C. Ting
Ohio State University,
USA



Maohua Wang
China Agricultural University,
China



Hongwei Xin
Iowa State University,
USA



Guoqiang Zhang
Danish Institute of Agricultural
Sciences, Denmark



Naiqian Zhang
Kansas State University,
USA



Qiang Zhang
University of Manitoba,
Canada



Ruihong Zhang
University of California
at Davis, USA



Senwen Zhang
Jinan University in
Guangzhou, China



Jiannong Xin
University of Florida,
USA



Ning Wang
Kansas State University,
USA

Executive Board (2001-2002)

President: Naiqian Zhang
Vice President: Qiang Zhang
Members at large: Yang Tao, K.C. Ting, Hongwei Xin,
Ruihong Zhang

Regional Directors:
North and South America: Rongsheng Ruan
Asia and Pacific: Maohua Wang
Europe and Africa: Guoqiang Zhang
China: Senwen Zhang

Secretary: Jiannong Xin
Treasurer: Ning Wang

Committees (2001-2002)

1. Constitution and Nomination Committee (CNC):
Chair: Qiang Zhang
Members: Yen-Con Hung, Yanbin Li, Yuanhui Zhang
2. Membership Development Committee (MDC):
Chair: Ruihong Zhang
Members: Xiuzhi Sun, Rongsheng Ruan, Ning Wang, Zhongli Pan
3. Meetings and Conferences Committee (MCC):
Chair: Hongwei Xin
Members: Jiannong Xin, Yubin Lan, K.C. Ting
4. Communication and Networking Committee (CNWC):
Chair: Jiannong Xin

Members: Chenghai Yang, Lin Wang, Houhong Wang, Liancheng Chen, Naiqian Zhang

Newsletter:

Editor: Chenghai Yang

Associate Editor: Lin Wang

Website:

Editor: Houhong Wang

Associate Editor: Liancheng Chen

5. Student Activity Committee (SAC):
Co-Chairs: Ning Wang, Xinhua Jia
Members: Lin Wang, Linsong Guo, Qianghong Tang, Jiantao Wei
6. China-relation Committee (CRC):
Chair: Xiusheng Yang
Members:
7. Professional Development and Awards Committee (PDAC)
Chair: K.C. Ting
Members: Yang Tao, Hongwei Xin, Ning Wang, Naiqian Zhang
8. Fundraising Committee (FRC):
Chair: Yang Tao
Members: Naiqian Zhang

Regional Committees (2001-2002)

1. North and South America (NSARC):

Chair: Rongsheng Ruan
Members: Ying Chen, Yen-Con Hung, Yebo Li, Xiusheng Yang, Ruihong Zhang

2. Asia and Pacific (APRC):
Chair: Minzan Li
Members: Maohua Wang
3. Europe and Africa (EARC):
Chair: Guoqiang Zhang
Members: Dawen Sun, Yongfu Xu, Guoping Lian
4. China (CNRC):
Chair: Senwen Zhang
Members:

Liaisons with Other Professional Societies (2001-2002)

1. ASAE: K.C. Ting
2. CSAE (Canada): Qiang Zhang
3. CIGR: Naiqian Zhang
4. AAAS: Naiqian Zhang
5. JAICAE: K.C. Ting
6. CSAE/CSAM (China): Rongsheng Ruan (Chair), Yebo Li, Zhihui Mao
7. CIAM (Taiwan): Ta-Te Lin
8. Euro-AGEN: Guoqiang Zhang

Inaugural Ceremony of AOC by Lin Wang

A beautiful summer evening in California, at the Sacramento Convention Center, more than one hundred people gathered here to celebrate the inauguration of the

Association of Overseas Chinese Agricultural, Biological and Food Engineers (AOCABFE). July 31, 2001 was a day for all of us to remember, a day when an association for



Drs. Naiqian Zhang (L) and Ruihong Zhang at the ceremony.



ASAE President Dr. Harmon Towne (R) and ASAE Executive Vice President Melissa Moore.



Ms. Ning Wang giving a PowerPoint show.



贺 信

华裔农业、生物系统、食品工程师联谊会 (AOCABFE)
组织委员会主席辛建农博士、张如红博士，联谊会协调委员张乃迁博士并转联谊会各位女士、先生：

承蒙邀请参加联谊会成立大会，十分荣幸。由于年迈等诸多原因，此次未能远赴美国参加庆典，深感遗憾。首先让我通过这封贺信表达对联谊会美好未来的最诚挚的祝愿。

正是你们这封充满感情的邀请信又将我的思绪带回到半个世纪前。那是在1948年春天，当时我们这些正在美国学习农业工程的留学生和访问学者也是汇集于加州的Stockton，在这里成立了“中国农业工程师学会筹备会”（注册30余人，到会19人），并选举了李克佐、李翰如、蒋耀三人为筹备组成员。遗憾的是大家回国后由于当时特定的历史环境，使得“中国农业工程师学会”未能如期成立。直到1956年才又重新成立了由孙景鲁、李克佐、曾德超组成的“中国农业机械学会”筹备会；并于1957年创办了“农业机械学报”。然而筹备会的工作也非一帆风顺，经过将近十年的周折，中国农业机械学会终于在1965年诞生了，刘仙洲先生被推举为学会第一任理事长。

1978年随着中国科技发展第二个春天的到来，“中国农业工程学会”应运而生，它的成立可谓是中国农业工程发展史上的又一个里程碑。自中国农业工程学会成立时起，陶鼎来先生一直连续多届出任常务副理事长。1985年农业工程学报创刊。抚今追昔，值得欣慰的是我们这批20世纪40年代留学归国的学子，在不同的工作岗位上虽然境遇各异，但为改变中国传统农业的落后状况和中国农业工程科教的发展都做出了各自的贡献，尽了自己绵薄之力。

进入21世纪，中国将由于人口增长，乡村城镇及工交建设的展开，全民生活的普遍提高，资源生态环境又十分脆弱；由此引发的食品安全，地区性、季节性水资源的短缺，频繁的危害与逆境，都还将面临严峻的挑战；与此相伴的是亦将带来了巨大的机遇。

中国可持续发展农业及其产业化建设，全国生态环境建设，开发西部，加入WTO等，既将在生物技术、信息技术领域，亦将在农业工程、生物工程、食品工程等传统领域，不论在产业发展，科技开发，教学培训推广等方面，都将具有巨大的需求。

我们相信联谊会能够很好地利用当今全球经济一体化的大趋势，利用中国和第三世界此一巨大内需市场与人力资源，促进海内外从事农业、生物及食品工程的工程师间的密切联系，协同创业与广泛交往，在新世纪里共同迎接挑战与机遇。

祝各位女士、先生事业成功，身体健康，家庭幸福。

中国工程院资深院士

中国农业大学教授

中国农业机械学会名誉理事长

中国农业工程学会名誉理事长

2001年7月10日

agricultural engineers in general was formally established.

There were students, professors, engineers, as well as people working in the related fields from all over the world. Presidents, chairs and delegates of several organizations shared this special moment with AOCABFE members. ASAE, CIGR (International Commission of Agricultural Engineering), AAEE (Asian Association for Agricultural Engineering), CSAE (Chinese Society of Agricultural Engineering), CSAM (Chinese Society of Agricultural Machinery), National Taiwan University, JAICAE (Japanese Association of International Commission of Agricultural Engineering), CSAE (Canadian Society of Agricultural Engineering), many universities in China, and other organizations (see guest list) had sent their representatives to witness this special event that was dreamed to happen half a century ago.

Following the reception, the ceremony was started with the introduction hosted by Drs. Ruihong Zhang and Jiannong Xin, who served as the masters of the ceremony. The very first elected president of AOCABFE, Dr. Naiqian Zhang, was introduced. People who had worked as the members of the preparatory committee were recognized (see committee list). The honorable guests were welcomed. Dr.

Naiqian Zhang then introduced the first executive board members (see board list).

"Overseas Chinese Agricultural, Biological, and Food Engineers" was a PowerPoint show prepared by a group of people at Kansas State University. It included a lot of photos, graphs and some video snaps. The presented facts, statistics and pictures with sound track effect told stories of the history of the association, showed accomplishments and lives of AOCABFE members. The show went smoothly thanks to Dr. Zhongli Pan's coordination. It brought laughters from the audience and promoted feelings of pride on the accomplishments being achieved.

Professor Zeng Dechao, a pioneer of Chinese agricultural engineering sent over his congratulation letter (see above) while the other honorable guests gave their brief congratulation addresses at the meeting (see guest speeches). Besides the best wishes, almost all of the guests expressed their interests in cooperation with the newly established AOCABFE.

Dr. Hongwei Xin, the chair of the logo competition committee, announced Dr. Juhua Liu as the winner of the competition. Three logo designs had been submitted and voted by all AOCABFE members via email before the

ceremony.

Dr. Juming Tang and Shaojin Wang from Washington State University were the major organizers for the photo session. Mr. Shaojin Wang carried two large-power lamps from Pullman to provide professional illumination, while Dr. Yang Tao of the University of Maryland brought several cameras of the professional grade to ensure picture quality.

Donation to the association was called at the end of the meeting. Dr. Juhua Liu was the first to donate his \$50 prize won from the logo design competition. Forty-four members and guests had generously donated. Among them, Dr. Weihua Yang contributed \$300, Dr. Shulin Chen and Dr. Naiqian Zhang each donated \$100, and Dr. Yanbin Li contributed \$50 to the association. A student, Ms. Xinhua Jia from the University of Arizona donated \$20. The total amount had reached \$1055.59. The names of those had made their contribution are as follows:

F.H. Chang, Shulin Chen, Yongbo Chen, Jay Cheng, John Dixon, Yon-con Hung, Xinhua Jia, Baoming Li, Ta-te Lin, Juhua Liu, Renfu Lu, Osamu Kitani, Zhihuai Mao, Zhongli Pan, Roger Ruan, B. Stout, Juming Tang, Lie Tang, Qianhong Tang, Yang Tao, K.C. Ting, Donghai Wang, Lin

Wang, Lingjuan Wang, Ning Wang, Hongwei Xin, Jiannong Xin, Chenghai Yang, Peilin Yang, Frank Zee, Naiqian Zhang, Qiang Zhang, Qin Zhang, Ruihong Zhang, Senwen Zhang, Bingcheng Zhao, Hui Zhou, Guangjian Fan, Jiantao Wei, Bingjun He, Yubin Lan, Sarig Yoav, Yanbin Li, Weihua Yang.

Many volunteers lent their help to the Association during the inaugural ceremony. Several graduate students, including Xinhua Jia of the University of Arizona, Yang Yang of the Ohio State University, and Jiantao Wei, Ning Wang, and Gangjuan Fan (the photographer) of Kansas State University worked at the reception desk. Professor Liancheng Chen of South China Agricultural University also volunteered to serve as a receptionist. Mr. Peilin Yang of U.C. Davis provided "emergency" service in scanning and copying documents. Several graduate students helped distribute flyers during the ASAE meeting to attract audience to the ceremony. There were other people who provided help before, during, and after the ceremony. We feel sorry for not being able to remember and list all their names here.



Invited guests and AOC members attending the inaugural ceremony.

Guests Attending AOC Ceremony

I. Invited guests:

1. ASAE

Norman Scott: Past President, 1993 - 1994
Larry Huggins: Past President, 1999 - 2000
Harmon Towne: President, 2000 - 2001

Wayne Skaggs: President-elect, 2001 - 2002
Lyle Stephens: President-elect, 2002 - 2003
Melissa Moore: Executive Vice President
Wayne Coates: International Commission Chairman
John Dixon: International Commission
Jackie Elowsky: Resource Magazine



Invited guests from left: Naiqian Zhang, Maohua Wang, Kuoyan Huang, Melissa Moore, Wayne Coates, Bill Stout, El Houssine Bartali, Osamu Kitani, Harmon Towne, Wayne Skaggs, Lyle Stephens, and Yoav Sarig.

2. CIGR (International Commission of Agricultural Engineering)
El Houssine Bartali: President
Bill Stout: Past President
3. AAAE (Asian Association for Agricultural Engineering)
Makoto Hoki: President
4. CSAE (Chinese Society of Agricultural Engineering) and CSAM (Chinese Society of Agricultural Machinery)
Maohua wang: Honorary President
Xiwen Luo: Vice President
Senwen Zhang: Director of International Affairs
5. National Taiwan University
Ta-te Lin: Professor
6. JAICAE (Japanese Association of International Commission of Agricultural Engineering)
Osamu Kitani: President
7. CSAE (Canadian Society of Agricultural Engineering)
Victor Lo: President-elect
8. Other honorable guests

- | | |
|-----------------|------------------------|
| Vincent Bralts: | Purdue University |
| Yoav Sarig: | Israel |
| Enrol Rodda: | University of Illinois |
| Kuoyan Huang: | North Carolina |
| Lindy Wang: | North Carolina |

II. Delegates from China:

1. Ministry of Science and Technology
Hongguang Wang: Director, Rural Development
2. China Agricultural University
Maohua Wang, Naiyun Zhang, Qingshui Liu, Baoji Wang, Zhihuai Mao, Baoming Li, Tingwu Lei
3. South China Agricultural University
Xiwen Luo, Liancheng Chen
4. Inner Mongolia Agricultural University
Shuoshi Ma
5. Jinan University
Senwen Zhang
6. Yanshan University:
Xiangdong Kong

Members Attending AOC Ceremony

F.H. Chang, Jiayang (Jay) Cheng, Bingqi Chen, Hongda Chen, Liancheng Chen, Paul L. Chen, Shulin Chen, Yongbo Chen, Jianming Dai, Gangjuan Fan, Shu Geng, Linsong Guo, Shufeng Han, Brian (Bingjun) He, Dongxian He, Xi Hou, Fu-hung Hsieh, Kuoyan Huang, Yen-Con Hung, Xinhua Jia, Changxing Jin, Xiangdong Kong, Baoming Li, Bo Li, Haizhou Li, Yanbin Li, Xiangjun Liao, Ta-Te Lin, Peter Ling, Qingshui Liu, Yongcheng Liu, Martin Lo, Victor Lo, Renfu Lu, Xiwen Luo, Zhihuai Mao, Jiqin Ni, Zhongli Pan, Kelly Rong, Chuanmin Ruan, Rongsheng (Roger)

Ruan, Yoav Sarig, Guoqi Shen, Aihua Song, Ruixiu Sui, Huawei Sun, Jinglu Tan, Juming Tang, Lie Tang, Yang Tao, K.C. Ting, Baoji Wang, Donghai Wang, Fengyu Wang, Guangde Wang, Haoqing Wang, Hongguang Wang, Houhong Wang, Lin Wang, Lindy Wang, Lingjuan Wang, Maohua Wang, Ning Wang, Shaojin Wang, Xiuying Wang, Jiantao Wei, Hongwei Xin, Jiannong Xin, Chenghai Yang, Chun-Chieh Yang, Peilin Yang, Ping Yang, Wade Yang, Yang Yang, Haibo Yao, Frank Zee, Wenyan Zhan, Albert Zhang, Naiqian Zhang, Naiyun Zhang, Qiang Zhang, Qin Zhang, Ruihong Zhang, Senwen Zhang, Bingcheng Zhao, Lingying Zhao, Yanling Zhao, Hui Zhou, Hui Zhu

Transcript of Congratulatory Speeches from Guest Speakers

Dr. Harmon Towne President, ASAE

First of all, I would like to thank you for inviting all of us from ASAE here to your organizational meeting. It is obvious that you have taken a lot of time and there have been a great number of people involved in this organization. I commend you for that. You've come a long way. Obviously you are well on the way to this organization. Certainly we are very comfortable with working with you. I know you have conversations with Melissa More about the possibility of some type of cooperative agreement. We certainly hope that can work out. We thank all of you for your membership within ASAE, and look forward to working with you in the future. Again, congratulations for all the hard work you put forth.

Dr. Wayne Coates Chairman, ASAE International Commission

It's a real pleasure to be invited here to participate in this event. We in the International Commission are very excited about this activity that you've undertaken. Particularly congratulate Naiqian and the other members that have taken the initiative to organize this type of event and get this group together. The purpose of the International Commission within ASAE is trying to find ways to serve international members. I hope you are aware of the international membership categories that are available now for less-developed countries. We need to get these words out to all countries of the world about the opportunity to take advantage of membership within ASAE. This group is a great vehicle to get the message out. We congratulate all of you on taking the initiative to do this and hope we get a formal agreement between ASAE and AOC.

Dr. El Houssine Bartali President, CIGR (International Commission of Agricultural Engineering)

I would like to say on behalf of CIGR that I am pleased to be here and I would like to congratulate the AOC for this impressive start and congratulate Dr. Zhang for his nomination as the President. It is really a pleasure to see the achievements that were made by all your members for advancing the technologies. CIGR, as you know, is a worldwide network that supports the professional agricultural engineering. All I can say is that this type of initiative is the one that we support and I wish all the success for this Association in the coming years. CIGR is preparing for 2004, a major conference in agricultural engineering in China. What makes me happy too is that the creation of this new Association will certainly give a great help for the ASAE and CIGR's coming congress a year from now.

Professor Maohua Wang Honorary President, CSAE (Chinese Society of Agricultural Engineering); Honorary President, CSAM (Chinese Society of Agricultural Machinery)

It is my great honor to have this opportunity to join you during the occasion of the foundation of this very important Association. This is the first time in history that we have a large group of people (13) coming from Mainland China to join the ASAE meeting. It indicates that the foundation of this Association has caused excitement within the domestic Chinese societies. After the foundation of AOC, the cooperation and academic exchange in the field of biosystems engineering will be greatly enhanced. Now, China still is a developing country. Entering the new millennium, we are looking forward to a bright future. The foundation of this Association will be a great help to the

development of the domestic agricultural engineering science and technology. It also will support the transformation of the traditional agriculture to a modern agriculture. Also, I would like to represent the Transactions of Chinese Society of Agricultural Engineering, as the Chairman of the Editorial Board. I hope our overseas scholars can contribute your most recent research results to our publications. To promote this effort, we have appointed four new overseas scholars as the members of the Editorial Board of CSAE. With your support, our Transaction will become more effective in promoting the engineering technology of modern agriculture.

Dr. Ta-Te Lin
National Taiwan University

I would like to express my sincere congratulations to the establishment of the Association. As a biological and agricultural engineer, I would like to address my speech in some engineering terms. From the previous slide presentation, I saw so many contributions that the Association members have made in the biological, agricultural, and food engineering areas during the past few years. I believe we can establish a model based on these data and run simulations using human neural networks. I can then make a good prediction for the future, may be five or ten years. The prediction is that the Association will make more significant contributions in the years to come and, in five years, this model will be convincingly validated.

Dr. Makoto Hoki
President, AAAE (Asian Association for Agricultural Engineering)

It is my great honor and pleasure to be here to congratulate you on the establishment of the Association of Overseas Chinese. On behalf of the AAAE, we are very much looking forward to future association, a close association, with your Association and your individuals. Let me say a few things about AAAE, our Association was established about ten years ago, in 1990. And we have the Headquarters at the Asian Institute of Technology (AIT) in Bangkok. We just celebrated our tenth anniversary last year in Bangkok, and now have 500 members. including 70 foundation members. We look forward to working with you in the future.

Dr. Osamu Kitani
President, JAICAE (Japanese Association of International Commission of Agricultural Engineering)

On behalf of this organization, I heartily congratulate AOC with a splendid future. I look forward to cooperating with your members. I am also quite impressed by your accomplishments. I believe AOC will have a great future. I sincerely hope that AOC will be well developed and will have a bright future. Congratulations!

Dr. Victor Lo
President-elect, CSAE (Canadian Society of Agricultural Engineering)

First I would like to thank Dr. Zhang and the Association, A O C A B F E (laughter). Well, I think I can manage AOC better. I must say that I am truly impressed with the presentation. I am quite amazed by the number of agricultural, biological and food engineers of Chinese origin, and how much contributions you have made. I believe we also have seen quite a large Canadian contingent. A comment on the China towns: if you are interested in visiting another China town, perhaps McGill is the place you should go to, and so is UBC. Actually, our Department is a China town. From CSAE's point of view, we've already had a lot of international work. Dr. Zhang from Manitoba has already had connections with China. We also have different collaborative projects with China and other places. To accomplish your impressive mission, I believe we can do a lot of work together. I would extend our sincere congratulations and our support to you, and wish every success in your undertaking.

Professor Senwen Zhang
Jinan University, China

After several years of continuous effort, today we have the new AOC organization born. I want to give special thanks to the Preparatory Committee members working in North America, in the US and Canada. You have done so much hard work during the past year. Without these efforts, our new organization could not be born. As a representative of Mainland China scholars, I want to give my congratulations and best wishes to every member here. We will do works to enhance the connection between AOC and Mainland China. We will establish two Communication Centers in China. The first one will be in Beijing, at the East Campus Library of China Agricultural University. The Dean of the Library, Professor Qingshui Liu, is with us today. The second Center will be in Guangzhou, at the South China Agricultural University. The Vice President of that University, Professor Luo, is with us here too. As a Guest Professor of that university, I will do my best work under his leadership. China has a long history to send students and scholars abroad to study advanced technologies, and to bring them back to China to help Chinese people, to contribute to

China's modernization. We have had more than 150 years of history of sending students abroad, and every generation of the oversea Chinese scholars has made great contributions to China's reconstruction. I think the newest generation of Chinese overseas scholars will make even bigger contributions to China as well as to the entire world, because helping China also helps the world. China should develop faster and should make larger contributions to the world. Sciences do not have national boundaries. Sciences belong to the entire human being.

Dr. Yoav Sarig
Israel Ministry of Agriculture

Many of you know that I spent four and half years in China working in the capacity of Consular of Science and Agriculture in Israeli Embassy in Beijing. I was privileged to be in China during a very exciting period. I traveled more than 24 provinces in China. I got to be close to Chinese science and agriculture, and made a lot of friends. And I grasp every opportunity to go back to China, to visit, to lecture. I have been appointed as a Professor in Beijing Agricultural University. I used to tell taxi drivers in Beijing that "Wo shi Beijing ren, lao Beijing ren". When I and Dr. Zhang got into a heated argument two years ago in one of

the international conferences organized by Professor Wang Maohua, he told me about his idea of generating this organization, I thought I could qualify as a member of this organization. He said: "Sure, you are welcome to do that". So, I am very proud to be a member of this organization. I think that Chinese have some unique characteristics, which should be appreciated. Two years ago, Vince Bralts (the Department Head of Purdue University) and I were very impressed by the honors that Chinese scholars gave to the elders, to the older generation. This is something we should be appreciative for. By the same token, the links that Chinese scholars in this country, in Canada, and in many other countries still maintain with their homeland, and their willingness to help their motherland, are something to be appreciated. I was personally very impressed by the broad spectrum of research conducted by the Chinese professors here in the US and Canada that has been outlined before us. I think there are a lot of opportunities for Chinese scholars in this country and Canada, who left their homeland but still maintain a close contact to help their country and, in the same time, as professor Zhang Senwen pointed out, to help the world. Thank you for inviting me. I congratulate you both as a foreigner, a "Lao Wai", and as a member of this society.

Congratulatory Letters from China

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值此“海外中国农业、生物与食品工程师协会（AOCABFE）”成立大会暨“东亚农业生产工程论坛（EABEF）”之际，中国农业工程学会向大会、论坛表示热烈的祝贺！

我们热切期望在美、加从事农业工程、生物工程与食品工程领域的华裔学者，加强与国内农业工程学者之间的合作与交流，促进中国的农业工程科技创新与成果的产业化应用，推动中国的农业工程教育的改革。共同为加速中国农业的现代化作出贡献！

值此“海外中国农业、生物与食品工程师协会（AOCABFE）”成立大会暨“东亚农业生产工程论坛（EABEF）”之际，我谨代表中国农业工程学会、中国农业工程研究设计院向大会、论坛表示热烈的祝贺。

我热切期望在美、加从事农业工程、生物工程与食品工程领域的华裔学者，加强与国内农业工程学者之间的合作与交流，促进中国的农业工程科技创新与成果的产业化应用，推动中国的农业工程教育的改革。共同为加速中国农业的现代化作出贡献。



贺 信

海外中国农业、生物与食品工程师协会 (AOCABFE):

(Association of Overseas Chinese Agricultural, Biological and Food Engineers)

欣闻 AOCABFE 成立, 并在美国农业工程师学会夏季年会 (2001、7、29—2001、8、2) 期间与亚洲农业工程师学会和中国、日本、韩国、中国台湾等地的农业工程组织联合举办“东亚农业生产工程论坛”(East Asian Bio-production Engineering Forum) (EABEF)。对此, 我代表中国农业大学并以我个人的名义向 AOCABFE 和即将召开的 EABEF 表示热烈的祝贺。预祝协会 (the Association & the Forum) 和论坛取得圆满成功, 并为推动中国及亚太地区农业工程学科及技术的发展作出新的贡献。

AOCABFE 的成立不仅是北美地区农业工程界的一件盛事, 也是中国及东亚地区农业工程发展史上的一件大喜事。它标志着海外华人学者在农业工程领域学术地位的加强, 其长远和广泛的意义必将在未来的发展中越来越充分的显示出来。中国农业大学是中国大陆农业工程高等教育和科学研究的重要基地。我相信在 AOCABFE 中一定有许多中国农业大学的校友。我愿借此机会表达母校对你们的问候, 并通过你们向 AOCABFE 全体同仁致以崇高的敬意和诚挚的问候。

贺 信

值此“海外中国农业、生物与食品工程师协会”成立之际, 我非常荣幸地代表中国农业机械化科学研究院及中国农业机械学会, 向“海外中国农业、生物与食品工程师协会”的成立表示最热烈的祝贺, 并向所有与会的各位农业工程界的专家、学者表示最诚挚的问候。

我深信, “海外中国农业、生物与食品工程师协会”的成立, 将会有力地加强农业工程领域内世界各地华裔学者专家间的交流与合作, 并有力地促进世界特别是中国大陆港澳台地区农业工程事业的发展。

中国农机院现已转制为科技企业集团, 在北京、湖北武汉、河南洛阳、内蒙古呼和浩特及海拉尔下属有五个科技企业, 科技人员共约有 2300 人, 并投资入股若干农机企业。中国农机学会在国内各省均有对应机构, 并设有专业分会, 现约有会员 32000 人。我热烈地欢迎各位农业工程界的专家学者在任何时候来我院及我学会访问做客, 了解我们; 我更诚挚地期望各位专家学者与我们开展各种形式的合作。

借此机会, 我还十分欢迎各位专家学者在 2004 年秋来北京参加由中国农机学会与中国农业工程学会主办、中国农业大学与中国农机院承办的国际农业工程学会 (CIGR) 专题会议。

最后, 衷心祝愿与会各位专家、学者身体健康、事业发达!

中国农业机械化科学研究院院长

中国农业机械学会常务副理事长

二 00 一年七月十八日

中国正在进入现代化建设新的发展时期, 农业工程在推动农业现代化和农村经济社会进步方面将发挥日益突出的作用。我衷心希望加强中国农业大学和中国农业工程学会与 AOCABFE 及其它海外农业工程组织的合作与交流。

欢迎你们常回国看看, 常来中国农业大学访问交流。祝你们好运, 祝 AOCABFE 发展壮大, 不断进步。

最诚挚的祝愿

Congratulatory Letter

23 July 2001

Association of Overseas Chinese Agricultural, Biological and Food Engineers (AOCABFE).

I am delighted to learn the good news of the establishment of AOCABFE. On the special occasion, on behalf of China Agricultural University (CAU) and myself, I'd like to extend congratulations on AOCABFE and the East Asian Bio-production Engineering Forum (EABEF). I am pleased to know that the EABEF will be held during the annual summer meeting of American Association of Agricultural Engineers on 29 July -2 August 2001 which will be co-organized by AOCABFE, Asian Society of Agricultural Engineers (ASAE) and the agricultural engineering organizations of China, Japan, South Korea, Chinese Taiwan, etc.. I wish good luck for the Association and the Forum. I strongly believe that the establishment of AOCABFE and the Forum will make further contributions to the development of agricultural engineering science and technology in China and in the Asian-Pacific regions.

The establishment of AOCABFE is a great event, which will not only produce profound importance in the agricultural engineering field in North America, but also produce a significant impact on the development of agricultural engineering science in China and East Asia. I am happy to notice that the overseas Chinese scientists have won higher academic reputation in agricultural engineering field that will be fully demonstrated in the coming years. CAU has been regarded as an important base of higher education and scientific research in China's agricultural engineering field, thus I believe the AOCABFE will attract more scholars and schoolmates from CAU. Taking this opportunity, on behalf of CAU, I'd like to express highest regards to all of you and to all AOCABFE members as well.

The advancement of modernization in China comes to a new stage and the agricultural engineering sciences have been found to play an increasingly important role in speeding up agricultural modernization, development of rural economy and social progress. I sincerely hope that the collaboration and academic exchanges of scientists from CAU, Chinese Agricultural Engineering Society, AOCABFE and other overseas agricultural engineering organizations will be further strengthened.

You are all warmly welcomed to come back to visit CAU if you find time. Best wishes to all of you and to AOCABFE as well.

Regards.

Sincerely Yours,

Prof. Fu Ze-lian

Vice-President, China Agricultural University

Vice-Chairman, Board of Directors of Chinese Association of Agricultural Engineering

中国农业大学副校长

中国农业工程学会副理事长

2001、7、23

Duties and Expectations of AOC Committees

by Naiqian Zhang

1. Constitution and Nomination Committee (CNC):
to establish and revise the Constitution, Bylaws, and Rules of AOC,
to establish and revise the Mission Statement for AOC, and
to nominate the officers of AOC for the next year.

For 2001 in particular, the CNC is expected to complete the Cooperative Agreement between AOC and ASAE.

2. Membership Development Committee (MDC):
to develop and gradually expand the worldwide membership of AOC using various means through all possible channels and
to develop and maintain a membership roster for AOC, and
to develop and maintain an expertise database for AOC members.

The membership of AOC is expected to reach 300 in three years.

3. Meetings and Conferences Committee (MCC):
to sponsor or co-sponsor sessions and other official/unofficial activities of AOC at annual ASAE meetings and other meetings and conferences, in which a substantial number of AOC members participate, and
to organize independent AOC meetings and conferences at appropriate locations and at appropriate times.

In particular, the 2001-2002 MCC is expected to organize sessions at the 2002 ASAE/CIGR Joint Conference and work with AAAE, CIGR, and CSAE for possible joint meetings and other activities during the 2002-2004 period, including

- 2002 AAAE meeting in Shanghai,
- 2004 CIGR meeting in Beijing, and
- 2002 or 2003 joint AOC/CSAE friendship camp in China.

4. Communication and Networking Committee(CNWC):
to publish AOC quarterly newsletters,
to establish and maintain the AOC Website,
to update an AOC bulleting board on the Web site for

timely information on job opportunities and other information, and
to develop other means of promoting public relations for AOC.

5. Student Activity Committee (SAC):
to develop AOC membership and networking among graduate students in various Departments,
to organize student activities during ASAE and other professional meetings, and
to contribute to AOC newsletters on student activities.

For 2001-2002 in particular, The SAC is expected to lead the extended AOC logo competition.

6. China-relation Committee (CRC):
to establish communication channels with related organizations and agencies in China and Taiwan,
to coordinate activities of AOC members on joint research and academic exchange with colleagues in China and Taiwan,
to provide information on China-exchange activities of AOC members to the newsletters of AOC, and
to coordinate efforts of AOC members for the English editions of Transactions of CSAE.

7. Professional Development and Awards Committee (PDAC)
to organize activities to provide information, training, and mentoring for pre-professional and professional members of AOC,
to establish AOC awards and scholarships and to nominate awardees and recipients,
to provide information and help nominate AOC members for awards and leadership positions beyond AOC,
to provide information on job opportunities, awards, and achievements to the AOC newsletter, and
to coordinate efforts in helping AOC members in adversity.

8. Fundraising Committee (FRC):
to raise fund for AOC from private and organizational sources, and
to coordinate fee-based services of AOC members to raise fund for AOC.

For the first three years, the FRC is expected to raise \$500 - \$1,000 each year.

9. Regional Committees - North and South America (NSARC), Asia and Pacific (APRC), Europe and Africa (EARC), and China (CNRC):
to develop AOC membership in the region,
to distribute AOC information in the region,
to organize activities within the region at meetings and conferences held in the region,
to maintain close communications with the AOC Executive Board, and
to establish databases of regional hosting sites/families for exchange visits and gathering,

In three years, the memberships of the four regions are Expected to reach:

NSARC: 220 (in at least 4 countries),

APRC: 20 (in at least 4 countries),
EARC: 20 (in at least 6 countries), and
CNRC: 40 (in at least 10 provinces).

10. Liaisons with other professional societies to assist the CNC in establishing official/unofficial relationships with the respective society, to provide timely, accurate information to AOC newsletters on conferences and meetings of the respective society, to deliver AOC newsletters to the respective society, to assist the MCC to organize joint sessions at various professional meetings of the respective society, and to assist the MDC in developing AOC membership within the respective society.

Executive Board Meeting Convened in August **by Jiannong Xin**

The AOC Executive Board held its first teleconference meeting on August 22, 2001. The following issues are discussed:

1. Cooperative Agreement with ASAE

ASAE officer has informed AOC Board that the clause "AOCABFE of ASAE" will not need to be added to the Constitution of AOCABFE if AOCABFE will not seek the tax-exempt status under the umbrella of ASAE. Under this condition, the Board unanimously agreed to pursue a Cooperative Agreement with ASAE. The Constitution and Nomination Committee will examine the current version of the Constitution, Bylaws, and Rules of AOCABFE, revise articles related to this issue, and send the revision to the Board members for discussion before resuming the discussion with ASAE. These actions need to be taken immediately.

2. Non-profit organization/tax exempt status

In order to obtain the tax-exempt status as a non-profit organization, AOCABFE will need to file the IRS form 1024 – "Application for Recognition of Exemption under Section 501(a)", together with form 8718 – "User Fee for Exempt Organization Determination Letter Request". The fee will be \$150. The Board unanimously decided to file these forms immediately.

3. Responsibilities and Chairs of Committees

The Board decided to establish the following Committees. Chairs of the Committees were appointed.
1) Constitution and Nomination, 2) Membership

Development, 3) Meeting and Conference, 4) Communication and Networking, 5) Student Activity, 6) China Relation, 7) Professional Development and Awards, 8) Fundraising, and 9) Regional Committees.

4. Liaisons with other professional societies (see page 3)

5. Activities for the ASAE/CIGR 2001 Annual meeting

A technical (or Rap) session on "China Exchange" was already submitted to ASAE for the 2002 ASAE/CIGR meeting in Chicago. The session will be cosponsored by AOCABFE, ASAE INTL-612 (Meetings and Conferences) Committee and CIGR. A panel of invited speakers will be formed for the session. Additional speakers will be solicited through ASAE call-of-papers.

An evening AOCABFE Social during the 2002 ASAE/CIGR meeting and a dinner/Karaok of AOCABFE members were suggested. A career symposium and a bulletin board were also suggested. These activities will be planned and coordinated by the Meeting and Conference Committee led by Xin Hongwei.

6. Regular Broad meeting

The Board decided to hold regular Board meetings each month. The meetings may be changed to bi-monthly after normal activities of the Board and the Committees are carried out satisfactorily. Committee Chairs will report to the Board at each Board meeting.

Updates from AOC Committees

Professional Development and Awards Committee

The Professional Development and Awards Committee is in the process of deliberating two fundamental issues:

1. Assessment of professional development needs - pre-professionals and professionals

What subject areas will be of most interest to our members including pre-professionals and professionals?

What activities will be most effective in providing information, training, and mentoring to our members?

2. Assessment of recognition needs - within AOC and beyond AOC

What types of recognition will be most appropriate to be awarded by AOC?

What types of recognition awarded by other organizations will be most appropriate to be nominated by AOC?

Our plan is to use the information generated from this deliberation to develop short term and long term

professional development activities, as well as member recognition programs. (contributed by K. C. Ting)

Student Activity Committee

The co-chair of the Student Activity Committee, Ms. Ning Wang, called a tele-meeting on September 21, 2001. There were 6 people from three different universities. They were Xinhua Jia of University of Arizona; Mr. Linsong Guo of University of Illinois, Ms. Qianhong Tang, Ms. Lin Wang, and Mr. Jiantao Wei of Kansas University. A letter addressing to all prospective fellow students, including introduction of AOC and the student committee, the committee mission, and calls for more volunteers, will be prepared primarily by Ms. Xinhua Jia, another co-chair. Then it will be posted on the website and send to selected individuals via email. Other issues, such as interaction with other committee within AOC, activities during the ASAE meeting 2002, and membership development had been discussed. As the committee has a limited financial resource, sponsors would be needed for student activities. Companies that hire international students, especially, Chinese students were suggested to be potential sponsors. (contributed by Lin Wang)

Preparatory Committee



Preparatory committee members and some of the invited guests.

All the group photos included in this newsletter were taken by Yang Tao of University of Maryland, Juming Tang of Washington State University, and Wade Yang of University of Arkansas.

Coordinator:
Naiqian Zhang

Committee Members

Huiqing Guo, Yen-Con Hung, Yanbin Li, Ta-Te Lin, Peter Ling, Juhua Liu, Roger Ruan, Juming Tang, K.C. Ting, Hongwei Xin, Jiannong Xin, Xiusheng Yang, Naiqian Zhang, Qiang Zhang, Ruihong Zhang, Senwen Zhang, Yuanhui Zhang, and Ning Wang (student representative), Jiantao Wei (book-keeper)

Constitution Sub-committee

Chair: Qiang Zhang

Members: Yen-Con Hung, Yanbin, Li, Juhua Liu, Qiang Zhang, and Yuanhui Zhang

Communication Sub-committee

Chair: Jiannong Xin

Members: Ta-Te Lin, Juhua Liu, Juming Tang, Hongwei Xin, Jiannong Xin, and Xiusheng Yang
Contact person in China: Senwen Zhang

Membership Sub-committee

Chair: Ruihong Zhang

Members: Huiqing Guo, Roger Ruan, and Ruihong Zhang

Job Opportunity

Title: Post-doctorate Research Associate

Research Area: Food process engineering with emphasis on heat and mass transfer and finite element modeling

Description: The successful applicant will be expected to work in grain processing and food engineering, with emphasis on heat and mass transfer modeling of grain drying and quality prediction. The work includes simulation of moisture, temperature and stress distributions inside a single rice or corn kernel during a drying, tempering or cooling process, and relating them to rice or corn quality indices such as head rice yield and stress crack index. The work also includes CFD study of airflow and temperature distribution in some grain drying equipment. Other projects will be identified based on your interests, capabilities, and the needs of the grain processing research program. Responsibilities also include designing and conducting experiments; data analysis; preparing manuscripts for publication; presenting research results at technical conferences; assisting in undergraduate and graduate student lab demonstration and class teaching when necessary; as well as developing research proposals for external funding to sustain the grain processing research program. The successful applicant should have a strong background in engineering mathematics related to heat/mass transfer and solid mechanics in foods. A proven experience in numerical computation using finite element or finite difference methods and familiarity with one or more programming languages are desired. Knowledge in stochastic modeling, Matlab, ANSYS, and CFD software such as Fluent or Phoenix is an asset.

Qualifications: Ph.D. in agricultural, biological, food, mechanical, or chemical engineering, or other related areas. Hands-on experience in finite element analysis of heat/mass transfer and solid mechanics is required. A strong background in engineering mathematics is desired. Ability to function in a team environment and work independently with minimal supervision is expected. Applicants must have proven authority to work in the United States. All international applicants must have a TOEFL score of 550 or TSE (test of spoken English) of 50.

Salary: \$26,000 to \$30,000 for 12-month period, depending on qualifications and experience. Continuation of the position is dependent on job performance and availability of funds.

Deadline: November 1, 2001 or when a suitable candidate is identified.

Available: December 1, 2001.

Application: Send a letter of application, resume, a list of publications, academic transcripts of all college work, and the names, addresses, telephone no., fax no., and email addresses of three professional references to:

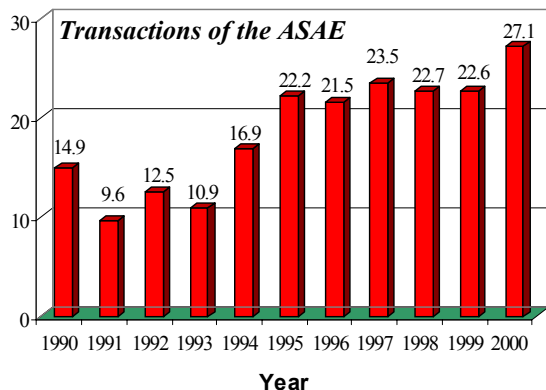
Dr. Wade Yang
Department of Food Science
2650 North Young Avenue
Fayetteville, AR 72704

Interesting Statistics from the Inauguration PowerPoint Show

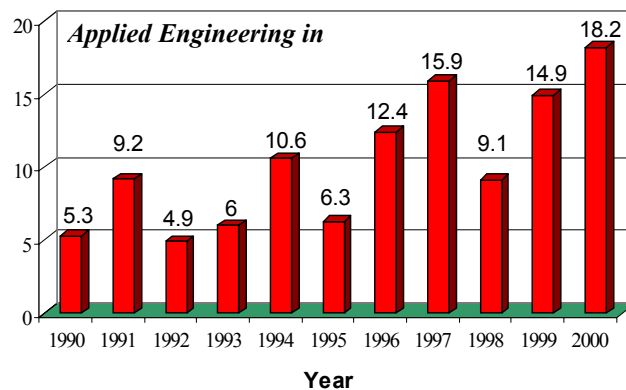
ASAE member of Chinese origin: 150
 Registered ASAE member: 7400

Percentage of members of Chinese origin: 2%
 (From 2000-2001 ASAE Member Roster)

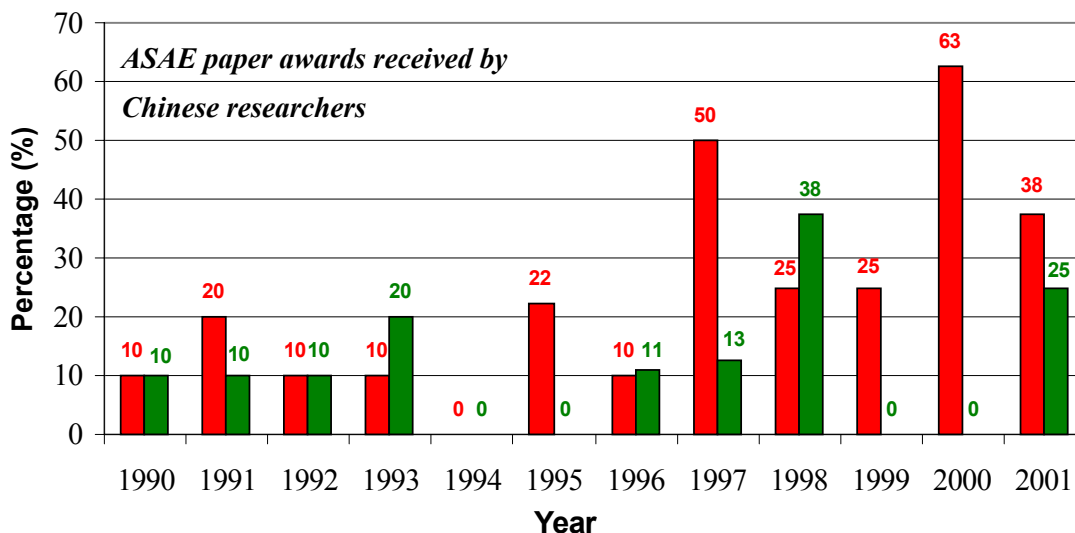
Percentage of Papers with Chinese Author(s)



Percentage of Papers with Chinese Author(s)



■ Superior Paper Award ■ Honorary Mention Award



Editor's Note

This is the first quarterly newsletter of AOC. The purpose of the newsletter is to keep our members updated on what's going on with AOC. Anyone can contribute information to this newsletter and share it with the association. The topics can range from your family life to your important research accomplishments. The newsletter is published at the end of each quarter. Because of high mailing cost, the newsletter will only be posted as a pdf file on our website, www.bae.ksu.edu/aocbae/. Everyone is encouraged to visit

the website and download a copy of the newsletter. The next issue will be published before the end of December 2001. We are collecting information from now on for the December issue. Please email your comments, suggestions, questions, stories, pictures, and/or anything you want to share with us to me at cyang@weslaco.ars.usda.gov, or to the associate editor, Lin Wang, at lwang@ksu.edu. If you need to contact me by regular mail, phone or fax, my contact information is Chenghai Yang, USDA-ARS, 2413 E. Highway 83, Weslaco, TX 78596, Tel: 956-969-4837, Fax: 956-969-4893.