



# 國際華人骨研學會

*International Chinese Hard Tissue Society ([www.ICHTS.org](http://www.ICHTS.org))*

Newsletter

September, 2003

Vol. 11 No. 1

## [Highlights of the Society News](#)

- The Annual Society Election of new leaders was held in July and August. **Dr. Qian Chen** of Brown University, **Dr. Agnes Vignery** of Yale University, **Dr. Guo Zhang** of NIH, **Dr. Webster Jee** of University of Utah and **Dr. Di Chen** of University of Texas Health Science at San Antonio have been elected to the Board of Directors. Their term of service will be from 9/03 to 9/06.
- **Dr. Darren Ji** will assume the ICHTS Presidency in September 2003 for 2 years after serving one year as the President-Elect. To prepare for the new term, Darren has established a very strong new Executive Committee to run the Society. At the same time, the current Executive Committee led by **Dr. David Ke**, after serving the Society for the past three years, will step down in September.
- The ICHTS website has been totally redesigned. Many new features are added to provide dynamic updates on the Society. Please check it out at: **[www.ichts.org](http://www.ichts.org)**
- ICHTS Leadership Team Meeting was held on July 4-6, 2003 in Cincinnati, Ohio. The short-term and long-term goals of the Society have been defined. Please visit our website for specifics.
- Annual meeting. The Ninth Annual Meeting of the Society will be held in Minneapolis, Minnesota, USA on September 21, 2003 from 6:00 PM to 8:30 PM at Nicollet A1/A2, Hyatt Regency Minneapolis.
- The Third Annual ICHTS Travel Awards to the members of the Society have been announced. **Yalei Wu** of the University of Alabama at Birmingham, **Dr. Hongmei Li** of Yale University, **Dr. Jin-Ran Chen** of the University of Arkansas for Medical Science, **Dr. Haiyan Huang** of the Third Military Medical University in Chongqing, China, **Dr. Lanjuan Zhao** of Creighton University, and **Dr. Jenny Zhao** of UCSF are the recipients of the ICHTS Travel Awards in honor of the outstanding quality of their abstracts.

- **Dr. Webster Jee**, Chairperson of the Board of Directors of ICHTS, has been selected to receive the 2003 ASBMR Excellence in Mentorship Award by the American Society for Bone and Mineral Research (ASBMR).
- Members of ICHTS, **Drs. Yu-Feng Huang, Weibin Shi, Liyu Wu, Zhou-Sheng Xiao, Xuelin Li** and **Wei Yao** are among the recipients of the 2003 ASBMR Young Investigator Award.
- ICHTS members will have a very good representation in the 2003 ASBMR annual meeting. **Dr. Agnes Vignery**, our newly elected Board member, and **Dr. Yebin Jiang**, member of the ICHTS Board of Directors, served as a member of the Scientific Program Committee. Many members will give oral and poster presentations including a “Late Breaking Abstract” oral presentation by Dr. Vignery.
- **Dr. Edith Lau**, member of ICHTS, has recently been awarded the Fonterra Brighter Innovation Award 2003 for her contribution to research in osteoporosis.
- **Dr. Jiliang Li** of Indiana University, member of ICHTS, was the recipient of the 2002 Louis V. Avioli Best Article Award.
- Members of ICHTS, **Drs. Kun Zhu, Xiao-Fang Wang, and Deqiong Ma**, were awarded the Australia and New Zealand Bone and Mineral Society (ANZBMS) Roger Melick Young Investigator Award.
- ICHTS co-organized the 2002 International Bone Research Instructional Course & Hands-on Workshop, October 17-19, 2002, Hong Kong, China.
- ICHTS and CSOBMR (Chinese Society of Osteoporosis and Bone Mineral Research, Chinese Medical Association) will jointly organize the International Conference on Osteoporosis and Bone Research (ICOBR) in Beijing, October 10-14, 2003.
- ICHTS is planning to organize a symposium entitled: "International Symposium on Skeletal Tissue Regeneration and Related Research". The symposium will be held in Beijing, October 2004, and to be jointly organized with the Medical Engineering Section, Chinese Academy of Engineering Science, and the Chinese Association of Trauma and Tissue Repair.
- Membership of ICHTS has steadily increased. Currently, ICHTS has 488 members.
- ICHTS has established a strong Mentoring Program to help our junior members in their career development. Dr. Xu Feng, the new Chair of the Education Committee, leads this effort.
- ICHTS representatives, Drs. Darren Ji, Xu Cao and David Ke have been invited to attend the National Day Gala and Banquet hosted by Mr. Yang Jiechi, the Chinese Ambassador to the US, on September 28, 2003 in Washington D.C.

## From the President's Desk

Dear Members and Friends,

It has been another busy year for ICHTS. As you can see from this issue of the newsletter, we have made some good progress and accomplished important goals. This issue of the newsletter is intended to report the status of your society before our annual meeting on September 21<sup>st</sup>, 2003, Minneapolis, Minnesota, USA. If you travel to Minneapolis, I hope you can find time to join us on the evening of September 21<sup>st</sup> from 6:00 – 9:00 PM. If you are not traveling to Minneapolis, I hope you can find time to read this newsletter.

The membership of ICHTS has steadily increased to 488. Thanks to Drs. Web Jee and Peng Liu and the Membership Committee for their efforts in recruiting new members and promoting the ICHTS mission. ICHTS has successfully co-organized with other partners the 2002 Hong Kong Workshop as reported by Dr. Ling Qin. We are in the final stage of preparation, along with the Chinese Society of Osteoporosis and Bone Mineral Research (CSOBMR), Chinese Medical Association, in co-organizing the International Conference on Osteoporosis and Bone Research (ICOBR) in Beijing, October 10-14, 2003. The Organizing Committee led by Darren Ji is taking the final steps to ensure we have a high-quality and successful meeting. The Program Committee, led by Webster Jee has gathered a large group of scientists to participate in this important meeting. I hope to see many of you in Beijing next month.

Another exciting event for the Society is that Darren Ji will assume the ICHTS Presidency in September 2003 after serving one year as the President-Elect. Darren has formed a group of very capable members in his new Executive Committee and is ready to take the reins of the Society. Many of you know Darren very well. He has been involved with many Society activities, specifically the establishment of an alliance with Chinese Societies in bone and mineral research. His contribution to the development of our Society over the past three years is remarkable. I certainly believe you will join me in congratulating Darren for his new role in the Society. In his remarks, Darren will share with you our short and long-term goals and discuss with you how we can accomplish them.

I would like to welcome Drs. Qian Chen, Agnes Vignery, Guo Zhang, Webster Jee and Di Chen to our new leadership team. They are the newly elected members of the Board of Directors. Thanks to Gang Li for his effort in running the election this year.

Congratulations to the six members who are the recipients of this year's ICHTS Travel Award, as announced by Di Chen and the Nomination Committee. ICHTS has been giving travel awards to our

members for each of the past three years, even in financially difficult times, because we believe this is one of the ways we can help our members.

This year's other successful activity is fundraising headed by Yebin Jiang. Every one of us should convey our appreciation for Yebin's effort in raising funds to support our Society activities.

Many of you have done a great job in supporting the Society during the past 12 months. I cannot highlight all the achievements and acknowledge all individuals in this short note. Please join me in Minneapolis and Beijing to celebrate our achievements and share plans for the Society's future.

It has been a nice and unforgettable experience for me to serve the Society during the past three years. Before I pass the Presidency to Darren, I would like to thank all of you for giving me the opportunity to know, to work with, and to learn from each of you. I have learned a great deal by serving the Society, and I strongly encourage each of you to volunteer your service to the Society. Many of us, including yourself, will greatly benefit from your service.

I would also like to thank each member of our current Leadership Team. Their outstanding efforts during the past three years have moved ICHTS a step closer to our ultimate goal.

I believe we have put our Society into the hands of a group of leaders who have the enthusiasm, energy and ability to move our Society up to the next level - that is to become a highly respected professional society in the hard tissue research field.

Thank you for all your support and encouragement during the past three years. I am looking forward to seeing you in Minneapolis and Beijing.

Sincerely,



Hua Zhu (David) Ke

### [Message from the In-Coming President](#)

Dear ICHTS members:

Eight years ago when I was introduced to ICHTS, I was deeply attracted by its vision of creating a cohesive society dedicated to promoting the professional and scientific growth of Chinese hard tissue researchers around the globe. Over the years I witnessed the growing phases of the society and got to know outstanding scientists such as Web Jee, David Ke, James Yeh, Xu Cao and many others. Three years ago when David Ke and Web Jee invited me to work on the leadership team, I felt honored, as

well as anxious about not being able to do a god job. Looking back, I cannot tell you how much I treasure this experience. Not only was I glad to have the opportunity to contribute to the growth of the society, I felt blessed to have learned so much from the outstanding members of the leadership team. I gained valuable insight on effective leadership, synergistic team work and most importantly, the responsibility of an individual to the community and the society.

Today with an added depth of excitement and yet the same level of trepidation, I assume the role of presidency of ICHTS. I am grateful for the tremendous trust that my fellow members, like you, have placed in me. I also appreciate this responsibility and regard it as a tremendous challenge. I have been asking myself; “Will I be able to live up to the full expectations of our members, and the vision of our founding colleagues? How do I bring unique values to the society and make a real difference?”

Upon further thought, I decided I could not do too badly! The effective leadership of Web Jee and David Ke over the past three years has helped the society to go through the exciting, yet sometimes painful “teenage” years, and it has now matured into a professional society with a well-established system. The greatness of this system is that it ensures no individual’s lack of ability can tremendously deter the society from accomplishing its mission. The effectiveness of this system has been demonstrated by the noted achievements we have made in the past few years, as summarized by David in his latest address. ICHTS is becoming a recognized and respected source in the field of bone and mineral research, in both Chinese and international communities, and it is indeed a collective effort!

In fact I am highly optimistic that I perform this job quite well in the next two years. Just take a look at the enthusiasm and capability of the new leadership team members. Their passion, energy and creative thinking in serving the society assures me that the only blockade on our road to excellence is our reluctance to think big! Let’s have a closer look at a few of the new initiatives started by the members of this team. Xu Feng, heading up the Education Committee, has developed a strong mentoring program to help the growth of our junior members globally. Di Chen, Vice-President of ICHTS, has just unveiled an exciting plan to establish an ICHTS research center in China. Hong-wen Deng, has worked diligently to compile and publish the first osteoporosis and bone research book in Chinese, authored by members of ICHTS. The aim is to bring the most updated knowledge and cutting edge technologies to China and Chinese readers. Xu Cao, of External Relations, has established active communications with the Chinese Embassy in the US and with China’s State Food and Drug Administration (SFDA) to explore win-win strategies for co-development in China.

ICHTS has a clear mission. We seek to promote scientific and professional excellence and enhance communication among scientists of Chinese heritage and other international scholars in the field of hard tissue research and related areas. We represent a unique blend of scientific expertise and cultural heritage. Collectively, we can exert a dynamic and effective impact on the international scientific community, and provide a much greater resource to scientists of Chinese heritage than any individual effort could achieve.

What is the new plan to accomplish our mission? Here are a few specific goals the new ICHTS leadership team will strive for:

- **Provide members with opportunities for communication, networking, and collaboration**
- **Develop and implement a strong mentoring program to promote career and technical advancements of our global members**

- **Encourage and recognize the scientific contributions of our members by providing achievement and travel awards to attend scientific meetings**
- **Provide an esteemed unit of scientific and technical consultants to work with China in supporting scientific research and drug development in the field of osteoporosis and hard tissue research**

We place a special emphasis on working with China with good reason. Passion and cultural attachment is certainly one of them. China's strong economic growth is contributing to the wealth of the world, as well as opening up tremendous opportunities for scientific and pharmaceutical development. China also harbors a rich source of intellectual talents that need to be tapped. Further, as ICHTS grows, many more members will reside in China. My dream is that one day, the quality of China's scientific research will become as attractive to international colleagues as her rich cultural heritage and authentic food. In the field of bone and mineral research, ICHTS, with its unique blend of expertise and culture, is well positioned to help hasten the journey to that day.

In closing, I hope that in two years, on looking back, we will proudly say that ICHTS has made another giant step in promoting science and career growth for our members, as well as contributing to the global community. For that I ask for support from each of you and solicit your voluntary contributions to the society. It will be a joyful experience, of this I am sure.



Darren Ji  
President of ICHTS (2003 – 2005)

### [New Executive Committee](#)

**Dr. Darren Ji** will assume the ICHTS Presidency in September 2003 after serving one year as President-Elect. Darren has established his new Executive Committee and is ready to administer the Society after the 2003 annual meeting in Minneapolis. His new Executive Committee includes Di Chen (Vice President), Jian Feng (General Secretary), Xu Cao (Public Relation), Hong-Wen Deng (Publication), Xu Feng (Education), Chun-Yuan Guo (Treasurer), Yebin Jiang (Finance), Gang Li (Nomination/Election), Ji Li (China Development), Peng Liu (Membership), Hali Wang (Audit) and David Ke (Past-President). For a detailed introduction of each of these leaders, please visit the website ([www.ichts.org](http://www.ichts.org)).

### [ICHTS Annual Meeting](#)

The Ninth Annual Meeting of the Society will be held in Minneapolis, Minnesota, USA on **Sunday, September 21, 2003 from 6:00 PM to 8:30 PM** at Nicollet A1/A2, Hyatt Regency Minneapolis. We would like to invite all of you, members and friends of ICHTS, to join us at this annual gathering. In addition to the President's progress report (David Ke) and the new President's address (Darren Ji), we will also have Professor Tom Clemens to share perspectives on developing a collegial and

collaborative working relationship with ASBMR. In addition, Dr. Guo Zhang from NIH will discuss some tips for a successful grant application. Furthermore, we have invited representatives from the Chinese Embassy in DC to have an open discussion with us regarding collaborative opportunities in China. Please go to our website ([www.ichts.org](http://www.ichts.org)) for the full agenda.

### **ICHTS 2003 Annual Meeting Agenda**

6:00–8:30PM, Sunday, September 21, 2003

Nicollet A1/A2, Hyatt Regency Minneapolis, Minnesota

Host: Dr. Ji Li

Social time: 6:00 PM – 6:30 PM. Snacks, soft drinks, and deserts will be served.

1. President's progress report – David Ke, 6:30 – 6:45pm

The Society continued to grow and make a strong impact in the scientific community in the past year. David Ke will highlight the Society achievements on 1) the alliance with the Chinese Medical Association to hold an international osteoporosis conference; 2) the fast growing membership, 3) a newly established website for dynamic information exchanges, 4) our members' achievements in hard tissue research, 5) ICHTS Travel Awards.

2. New President's address – Darren Ji, 6:45 – 7:00pm

There is much that ICHTS can do to promote scientific and professional advancement in the Chinese and international communities. Darren Ji will share the Society's re-defined mission, goals and the development plan for the coming years. This includes 1) developing a strong mentoring program to help members' career and technical growth; 2) establishing a high quality ICHTS research center in China; 3) strengthening effective working relationships with the Chinese government agencies to facilitate science and pharmaceutical development. Darren will introduce the new leadership team members.

3. Meet a Professor- Tom Clemens. 7:00 – 7:15pm

ICHTS seeks to establish active dialogs with mainstream academic societies such as ASBMR and identify win-win opportunities for co-development. We have invited Dr. Tom Clemens, a long-time member of ASBMR and a candidate for the President-elect of ASBMR, to share perspectives on developing a congenial and collaborative working relationship with ASBMR.

4. Key points for a successful grant application – Guo H. Zhang, 7:15 – 7:30pm

A successful academic career depends on securing a continuous inflow of research funds. Dr. Guo H Zhang will be with us again to share his perspective as a Program Director at NIH on developing unique strengths for successful grant applications from Chinese investigators.

5. Open discussion on the development opportunities in and with China, 7:30 – 8:30pm

Our deep-rooted passion and the exciting growth opportunities in China have compelled us to work and develop opportunities in and with China. What are the open opportunities? What are the relevant government policies? What are realistic approaches? We are greatly honored to have Mr. Zheng Wangquan of the Chinese Embassy in the US to join us for an open discussion on these topics.

### **ICHTS Leadership Team Meeting in September 2003**

An ICHTS Board of Directors and leadership team meeting will convene at Hyatt Regency Minneapolis on Sept 18, 2003 at 7:00 pm – 11:00 pm, to review activities for 2003 and discuss plans for 2004 and 2005.

### **2003 Election (Chair: Gang Li)**

The Nomination/Election Committee of ICHTS would like to share the following important information for 2003 election of ICHTS to the members in this newsletter.

Electing new members of the Board of Directors (BOD) and officers of ICHTS is a very important activity for ICHTS. Following the call of nomination for the election of five new members to the Board of Directors for ICHTS in June, we received nominations for 8 candidates from our society members. All of the candidates have been actively involved in our society activities over the past years and have expressed their willingness to serve our society further. The candidates' CVs and vote papers were circulated to all members of the society via e-mail. Five new members of the Board of Directors were elected based on the vote of the ICHTS membership. They are: Prof. Qian Chen of Brown University (newly elected), Dr. Agnes Vignery of Yale University (newly elected), and Dr. Guo Zhang of NIH (newly elected), Prof. Webster Jee of University of Utah (re-elected) and Dr. Di Chen of University of Texas Health Science Center at San Antonio (re-elected). Their term for service will be from 09/2003 to 09/2006. The election results were approved by all current members of the Board Directors, and were announced by President Dr. David Ke by e-mail to ICHTS membership. I would like to thank all the candidates and members for taking part in the election exercises. We look



forward to working together with the newly elected BOD members to better serve the members of our Society.

### ICHTS Travel Award (Chair: Di Chen)

I would like to take this opportunity to thank all members who submitted abstracts for 2003 ICHTS travel awards. I also would like to thank all the reviewers for carefully reviewing and evaluating abstracts. This year we received 29 abstracts and all of them are of high quality. After receiving the abstracts, the abstracts were sent to eight reviewers with the authors' name and affiliations omitted. Therefore, I believe that all abstracts received fair review. The abstracts were reviewed and scored based solely on their scientific merit. The range of the scores was 1 – 10 with 10 being the best. The top six abstracts were selected based on their scores (see below). The full abstracts can be found in the Travel Award announcement posted on the ICHTS website ([www.ichts.org](http://www.ichts.org)). Again, I want to thank you for your participation and hope to receive more abstract submissions in the future.

**Top six high score abstracts** (from total 29 abstracts): #13 (8.19), #31 (7.89), #28 (7.69), #1 (7.63), #3 (7.63), #12 (7.56).

(#13) ER- $\alpha$  Negatively Regulates TGF- $\beta$  Signaling by Blocking Smad4 Binding to DNA. Presenting author: Yalei Wu (Email: [yawu@path.uab.edu](mailto:yawu@path.uab.edu)), Department of Pathology, University of Alabama School of Medicine, Birmingham, AL, USA

(#31) IRAKM Is A Negative Regulator of Osteoclasts. Presenting author: Hongmei Li (Email: [hongmei.li@yale.edu](mailto:hongmei.li@yale.edu)), Yale University School of Medicine, New Haven, CT, USA

(#28) Unequivocal Demonstration of Estrogen Signaling Through the Androgen Receptor in Osteoblasts and Osteoclasts. Presenting author: Jin-Ran Chen (Email: [chenjinran@uams.edu](mailto:chenjinran@uams.edu)), Division of Endocrinol & Metab, Center for Osteoporosis and Metabolic Bone Diseases, University of Arkansas for Medical Sciences, Little Rock, AR, USA

(#1) Bone repair is dramatically delayed in Dentin matrix protein-1 (Dmp1) deficient mice. Presenting author: Haiyang Huang (Email: [huangha@umkc.edu](mailto:huangha@umkc.edu)), Department of Orthopedic Surgery, Daping Hospital, Third Military Medical University, Chongqing, China

(#3) Testing Association and Linkage of 8 Candidate Genes with BMD in 405 Caucasian Families Using Multiple SNP Markers and Haplotypes. Presenting author: Lanjuan Zhao (Email: [zhaolanjuan@creighton.edu](mailto:zhaolanjuan@creighton.edu)), Osteoporosis Research Center, Creighton University, Omaha, NE, USA.

(#12) Longitudinal Changes in 3D Microarchitecture of Human Iliac Crest Bone Biopsies:

Transmenopausal versus Postmenopausal. Presenting author: Jenny Zhao, Osteoporosis and Arthritis Research Group, University of California, San Francisco, USA

**[International Conference on Osteoporosis and Bone Research, October 10 – 14, 2003, Beijing, China.](#)**

ICHTS and CSOBMR (Chinese Society of Osteoporosis and Bone Mineral Research) under the Chinese Medical Association (CMA) have entered an alliance to co-organize the International Conference on Osteoporosis and Bone Research (ICOBR) in October 10 – 14, 2003 in Beijing, China. We are in the final stage of preparation. Specific information on the conference is posted on the websites: [www.icht.org](http://www.icht.org); or [www.chinamed.com.cn/icobr](http://www.chinamed.com.cn/icobr).

**Below is the welcome address by Professor Webster Jee, Chairperson of the Board of Directors of ICHTS and the Co-President of the ICOBMR.**

Greetings, I thank the Chinese Society of Osteoporosis, Bone and Mineral Research (CSOBMR) and the International Chinese Hard Tissue Society (ICHTS) for the honor of serving as Co-President of this International Conference on Osteoporosis and Bone Research. Many years ago as a founding member of ICHTS, I had a dream that one day we would begin to hook up with a viable and exciting organization in China to hold gatherings to promote scientific and professional excellence and enhance communication among scientists of Chinese heritage and other international scholars in the field of hard tissue research and related areas. This gathering proves dreams do come true. This is only the beginning. Please visit the ICHTS booth to get informed and join in our aim to leverage the Society's strength to help China and Chinese research in the hard tissue and related research community -- an endeavor in communication and learning that is challenging and exciting!

Even though we had to delay this conference due to SARS, we have managed to recruit a large number of famous international investigators for this joint meeting. Among the invited speakers are 7 experts from Mainland China, 2 from Hong Kong, and 2 from Germany. The remaining speakers are from the United States and are members or honorary members of ICHTS. Among these ICHTS notables are:

- Three former Presidents of the American Society of Bone and Mineral Research [ASBMR - Arnaud '81; Bilezikian '95; Recker '01].
- Three William R. Neuman Awardees of ASBMR [Krane '89; Arnaud '91; Frost '01].
- ASBMR Frederick C. Bartter Award [Bilezikian '00].
- ASBMR Award for Outstanding Research in the Pathophysiology of Osteoporosis [Ke '01].

- ASBMR Excellence in Mentorship Award [Jee '03].
- Founding President, Past President and President of the International Chinese Hard Tissue Society [ICHTS- Jee '98; Ke '00-'03; Ji '03-].
- The past President of the Orthopedic Research Society [ORS- Carter '88].
- The President of the Hong Kong Society of Endocrinology, Metabolism and Reproduction [Kung '00-].
- The Founding President of the Osteoporosis Society of Hong Kong [Kung '02].
- The President of the Asian Pacific Osteoporosis Foundation [Lau '02].
- The President of the Hong Kong Osteoporosis Foundation [Lau '02].

I apologize for not being acquainted with the accomplishments of the speakers from Mainland China.

Our invited speakers and participants will be covering the following topics:

- Osteoporosis Revisited
- Determinates of Bone and Muscle Strength
- New Therapies in Osteoporosis
- Therapies and Repair in Skeletal Defect
- Hot Topics
- Oral Presentations of Submitted Abstracts

Among the notables are many young, exciting and knowledgeable speakers to demonstrate our willingness to wed the young with the old.

In order to improve communication in that even though the talks are given in English, we have recruited members of the ICHTS to serve as interpreters to insure accurate interpretation of many talks for the Chinese attendees. Furthermore, the slides will be shown in both English and Chinese.

The program has been designed to encourage discussion as well as opportunities to interact with our speakers and to set in motion some joint efforts. I encourage you to join in the discussions. Please remember, the conference seeks to emphasize two things: Communication and trying to understand. To do the latter you must do more than listen and read; you must wag your tongue. Fear of asking dumb questions only guarantees continued ignorance and everyone here is selectively ignorant. The only shame attached to it: To reject opportunities to dispel it when they are offered. So to talk to someone, especially invited speakers, just walk up, introduce yourself and start talking (always be polite, but never bashful).

Welcome to this unique learning experience and opportunities to generate cooperative research efforts. So listen, read, mingle, ponder, learn and enjoy.

Sincerely,



Webster S.S. Jee, Ph.D.  
Chairperson of the Board of ICHTS  
Co-President, ICOBMR 03.

### **ICHTS Mentoring Program (Education Committee Chair: Xu Feng)**

#### **A Mentoring Program is now in place to help our members**

One of ICHTS' most important missions is to help its junior members develop a successful research career. To accomplish this mission, in the recent ICHTS' leadership meeting held July 5-6, 2003 in Cincinnati, OH, the participants proposed to establish a mentoring program. It was envisioned in the meeting that this program would be established to provide a formal channel through which our young members in their early career development can easily get specific help from the established members. With the strong support from our senior members, our mentoring program has been developed and is now available to you.

The Mentoring Program is divided into three major categories: Research Areas, Career Development Skills, and General Skills. In each category more specific areas/topics are listed. We provide you with names of our senior members who are willing to help. We would like to let you know that these senior members have all developed a successful career in either academia or industry. Thus, they all have abundant experience and knowledge to offer you. More importantly, they are committed to helping you develop a successful research career.

Furthermore, the current Mentoring Program is just a beginning. We will continue to improve the program by adding more mentors and expanding the areas/topics in which our members can get help. Therefore, ideas and comments on how to make this program better and more accessible to our members, are greatly welcomed. Please send your suggestions and comments to Xu Feng ([xfeng@path.uab.edu](mailto:xfeng@path.uab.edu)).

### **Membership Committee Report (Acting Chair: Webster Jee; new Chair: Peng Liu)**

After taking over as Acting Chairman of the Membership Committee, we launched a very active campaign to get new members to join ICHTS -- our goal was "1000 members by the end of 2003".

From my laboratory, we sent out several e-mails to all members of the Society who had e-mail addresses on record to ask their help in recruiting new members. We did get some response with

names of suggested people to send letters of invitation to and an application for membership. This was done several times.

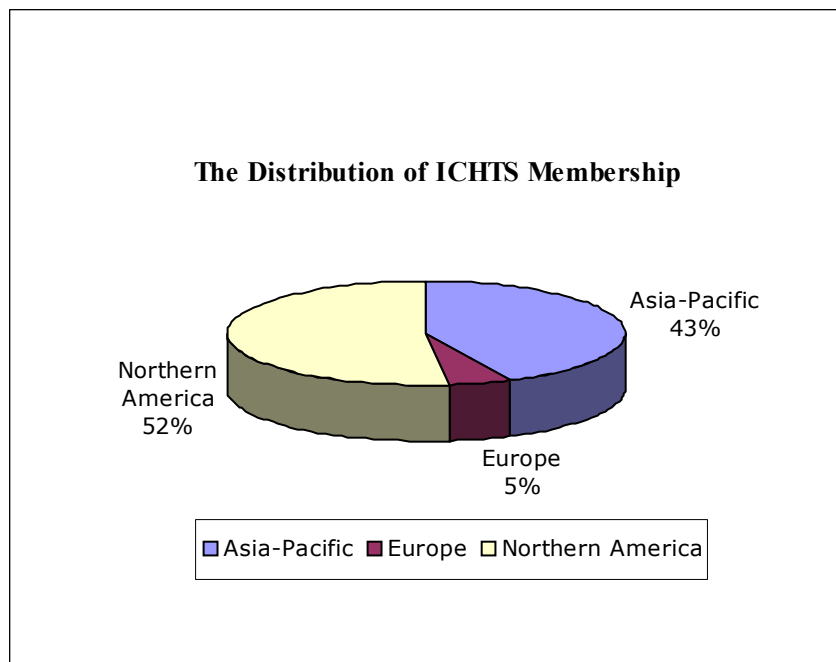
We canvassed the ASBMR directory and Abstract book for possible names and e-mail addresses. These individuals were e-mailed invitations and membership applications repeatedly.

We contacted all names given to me by a former student from Taiwan, repeatedly.

We e-mailed all possible people from the Bone Workshop held in Hong Kong in 2002 (Ling Qin) and names & e-mails we could get from the HOMA meeting (Yanling Zhao), repeatedly.

New membership applications were e-mailed to Peng Liu to be added officially to the membership role and he was to send out membership certificates.

From August 2002 to August 2003, we have added 161 new members. By September 2, 2003, our Society has a total of 488 members, 52% of them are from North America, 43% are from Asia-Pacific region and 5% from Europe.



Thanks to Mei-Shu Shih for trying to attract new members through the ORS and canvassing Universities in the Northwest for potential members with Chinese names, with minimal success.

Thanks to JingMei Wang for her efforts in China as well as everyone I failed to mention.

As of the Leadership Meeting in July 2003, Peng Liu took over as Chairman of the Membership Committee.

Even though there was about a 50% increase in members, we are a long way from our goal of "1000 members by the end of 2003" and it requires more help from all current members of the Society. Please join in this effort and forward to Peng Liu ([pliu@neuron.uchc.edu](mailto:pliu@neuron.uchc.edu)) with names and e-mail addresses of potential members.

Recommendation -- there is a need for more dedicated (active) members in the Committee. The past year indicated that there must be direct contact with potential members to add new members.

### **New Members of ICHTS (August 2002 to August 2003)**

We apologize if your name has been omitted, please send your information to Dr. Peng Liu ([pliu@neuron.uchc.edu](mailto:pliu@neuron.uchc.edu)), the new Chairman of the Membership Committee.

**An**, Huehuei H; **Boscainos**, Petros J; **Bu**, Rongfa; **Cao**, Jiayin; **Cao**, Yongping; **Cao**, Yuelong; **Chan**, Francis; **Chen**, Bing; **Chen**, Fang; **Chen**, JingSong; **Chen**, Liang-cheng; **Chen**, Qian; **Chen**, Qiang; **Chen**, Xuesong; **Chen**, Yan; **Cheung**, Angela M.; **Cheung**, WingHoi; **Chow**, Daniel; **Cui**, Weiguo; **Dai**, Jianming; **Deshpande**, Amit; **Dickson**, Glenn; **Dong**, Shaepeng; **Du**, Yu; **Du**, Zhengjing; **Fang**, Chen; **Feng**, HaoTian; **Feng**, Yibo; **Fu**, Kerjuen; **Fujii**, Akira; **Gao**, Ping; **Gu**, Keni; **Guo**, Chun-Yuan; **Guo**, Jing-jing; **Hai**, Zhang; **He**, Qiluen; **Hong**, MeiHua; **Hou**, Sheng-Mou; **Huang**, Lin; **Hui**, Siu; **Ji**, Ming; **Jian**, Wei-Xia; **Jiang**, Qui Zhen; **Jiang**, Xi; **Jin**, Qunhua; **Kalajzic**, Ivo; **Kam**, Chan Wei; **Kong**, DeCheng; **Kong**, Juan ; **Koo**, Winston; **Krishnadasan**, Dharmini; **Lai**, Yau-Ming; **Lam**, Benny ShingChun; **Lee**, Warren TK; **Li**, Mao Xin; **Li**, Qingnan; **Li**, Xiaofen; **Li**, Yaping; **Li**, Yong; **Li**, Yuan-Neng; **Lin**, Jian; **Lin**, Jianhao; **Lin**, Xiaoning; **Liu**, Hong; **Liu**, Pengyuan; **Liu**, Shiguang; **Liu**, Wen; **Liu**, Xiaoqing; **Liu**, YuYu; **Low**, Siew-Leng; **Lu**, William; **Lu**, Yan; **Lu**, Yi; **Luo**, Guangbin; **Luo**, Shi S.; **Luo**, Zong-Ping; **Lyritys**, George P.; **Ma**, Peter; **Men**, Ping; **Niu**, Xiaohui; **Pan**, Wei; **Peng**, Hairong; **Peng**, Taiping; **Peng**, Xueyan; **Qin**, DongYun; **Qin**, Yixian; **Sang**, Hongxun; **Shen**, Tusing; **Song**, Li Hua; **Song**, Shu-Jun; **Su**, Ming; **Sun**, Hong; **Sun**, Li; **Tan**, Cheng Jessie; **Tan**, We-Yin, Jamie **Tian**, Jia; **Tsang**, Reginald; **Tu**, QiSheng; **Wan**, Chao; **Wang**, James H.; **Wang**, Li; **Wang**, Liming; **Wang**, Liping; **Wang**, Tim; **Wang**, XianLi; **Wang**, Xiaodu; **Wang**, Xiaofang; **Wang**, Yanbo; **Wang**, Yidian; **Wang**, Yu-Hsiung; **Wei**, Kuanhai; **Wei**, Lei; **Won**, Sanzhon; **Wong**, Mayme; **Wu**, Dargong; **Wu**, HayTong; **Wu**, LiYa; **Xian**, Su; **Xiao**, Li-Ping; **Xiao**, Zhou-sheng; **Xiao**, Peng ; **Xing**, ZhiQing; **Xiong**, Donghai; **Xu**, Bilian; **Xu**, Hong; **Xu**, LiLi; **Xu**, Min; **Xu**, Yang; **Yang**, Diana S.; **Yang**, Shang-You; **Yang**, Shaohua; **Yang**, Xu; **Yang**, Yan-Jun; **Yee**, John; **Yeng**, Cuenmao; **Yeung**, Hiu Yan "Benson"; **Yi**, Lan; **Yu**, Hau; **Yu**, Xijie; **Yu**,

Yan; **Yuen**, Chui; **Zeng**, Yuhong; **Zhang**, Fangrong; **Zhang**, Jian; **Zhang**, Weijian; **Zhao**, Longzhu.

### **Finance Committee Report (Chair: Yebin Jiang)**

Importance: (1) Fund raising is the only revenue we have for our society, a non-profit organization;  
(2) We need funds for all of our activities.

Dilemma: (1) Economic situation; (2) Definition on the joint effort fund raising with CMA for Beijing meeting

Actions: (1) Consultation: Chun-yuan Guo, Darren Ji, David Ke, Di Chen, Hali Wang, Ji Li, Web Jee;  
(2) Contacted 24 pharmaceutical companies, biotech companies, equipment manufacturers, service providers, etc., on behalf of ICHTS only

Results: (1) Responses: 80%; (2) Committed: 33%

<u>Company/Donor</u>	<u>Amount</u>
Amgen	\$ 3,000
Orthologic	\$ 2,000
P&G	\$ 2,000
Pfizer R & D	\$ 2,000
Osteometrics	\$ 1,000
Skeletech	\$ 1,000
<u>Scanco</u>	<u>\$ 1,000</u>
Total:	\$12,000
Committed by Not Yet Received	
<u>Pfizer PVP Program</u>	<u>\$5,000</u>

Comments: (1) We are very grateful for the generous support we have obtained; (2) Fund raising has helped the Society to grow and serve its members; (3) We are soliciting help and support from ICHTS members for the fund raising efforts; (4) Individual member contributions are important to us as we do not collect any Society dues; (4) Your contribution is tax-deductible.

Help: (1) We are open to all constructive suggestions; (2) Also welcome voluntary assistance from ICHTS members.

### **Audit Committee Report (Chair: LiYa Tang)**

Three members of the ICHTS Audit Committee recently audited the ICHTS account to examine the account activities carried out from August 1<sup>st</sup> 2002 to July 30<sup>th</sup> 2003. The current treasurer provided the Audit Committee with the following information: account activity-tracking tables, monthly bank

statements from August 2002 to July 2003, and supporting documents. All the information was thoroughly reviewed by the committee, and it basically conformed to the ICHTS account guidelines. Each transaction in the account was clearly recorded in the activity-tracking tables, which matched what showed in the bank statements. The account activities and balance between August 1<sup>st</sup> 2002 and July 30<sup>th</sup> 2003 were summarized in the following table.

Items	Transactions between 8/1/02 and 7/31/03			Balance at 7/30/2003	
	Balance at 7/30/2002	Income	Expenditure		
Checking account	\$1,386.16			\$3,299.68	
Saving account	\$16,940.60			\$18,283.89	
Corporate contributions		\$12,000.00			
United way contributions		\$122.55			
Dividends from bank		\$94.39			
Hong Kong Workshop		\$1,260.90	\$2,822.15		
Award program			\$1,500.00		
ICOBR meeting Prep			\$1,054.00		
ICHTS annual meeting			\$1,945.35		
ICHTS leadership			\$2,186.53		
Office supplies			\$713.00		
<b>Total</b>	<b>\$18,326.76</b>	<b>\$13,477.84</b>	<b>\$10,221.03</b>	<b>\$21,583.57</b>	
				<b>Calculated balance</b>	<b>\$21,583.57</b>
				<b>Difference</b>	<b>\$0.00</b>

Audit Committee Members:

LiYa Tang, Bayer Pharmaceutical, phone: 203-812-3491, Email: [liya.tang.b@bayer.com](mailto:liya.tang.b@bayer.com)

Hong Qi, Pfizer Inc., phone: 860-715-0878, Email: [hong\\_qi@groton.pfizer.com](mailto:hong_qi@groton.pfizer.com)

Tianshun Xu, GlaxoSmithKline, phone: 919-483-9248, Email: [tianshunxu@yahoo.com](mailto:tianshunxu@yahoo.com)

**Message from the Publication Committee (Chair: Hong-Wen Deng)**

Dear ICHTS members,

Currently, the International Chinese Hard Tissue Society is engaged in compiling two books, one dedicated to bone biology and another one to osteoporosis research. These books will be co-authored by senior scientists from our society and invited distinguished investigators in the field of bone and osteoporosis research from outside institutions. We are trying to make these books a comprehensive



overview, covering a variety of aspects of both basic research of bone and clinical study of osteoporosis. For each chapter, the books will both serve as a text-book introducing the basic concepts and be used as an in-depth review updating the current understanding of a certain subject. The books will be written in both English and Chinese and published both internationally overseas and domestically in mainland China. With a team of authors renowned internationally in the field of bone and osteoporosis research, the publication committee is confident that these two books, once published, will become widely-read and well-cited scientific classics, benefiting scholars and clinicians both in China and around the world. We, as the publication committee, will make every effort to make the publication of the books a success.

Currently, we are finalizing the table of contents of the books as attached. Comments and suggestions from every member of the society are appreciated. If a member of the society is willing to contribute a new chapter, please contact the Associate Editor, Yaozhong Liu at [yzhliu@creighton.edu](mailto:yzhliu@creighton.edu).

Yours sincerely, Hong-Wen Deng (Chairman), Yaozhong Liu, Guo Chun-Yuan, Chen Di, Jiang Ye-Bin (Associate Editors)

### **[Report on 2002 Hong Kong Workshop \(Chair: Ling Qin\)](#)**

#### **2002 International Bone Research Instructional Course & Hands-on Workshop, Hong Kong, October 17-19, 2002**

The captioned workshop organized by the Musculoskeletal Research Laboratory (MRL) and Orthopedic Learning Center (OLC), Department of Orthopedics & Traumatology, Chinese University of Hong Kong (O&T, CUHK), was held in the OLC from October 17-19, 2002. Co-organizers were the International Chinese Hard Tissue Society (ICHTS), Chinese Speaking Orthopedic Society (CSOS), Hong Kong Jockey Club Center for Osteoporosis Care and Control (JOCOC), Healthstar Osteoporosis and Medical Research Awarding-Fund of China (HOMA). Internet live broadcasting was arranged during the workshop.

This Workshop provided opportunities to doctors, scientists, technologists, postgraduate students and related personnel to update their knowledge and techniques via instructional lectures and technical demonstration with reference to

- 1) Bone biology, histomorphometry, histopathology and biomechanics
- 2) Animal models for prevention and treatment of osteoporosis

- 3) Evaluation of fracture healing and fixation of osteoporotic fractures
- 4) Interface studies between bone and biomaterials
- 5) Noninvasive bone densitometries and their evaluation strategy in research

There were a total of 80 participants registered for the workshop. A total of 34 local and international faculty and 9 technicians from the organizer gave instructional lectures and hands-on training on application of the related research biotechnologies at the 3-day workshop. Internet live broadcasting was conducted for the instructional lectures to provide opportunities for those who were not able to come to Hong Kong for participation.

This Workshop also provided a forum for exploring future joint development in bone and related research, including continuous education and training, potential local, regional and international collaborations via joint research projects, sharing research funding sources and scientific information exchanges. A 200-page workshop compendium on the above-mentioned basic sciences, technologies and laboratory protocols was prepared and distributed to the participants. The detailed Workshop contents are available on the homepage: [www.ort.cuhk.edu.hk/ibrw-02](http://www.ort.cuhk.edu.hk/ibrw-02)

#### **Forthcoming ICHTS Meeting in China (Chair: Gang Li)**

The ICHTS is planning to organize a symposium entitled: "International Symposium on Skeletal Tissue Regeneration and Related Research". The symposium is tentatively scheduled in Beijing, October 2004, jointly sponsored with Medical Engineering Section, Chinese Academy of Engineering Science, and the Chinese Association of Trauma and Tissue Repair. The local hosts will be Prof. Xiao-Bing Fu, Institute of Burn Studies of Chinese Military Academy and Prof. He-Tiao Xia, Beijing Institute of External Skeletal Fixation Technology. The theme of meeting is: Improvement and innovation in treating skeletal tissue healing difficulties, from operating theatre to novel molecules, with a special interest in novel development and Chinese medicine applications. The precise date and venue are yet to be decided and will be circulated to our society members. For those who are interested in participating in this symposium, please contact Dr. Gang Li at [G.Li@qub.ac.uk](mailto:G.Li@qub.ac.uk) for further discussion and information.

#### **Other Related Meeting (Provided by Professor Edith Lau)**

The International Osteoporosis Foundation (IOF) will be hosting the **Second Asian Regional IOF Conference on Osteoporosis** on January 16-18, 2004 at the Hong Kong Convention and Exhibition Centre. The meeting is jointly organized by the Asian Pacific Osteoporosis Foundation and the Jockey

Club Center for Osteoporosis Care and Control of the Chinese University of Hong Kong, under the auspices of IOF. The Conference will address various aspects of osteoporosis management and prevention. In addition, there will be a consensus meeting on the last day, to make recommendations on diagnosis and treatment for Asians. For more information, please visit the meeting websites: [www.osteofound.org](http://www.osteofound.org) / [www.jococ.org](http://www.jococ.org) / [www.apof.org](http://www.apof.org) /.

Members of ICHTS are strongly encouraged to submit papers and to attend this conference. Attractions include young investigator awards and travel grants.

### **Dr. Webster Jee, the Recipient of 2003 ASBMR Excellence in Mentorship Award**

**Dr. Webster Jee**, Chairperson of the Board of Directors of ICHTS, has been selected to receive the 2003 ASBMR Excellence in Mentorship Award by the American Society for Bone and Mineral Research (ASBMR). The presentation of this award to Dr. Jee will be on September 20, 2003 from 9:35 AM to 9:40 PM at the ASBMR's Annual Meeting in the Auditorium, Minneapolis Convention Center. The nomination letter (below) written by Dr. Donald Kimmel, Director of Merck Research Laboratories, outlines the qualification of Dr. Jee for this well deserved award. We have obtained permission from Dr. Kimmel to share this letter with you.

American Society for Bone and Mineral Research

2025 M Street, NW, Suite 800

Washington, DC 20036-3309, USA

Re: Excellence in Mentorship Award

I would like to nominate Webster S.S. Jee, PhD, to receive this award at the 2003 ASBMR Meeting. During his 50yr career in the bone field, Web trained five DDS/PhD's, eight PhD's, (at least) seven visiting scientists, and 48 post-doctoral fellows for periods of 1-5 years. He also enjoyed a stellar research career (please see below) that spanned the years from when bone was studied because it was a sink for radioactive material, until it could be manipulated by a range of agents that cure and prevent osteoporosis in humans. His laboratory is the main one that taught methods for evaluating the status of the skeleton during in-life administration of various bone-active agents or imposition of conditions such as endocrine alteration or immobilization. Studies of this type have been successfully relied upon by university and industry-based researchers alike for in vivo proof-of-concept in the treatment of osteoporosis.

I enclose a list of Web's trainees (not shown in the Newsletter). His earliest full-time pre-PhD mentees were dentists who received PhD's under his NIDR training grant. Web's PhD trainees went on not only to occupy positions at medical, veterinary, and dental schools in the US and Far East, but also to join industry. Some thirty-plus dental students not listed lived one or more summers between 1965-1973 in Salt Lake City pulling rubber bands between rats' teeth; giving cortisol, bisphosphonates, calcitonin, parathyroid hormone, and all manner of radioactive agents to animals; partially immobilizing or activating animals, and spending hours at the microtome, in the dark room, or at the fluorescent microscope. Most major US pharmaceutical companies with active bone programs have employed one or more of Web's post-doctoral fellows.

Web taught his students good scientific and life's habits that included his nine P's: perseverance, planning, productivity, plastic, PGE2, plutonium, Sprague-Dawley rats, publication, and a positive attitude. With Web, nothing substituted for long hours in the lab that ended with the collection of voluminous quantitative data. As well, all remember the countless group activities he and his wife, Alice, hosted for his trainees. Web's favorite event for promoting training was the Sun Valley Hard Tissue Workshop that convened for its 32<sup>nd</sup> year in 2002. A complete generation of bone researchers who wanted either to practice or better understand issues with evaluating in vivo studies of the skeleton, has attended this Workshop at one time or another.

On a personal note, Web's mentorship meant everything to me. When I was a young dental student, he introduced me to bone around the teeth, as a prelude to understanding bone in the whole body. I think many of those on the list can say the same. At a crucial time in our lives, he simply did what mentors do, in a very natural fashion: "Make the opportunities available, the mistakes avoidable, the Chinese food plentiful, and the end visible and appealing." His preference was always for the more dedicated individual. He adopted us, encouraged us, showed us an example, and offered us a path to the same life that he enjoyed. He unabashedly turned all of us into his family and filled us with the realization that if we worked hard and smart, we, too, could be successful.

Web grew up in Oakland, CA and attended the University of California, Berkeley, receiving both Bachelor's (1949) and Master's Degrees (1951). He joined the Department of Anatomy and Radiobiology Division, University of Utah, as a Research Instructor in 1952, where he teamed up with Jim Arnold. Thus began his life as a bone researcher, in which he performed admirably in both discovery and mentorship activities.

The Atomic Energy Commission-funded Radiobiology Division existed to determine the relative toxicity of radium and plutonium in long-lived experimental animals. Since the main adverse outcome was osteosarcoma, the Bone Group was charged with tracking the location of plutonium and radium in hard tissues of adult animals. In 1953, Web and Jim began using one shot of IV radionuclides as “permanent” in-life tissue time markers in bone of adult beagle dogs and autoradiographs of plastic-embedded sections of non-demineralized bone. By studying the time-related redistribution of plutonium in bone, Web and Jim became among the earliest to recognize morphologically the dynamic nature of bone remodeling in cancellous and cortical bone of adult mammals. Data collected from cortical bone of rib biopsies from tetracycline-consuming humans by Web’s colleague, Harold Frost, validated this same activity in adult humans. And... the use of fluorescent in-life tissue-time markers and sections from plastic-embedded non-demineralized bone remains a gold standard for directly evaluating the influence of agents on bone remodeling. Web received his PhD from the University of Utah in 1959 for this work and became full professor in 1967. Again using the plutonium marker in a 1960 *Nature* paper, Web was among the first to push the bone field over the next 15 years to recognize that osteoclasts were descended not from local bone tissue cells, but from blood cells with phagocytic ability. In the early 1970’s, Web and his group participated in the first multicenter trial that used histomorphometric analysis of human bone samples to understand the effects of an agent, calcitriol, on remodeling of human cancellous bone in renal osteodystrophy patients.

I feel strongly that Web “has done it all” in the field of bone science. By mentoring a generation of bone scientists who are specialists in the evaluation of the effect of in vivo administered agents on the skeleton, he has made a tremendous and lasting contribution to the cure of osteoporosis. I hope you concur.

### **[Introduce A Member](#)**

In this issue of the newsletter and in future issues of our newsletter, we would like to introduce one to two members of ICHTS. We would like to hear your feedback regarding this new item in our newsletter. Please e-mail me ([huazhu\\_ke@groton.pfizer.com](mailto:huazhu_ke@groton.pfizer.com)) if you have suggestions or comments. In this issue, we would like to introduce Dr. Hong-Wen Deng, Professor of Creighton University. At a relatively young age, Dr. Deng has established himself as an independent investigator in the field, and is currently a full Professor and Director at Creighton University. In 2001, he was awarded the title of Cheung Kong (Chang Jiang) Scholar by the Ministry of Education of China. We hope you enjoy reading it and getting to know Hong-Wen.



Dr. Hong-Wen Deng, born in 1966 in Hunan Province, China, obtained his BS degree and MS degree at Peking University in 1984 and in 1990, respectively. Under the direction of Dr. Michael Lynch at the University of Oregon, he acquired his Ph.D. degree in Quantitative Genetics and MS degree in Mathematical Statistics in 1995. After postdoctoral training at the Human Genetics Center, University of Texas, Dr. Deng began work as an Assistant Professor at Creighton University in 1997. He was promoted to be a tenured Associate Professor in 2001 and full Professor in 2003. Dr. Deng has also been an Invited Professor at Hunan Normal University since 2000. In 2001, he was awarded the title of Cheung Kong Scholar (Chang Jiang Scholar) by the Ministry of Education of China.

Dr. Deng's research areas of interest include genetic epidemiology of complex diseases (e.g. osteoporosis, obesity), molecular evolution, quantitative and population genetics, deleterious genomic mutations and bone biology. Dr. Deng has been awarded grants from NIH, the US Department of Energy and the State of Nebraska; a Key Project and an Outstanding Young Scientist Award from National Science Foundation of China and Huo Ying Dong Foundation.

Dr. Deng has authored or co-authored 2 patents, more than 90 original peer-reviewed scientific papers, book chapters, and reviews in the research fields of molecular genetics, human genetics, population and quantitative genetics, genetic epidemiology, bioinformatics, statistical genetics, and osteoporosis. Dr. Deng has received prestigious recognition from various professional societies, such as First AIMM-ASBMR John Haddad Young Investigator Award and Young Investigator's Award from the American Society of Naturalists and ASBMR.

Dr. Deng is an Associate Editor of *Genetica* and is on the editorial board of *Life Science Research (China)*. He is a member of the Genetics Society of America, ASHG, ASBMR, IGES, the Great Plains States Society for Molecular Biology and Genetics and ICHTS. He serves as a regular reviewer for

nearly 30 professional and prestigious scientific journals, such as American Journal of Human Genetics, Genome Research, Genetics, and Journal of Bone and Mineral Research. He is an invited author for review or perspective articles in Current Molecular Medicine, Current Genomics, and Journal of Pharmacogenomics. He was invited as a scientific reviewer for various funding agencies, including NIH, Natural Environment Research Council of United Kingdom, National Science Foundation of USA, the Wellcome Trust, and the National Science Foundation of China. He has been invited to give many scientific presentations at national and international scientific meetings. He is the Chairman of the Publication Committee of ICHTS.

As a Professor of Creighton University, Dr. Deng directs and teaches Population Genetics, Bone Biology, Advanced Reading in Genetics and Advanced Research Methods in Genetics. As an adjunct professor of Hunan Normal University, Dr. Deng co-teaches Biochemistry for seniors. Dr. Deng has been a major advisor for seventeen graduate students and ten postdoctoral fellows at Creighton University and nineteen students at Hunan Normal University. The success of Dr. Deng's direction is evidenced by his students' and postdoctoral fellows' extensive research productivity. One Ph.D. graduate in 2000 is now a faculty member of the Yale University School of Medicine and one of his postdoctoral fellows is currently a full Professor in China.

Currently, Dr. Deng directs a genetics laboratory with seven doctoral students and five postdoctoral fellows at Creighton University. At Hunan Normal University, Dr. Deng directs a molecular and statistical genetics laboratory with two Professors, two Associate Professors, one technician, one Ph.D. candidate, and thirteen graduate students. Dr. Deng is planning to establish a Complex Genetic Disease of Chinese Population Research Center. In the future, Dr. Deng will extend his research scope to include gene expression profiling, pharmaco-genetics/genomics and proteomics.

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