## In Memory of Jian Wang, Ph.D. November 24, 1966 to June 3, 2010



DATE: August 30, 2010 TIME: 5:00 – 6:00 p.m.

PLACE: 170 Davis Heart & Lung Research Institute

5:00 p.m.

Welcome

Sherman Everett, Chaplin

Greeting

Arnab Chakravarti, M.D., Chair of Radiation Oncology

Dedication

Nilendu Gupta, Ph.D., Chief Medical Physicist

Nina Mayr, M.D., Professor, Radiation Oncology

Alburuj, Colleague

Closing

Sherman Everett, Chaplin

6:00 p.m.

End Memorial Service

## He will be missed by all.

If you would like to contribute to Jian's Memorial Fund please click the link below and you will be directed to the AAPM site. The donations collected will go directly to the support of Jian's family.

"To live in the hearts we leave behind is not to die."

Dr. Jian Z. Wang Memorial Dedication by Alburuj Rahman, August 30, 2010

I am Alburuj Rahman, a 12<sup>th</sup> grade student at Metro High School. I met Dr. Jian Wang in May of 2008 and started doing my research with him from June 2008 until he passed away in June of this year. I saw Dr. Wang right before he left for Seattle, telling me that he would see me in a few days and while away, he would correct the paper I wrote for submission to JUROS, an Undergraduate Research Journal. However, he did not send me any emails. After a week or so, Dr. Nina Mayr gave me the shocking news of his passing.

Dr. Jian Z. Wang was a superior advisor who had vigorously supported me through my two years of research with him. He guided me in learning a powerful treatment planning software, *Eclipse*, and in finding two novel techniques for craniospinal irradiation of cancer patients. He set up a desk with a computer for me near his office. He was always available to answer my questions and went into great detail discussing results I obtained. He showed great excitement and interest in my findings. He gave me the opportunity to present our results at two refereed conferences of AAPM and one at Denman Undergraduate Research with me as the first author. He informed the Radiation Oncology Department of any achievement I received, resulting in great support for me by the Department. He provided me an outline of our manuscript, encouraged me to review the relevant references, checked my work regularly and gave me supportive advice.

Our new technique has shown considerable improvement on delivering uniform irradiation to the tumor target and significantly sparing the healthy organs compared to the conventional methods currently used in craniospinal irradiation. Our simulation showed significantly reduced harmful hot spots of radiation dose to the body. In each step, Dr. Wang taught me procedures, rules, safety measurements, etc. My research with him won me the top position for the 2009 TechColumbus High School Innovation award. I also received awards from the Ohio Science Day for the district as well as the state level, and governor's award in biotechnology development. Dr. Wang was aware that I nominated him for the Best Mentor Award for the Denman Research Forum.

Dr. Wang had been very supportive of my various applications for internships. I learned to enjoy research because of his mentorship and encouragement, which I will always cherish. He had been an outstanding role-model of what principle investigators and research mentors should be like. I feel blessed to have him as my research mentor and pray all the best for his soul and for his family.

Thank you.