

Yongdong Zhou
795 West Outer Drive
Oak Ridge, Tennessee 37830
September 20, 2018

Dr. Robert Duncan
Suite 153, Experimental Sciences Building,
Box 41075, Lubbock, TX 79409-1075

Dear Professor Robert Duncan and who may need concern

I am writing in response to your advertisement in the web site of the Texas Tech University for a Associate Professor of Physics. After reading your job description, I am confident that my education background, passion for teaching, knowledge on Semiconductor Physics and Semiconductor Device Physics experiment, and semiconductor detector hands working experiences in world professional company, manufacturing, laboratory, Institute are a perfect match for this position.

I would like to bring you and your department of my broad of educations and semiconductor detector working experiences, including:

- I graduated from the Physics Department at [Nanjing Normal University](#), which was one of the top 5 Teacher's Universities in P.R.China. I had been ranked over all to be top 2 in about 100 classmates, and received the highest honor of "Outstanding Student" during this period.
- I continuously taught high school physics for four years very successfully after I graduated from Nanjing Normal University.
- I received my Master's Degree on "Solid State Physics" in one of the best MOCVD laboratory at [Chinese Academy of Sciences](#). I published many 1st-author scientific papers in journals and three of them were published over sea in second-language "English", did scientific *Invited-Presentation* in Chinese semiconductor physics conference as just a postgraduate student.
- I received my PhD Degree on "Semiconductor Physics and Semiconductor Device Physics" from the best Semiconductor Infrared Detector laboratory in P.R.China at [Chinese Academy of Sciences](#), supervised by two Chinese very top academician scientists.
- I had successfully worked as an assistant, then associate professor at the Physics Department, at [Soochow University](#), P.R.China for four years after I received my PhD degree. 9 scientific research grants had been successfully finished by me as Principle Investigator. Two master degree students received their degrees under my direction and financial support.
- I worked as a post doctor associate, and then research assistant professor in [Physics Department](#), University of Illinois at Chicago for my first three years in the States, as the only active semiconductor detector specialist in [MicroPhysics Laboratory](#). Then I moved my career to Company and Manufacturing.
- I did InGaAsP/InP semiconductor DFB laser fab at Photonami, CdZnTe radiation detector 2D arrays fab at MicroPho, Silicon and High Purity Germanium X-ray, Gamma Ray, and particle detector manufacturing at AMETEK ORTEC, and did CdZnTe and High Purity Germanium crystal ingot growth, etc.
- I possess two USA patents on Semiconductor High Efficiency Gamma Ray detectors.

I grew up in a teacher's family had been lived in school and university campus for all my childhood before came to the States. My father had been a successful high school teacher, retired as a high school president. My mother had been working as a successful primary school teacher for her entire career. I wish I could retire as a professor at TTU.

I would welcome the opportunity to further discuss this position with you. If you have questions or would like to schedule an interview, please contact me by phone at 612/483-0012 or by e-mail at uuydzhou@yahoo.com. I have enclosed my resume for your review.

I look forward to hearing from you.

Sincerely yours,

Yongdong Zhou

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