8. Please describe why you would like to serve in a leadership role for GSA. Be sure to describe your goals in serving the GSA community and any attributes, skills, expertise, or prior experience that would make you an effective member of our leadership team. Please provide concrete examples.

In 2009, I joined a 5-year PhD training program in Fudan University, Shanghai, China. I accepted scientific training on human epigenome in my first two years in School of Medicine. In the beginning, majority of my work includes all kinds of molecular and cell biology experiences, like methylation-specific PCR, Western blot and IPS cells. However, as the sequencing data accumulated in our lab, we need a lab member to conduct the data analysis to the methylation sequencing data. My supervisor convinced me to learn the skills for the bioinformatics works since I have very good programming skill in my bachelor training. As my computational skills enhanced, I just realized I am quite interesting in biostatistics or population genetics. Therefore, Later I transferred to School of Life Science to accept population genetics training. What’s more, In 2013, I received a fellowship to join in a US-China exchange program so that I can come to School of Public Health, University of Texas to have 2-year biostatistics training.

I started 2-year postdoc training in department of bioengineering, University of California, San Diego and 2-year postdoc training in Marshfield Clinic Research Institute. Now, I received a Computational Genomic Scientist in Weill Cornell Medicine. Multi-faceted training in my research career provide me a special skill to communicate and discuss the scientist from different field such as genetics, biostatistics, and epidemiologist.

I have also received a NLM supported fellowship on Computation and Informatics in Biology and Medicine with my exciting proposal “Phenome-wide Association Study of Genetic Variation in Epigenetic Factors to Test the Role of Epigenetics in Human Complex Disease”. I want to share the experience to combine the wet-lab and computational works together to seeking for funding or fellowship support experiences.

In the past 6 month, I have tried to submit multiple applications for tenure-track assistant professor position in different universities and accumulated many experiences that I want to share with early postdoc and early career investigators. Meanwhile, I want to interview earlier career scientist and collect the suggestion to postdoc and PhD student to enhance the research and research community in US.

#### 9. Please describe any issues relevant to our community that you are passionate about. Do you have suggestions for ways GSA might address these issues?

I want to interview the most successful scientist and collect the suggestion to young scientist include both cutting-edge research and research career development plan to help young scientist make the correct career path in their working and study stage.

#### 10. Please describe any previous leadership experience and how you feel it will contribute to your participation in the GSA Leadership and Professional Development program.﻿

I have multiple leader experience in my PHD and Postdoc training. For example, I have been created a Postdoc learning group both in Fudan and UCSD to unite student and postdoc with different background to introduce their current published works and encourage them to have collaborate leveraging there specific background and skills.