



January 18, 2019

To Whom It May Concern:

This letter is written in enthusiastic support of the application of Grace Liu (Jiahe Liu) for admission to your university. I have known Grace since 2011 when she was in fifth grade. At that time, her mother, Dr. Li Zhao, was a visiting scholar under my supervision in the Department of Health Management and Policy at the University of Kentucky College of Public Health.

One day during her stay at the College of Public Health, Grace's mother mentioned to me that her daughter would be traveling to Kentucky by herself with two transfers from Chengdu, China to Lexington, Kentucky. Having made this trip numerous times myself, I am aware of its difficulty, especially for a child of Grace's age. She made the trip by herself without difficulty. After her arrival, I met her at a Bible study. When she was introduced to me, I was requested to provide her with an English name. She has been Grace ever since. She is a remarkable young woman with a warm and mature personality that allows her to meet and rapidly become well acquainted with everyone. By the time, Grace and her mother returned to Chengdu, she had already become remarkably fluent in English. I was impressed by how fast she acquired the ability to converse in English.

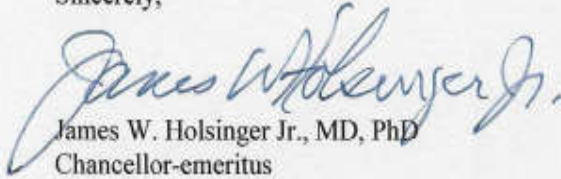
In August 2013, Grace visited Lexington again and studied in the 8th grade at Morton Middle School. By the end of the school year, she achieved a GPA of 4.0 and she ranked first in her class. She was inducted into membership in National Junior Beta Club. During the year she lived in Lexington, I had the opportunity to spend time with her on numerous occasions, including her attendance at a Sunday morning Bible study that I led. She asked great questions and engaged in the discussion with the adults who were present. She clearly demonstrated her intelligence, her willingness to work hard in a new environment, and her ability to think critically.

In July 2015, I was invited to attend an International Academic Symposium hosted by Sichuan University. I taught a course entitled *Management and Public Health Leadership*. Grace asked if she could attend the course. She not only participated in the discussions, but asked questions, allowing her to participate fully in the course. As a middle school student, she demonstrated her knowledge of the material and her ability to learn at a level significantly above her grade level. At the end of the course, Grace requested that she be allowed to take the final examination. She not only completed the exam, but she performed at a level that exceeded most of the university undergraduates participating in the course. From my perspective, it is clear that Grace has the ability and the drive to complete successfully not only an undergraduate degree program, but engage in higher-level graduate work as well.

During the past three years, I have closely followed her performance in high school. She has excelled in the most prestigious high school in Chengdu, a city of more than 8 million in a Chinese province of more than 90 million inhabitants. She has won academic and creative awards for her work. I have been informed that she has published a scientific paper and been awarded a patent for a part of her work. As may be imagined, she is an enthusiastic young scientist.

In summary, I strongly recommend her admission to your university. She will not disappoint either you or me.

Sincerely,

A handwritten signature in blue ink that reads "James W. Holsinger Jr." in a cursive style.

James W. Holsinger Jr., MD, PhD
Chancellor-emeritus
Wethington Endowed Chair-emeritus
Professor of Preventive Medicine-emeritus

1/15/2019

To Whom It May Concern:

It is a great pleasure for me to write a letter of support for Jiahe Liu's application for admission of your University. I have had the privilege of working with Jiahe Liu last summer when she participated in the summer camp: National Key Laboratory Opened to High School Students, which was hosted by my institution (National Engineering Research Center for Biomaterials, Sichuan University).

My research interests cover biomaterials and artificial organs, 3D printing, and biofabrication of hard tissue scaffolds. I direct many research projects and supervise many college students, graduate students and junior scientists. I feel I am uniquely qualified to evaluate Jiahe Liu's current and potential merits.

Jiahe Liu is a student from Chengdu Seventh High School, one of the most prestigious high schools in Sichuan Province. She was assigned to a project to design a preliminary 3D biomedical product (Artificial knee model). In the first meeting, Jiahe displayed high enthusiasm for the project and greatly contributed to the discussion. She was appointed as the team leader. During the two-week session, her leadership and coordination skills was well witnessed. She did great literature research, and along with her team, accomplished the step-by-step design and production. I was deeply impressed by her wonderful notes for her work and her final presentation was phenomenal. I would like to say that Jiahe is one of the most creative and enthusiasm students in that session.

Because of her dedication and the high-quality work, and I encouraged Jiahe to write a scientific essay and advised her to prepare it in the format of science manuscript. Following my directions, she continued to work together with her team to write the paper. After several rounds of discussion and revision, we submitted the paper to a scientific journal, *Public Communication of Science & Technology*. We were very excited that the manuscript was published with a title of "The research and development trend of 3D printing Technology in Biomedical Field" in this journal [2018,(204):204-07]. This is such a challenge for a high school student, but she successfully made it.

Lastly, from personal communication, I also heard that she have submitted two utility model patent applications and both of them have been authorized. On my evaluation, Jiahe has outstanding comprehensive quality and great scientific research potential. I believe that Jiahe is a valuable addition to your university if she is accepted.

If you have any questions, please don't hesitate to contact me.

Changchun Zhou, PhD
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Changchun Zhou Jan. 15, 2019



四川省成都市第七中学

1/16/2019

To Whom It May Concern:

It is my great pleasure to write this letter on behalf of Jiahe Liu (Grace Liu), who is seeking admission of your University.

Jiahe is currently studying in the Chengdu Seventh High School, the number 1 high school in Chengdu, which requires a student to demonstrate extraordinary academic performance for entrance. I am the counselor and math teacher for Jiahe and know her very well regarding her academic performance, achievements in extracurricular activities and personal characters.

Jiahe Liu has an excellent record for academic performance, especially in English and Mathematics, ranking in the top of the class. She has been also actively involved in a variety of creation and/service works organized by school and community. Below are a few examples. Jiahe participated in a school-wide Debating Competition in English on the topic of world food security and hunger issue, the world aging issue, the global warming issue etc., and she has been recognized as the Best Debater. Jiahe organized and conducted a community survey on water conservation. Through the analysis and research of the survey data, she realized the urgency in reducing the waste of water in daily life. She was motivated to design a "multi-tap water saving faucet", which was granted a national utility model patent. Jiahe also has talent for writing art. Her poem, *My City*, won the outstanding award in the youth group in the national essay contest entitled "I Love Chengdu, Top Ten Poems Chengdu 2017". In addition, she was also awarded the second prize of the 15th annual Chengdu Excellent Artist.

It is worthwhile to mention that Jiahe has outstanding communication skills and great leadership. She won the election for the members of Class Board in the past 3 consecutive years. She was in charge of publicity and has organized several big events for her class, such as basketball play, chorus and fun sports meeting. In addition, she also serves as vice president of the student Business Association in our high school, she has been well known by her talent for designing. Her designs for school postcards, t-shirts, basketball uniforms, and backpacks have been a great topic among her peers and teachers.

Different from many academic extraordinary students, Jiahe is also very active outside school and made her uniquely stand out of her peers. Jiahe has high enthusiasm for promoting public health and supporting poor children for schooling opportunity and improving living condition. In the past three years, she has spent most of her summer and break time in charitable activities. She organized sales for children in poor areas and collected donation for nursing home. Her contribution and survey reports for children's health and living status in remote areas have been widely aware by school and community. She has been recognized as the "Top 10 Volunteers", "Outstanding Individual in Social Practice", and "Activist in Community" in our school.

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Lastly but not least importantly, Jiahe loves sports and has been on the class volleyball team and school women's basketball team for 3 years. She is a great team player and a great asset of our school.

In summary, Jiahe is a bright student with many achievements both inside and outside classroom. She has a mature personality with great passion for humanity. I give her my highest recommendation for your University.

Please feel free to contact me if you have any questions.

Sincerely,



Xu QIU

Senior teacher

Class Counselor and Match teacher

Chengdu Seventh High School

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