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OF ENGINEERING

CASE WESTERN RESERVE
UNIVERSITY

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Xianming Shi, Ph.D., P.E., F. ASCE, Professor
Director, National Center for Transportation Infrastructure Durability & Life-Extension
Department of Civil and Environmental Engineering
Washington State University

Subject: Letter of Recommendation for Zhuoying (Zoey) Jiang, 2020 Outstanding Graduate Student Award

Dear Xianming,

As Zoey's academic advisor, I am writing this letter to express my strongest support on Zhuoying (Zoey) Jiang's application for the Outstanding Graduate Student Award by the TriDurLE National University Transportation Center.

Zoey joined my group as a Ph.D. student in Aug 2016. Zoey received an undergraduate degree in Physics and pursued a MS degree in the Department of Material Science and Engineering. She impressed me with her strong interdisciplinary training and her mindset to be open to interdisciplinary research.

Zoey research focuses on the design of photocatalysts and their integration into construction materials to improve the quality of the built environment. A domain with significant implications on the health of the general public. Her work embraces experiments, computational model and machine learning. It is a very interdisciplinary exploration and she has achieved excellent progresses.

Zoey has so far published 4 journal papers, 7 conference papers, and with 7 additional journal papers on different extent of review, submission, or preparation. Most of her publications are on

high quality journals. Zoey has also received a number of awards in recognition of her academic excellence, including the Craig J. Miller Memorial Award for an outstanding student, CWRU, Professional Training Course Scholarship by the National Center for Asphalt Technology.

Zoey is a very academically driven and highly motivated student. She is very dedicated and works diligent to pursue advancement in science. She is also a considerate and caring person, always ready to help other students when approached.

Zoey's academic qualifications also include having worked as graduate teaching fellow at Case Western Reserve University. Under such capacity, Zoey has demonstrated excellent skills set to train and mentor undergraduate and graduate students.

I believe that Zoey's success and academic potential make her well deserving the honor of an Outstanding Graduate Student by the TriDurLE National Center. I have no doubt she will make important contribution to the transportation profession and will be very successful in accomplishing her academic goals by delivering impactful research and academic programs.

Please feel free to contact me if there are any questions.

Best regards,



Xiong (Bill) Yu, Ph.D., P.E., Fellow ASCE
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