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Wilson '12 Awarded NASA Research Fellowship

June 2, 2015

BLOOMINGTON, Ill.— Physics alumnus Taiyo Wilson '12 has been awarded a NASA Space Technology Research Fellowship (NSTRF).

Wilson is a Ph.D. candidate in Assistant Professor Kelly Stephani's research group at the University of Illinois at Urbana-Champaign (UIUC). The NSTRF program sponsors graduate students who show significant potential to contribute to NASA's goal of creating innovative new space technologies. Wilson's research involves developing computational methods for modeling non-equilibrium flows and gas-surface and plasma-surface interactions, according to UIUC. This work is of interest to NASA because predictive modeling of chemically reacting flows is essential for the design and optimization of future hypersonic vehicles.

"The most exciting aspect of this NASA fellowship is the opportunity to collaborate with top researchers in the field," Wilson said in UIUC statement. "Part of the fellowship is a 'visiting technologist experience,' which will allow me to perform research at various NASA research centers."

After graduating summa cum laude from Illinois Wesleyan, Wilson became a research assistant at Lawrence Berkeley National Laboratory. He also earned a Master of Science in Computational Science and Engineering from Harvard University.



Taiyo Wilson '12