Dear Colleagues,

I would like to advertise our graduate program with focus on quantum engineering at the Institute for Molecular Engineering (IME) at the University of Chicago. The IME offers a unique academic environment for graduate students interested in exploring opportunities in all areas of quantum engineering. I would appreciate if you could forward this information to undergraduate students considering pursuing a PhD in this field.

Created in 2011, the IME has the mission to translate advances in basic physics, chemistry, biology and computation into new tools that address important societal problems. The Institute is committed to create a research and teaching environment that enhances and transmits these capabilities. To this end, the IME has focus in the areas of ‘Quantum Information and Technology’, ‘Nano-Patterning and Nano-Lithography’, ‘Water’, ‘Immuno-Engineering and Cancer’, ‘Energy Storage and Harvesting’, and ‘Art, Sciences and Technology’.

The IME at the University of Chicago is at the forefront of modern quantum science and engineering. The Institute has close ties with other departments, including the James Franck Institute, the Department of Physics, the Department of Chemistry and the School of Medicine. In addition, the IME has strong connections to the Argonne National Lab and the Fermilab.

Our faculty in quantum engineering are engaged in a wide variety of research ranging from theoretical and experimental quantum information, to quantum sensing and growth of quantum materials. Our quantum core members include: David Awschalom, Hannes Bernien, Andrew Cleland, Aashish Clerk, Giulia Galli, Supratik Guha, Alexander High, Peter Maurer, Jiwoong Park, Shuolong Yang, and Tian Zhong.

We have expanded our graduate program to more than 130 students with an additional 75 postdoctoral researchers and staff scientists. We are growing at an exciting pace which allows graduate students to try new interdisciplinary research, especially for those focused in quantum engineering. In the last year, we hired seven new assistant and associate professors, all of whom will be looking for new students.

If there is a graduate student who would be interested, please forward this email to her/him. The application can be accessed at [http://apply-ime.uchicago.edu/apply](http://apply-ime.uchicago.edu/apply). The application deadline is January 3, 2019. To make it easier, I would also like to offer your students an application fee waiver. To claim the waiver, please enter the code **IME18AOR** on the page labeled "Application".

If you have similar opportunities, I would be happy to forward them to all of our current undergraduate classes.

Best,

Peter Maurer  
*Assistant Professor*  
*Institute of Molecular Engineering*  
*University of Chicago*