



MSE Alumni Chapter

APRIL 2019

Recent Developments

Wallace Martin has retired from the UT Dallas Cleanroom



Wallace Martin served as the Associate Director of the Cleanroom for 15 years. Managing a heavily used facility can not be easy but Wallace kept the doors open and the tools running.

Thank you for taking such good care of anything and everyone inside the cleanroom. The MSE community wishes you the very best.

Want to send Wallace a message? Click [here](#)

If you would like to stay in touch with the MSE community you can join our monthly newsletter [here](#).

Career Timeline

Dr. Adrian Avendano

Cofounder and CPO at Ares Materials

Dr. Avendano graduated from UT Dallas in 2015 to work at [Ares Materials](#), a company he cofounded.



If you met Adrian during his time at UT Dallas you know he always aimed high, often dreaming up about translating research into commercial applications. Perhaps this is why nobody was surprised when Adrian cofounded Ares Materials in 2014. Ares develops novel transparent polymer materials for the next generation of truly flexible mobile, wearable, and embedded electronics.

Adrian will be sharing his career story with current students, look out for the MRS UT Dallas Chapter announcement.

For now, here is Adrian's career timeline at a glance. You can also visit his LinkedIn profile [here](#).



2008	Mexico	BS in Mechatronics
2011	UT Dallas	MS in Materials Science and Engineering
2011	Qualcomm	Graduate Intern
2014	UT Dallas	PhD in Materials Science and Engineering
Now	Ares Materials	Cofounder and CPO

Recent Alumni



Hi, I am **Gautam Gaddemane**, and I recently graduated with a Ph.D. in Computational Materials Science under the supervision of Prof. Massimo Fischetti. Currently, I am continuing as a Postdoctoral researcher with Prof. Fischetti.

During my Ph.D. studies, I developed a Monte Carlo device simulation code to

study transport properties in two-dimensional (2D) materials. I studied 2D materials like phosphorene, silicene, germanene, MoS₂, and WS₂. I am also proficient in Density Functional Theory (DFT). I want to pursue a career in the industry or academia related to theory and simulations of materials and devices.

Have some advice? Looking for someone like Gautam? Visit his [LinkedIn profile](#) or send him an [email](#).

Interesting Read

It's OK to push back on your PhD adviser

By Katie Langin; click [here](#)

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Don't be shy, be featured. Interested?

Have some feedback?

Send me an e-mail at mirelesmarce@gmail.com

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