

Maryam Jalali-Mousavi
Department of Engineering
Texas A&M – Corpus Christi
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Education

2001 B.S. Electrical Engineering University of Minnesota
2009 M.S. Electrical Engineering University of Minnesota
2012 Ph.D. Electrical Engineering University of Minnesota

Appointments

2016-present Associate Research Scientist, Texas A&M Corpus Christi
2012-present Research Associate, Department of Mechanical Engineering
University of Minnesota
2012-2016 Post-Doctoral Research Associate, Department of Mechanical Engineering
Texas Tech University
2012-2013 Visiting Scholar Department of Chemical and Biomolecular Engineering
University of Pennsylvania

Relevant Publications

1. Murphy, D., Gemmell, B., Vaccari, L., Li, C., Bacosa, H., Evans, M., ... & Niepa, T. H. (2016). An in-depth survey of the oil spill literature since 1968: Long term trends and changes since Deepwater Horizon. *Marine Pollution Bulletin*.
2. Lim, J., Jalali, M., & Campbell, S. A. (2015). Properties of electrophoretically deposited single wall carbon nanotube films. *Thin Solid Films*, 589, 278-285.
3. Jalali, M., Marti, J. J., Kirchhoff, A. L., Lawrenz, F., & Campbell, S. A. (2012). A low-cost hands-on laboratory to introduce lithography concepts. *IEEE Transactions on Education*, 55(4), 517-524.

Other Publications

4. Solomon, S., Ginn, R., Campbell, S., Jalali, M., & Goldsmith, G. (2006, May). High temperature materials for resistive infrared scene projectors. In *Defense and Security Symposium* (pp. 62080S-62080S). International Society for Optics and Photonics.
5. Fatemi, S. H., Halt, A. R., Stary, J. M., Realmuto, G. M., & Jalali-Mousavi, M. (2001). Reduction in anti-apoptotic protein Bcl-2 in autistic cerebellum. *Neuroreport*, 12(5), 929-933.

Collaborators

B. Aksak (TTU), M. Boufadel (NJIT), E. Buskey (UTMSI), D. Erdner (UTMSI), B. Gemmell (USF), J. Katz (JHU), Z. Liu (UTMSI), J. Marti (UMN), J. Sheng (TAMUCC), E. Sparrow (UMN), K. Stebe (U.Penn), R. Strickler (U. of Wisconsin – Milwaukee)

Thesis and Post-Doc Advisors

Post-doc advisor: Prof. J. Sheng- Texas A&M Corpus Christi

PhD Thesis advisor: Prof. Stephen Campbell- University of Minnesota

MS Thesis advisor: Prof. Stephen Campbell- University of Minnesota

Graduate Students and Postdoc

M. Molaei (UPenn), G. Arggawal (Micron Technology), D. Green (Boston Scientific), M. Toloui (UMN), M. Sibakoti (University of Minnesota), R. Chow (Lake Region), Dr. A. White (TAMUCC)

Undergraduate Students

V. Vo (Parker Hannifin), A. Struss (Polaris Industries), A. Hojjati (University of Illinois at Urbana-Champaign), A. Abu-Ghazaleh (Amazon), J. Campbell

Total number of graduate students advised: 6