

Stanford

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Ph.D. Student in Electrical Engineering, admitted Autumn 2015

Bio

STANFORD ADVISORS

- Tony Heinz, Doctoral Dissertation Advisor (AC)

Publications

PUBLICATIONS

- **Infrared Interlayer Exciton Emission in MoS₂/WSe₂ Heterostructures** *PHYSICAL REVIEW LETTERS*
Karni, O., Barre, E., Lau, S., Gillen, R., Ma, E., Kim, B., Watanabe, K., Taniguchi, T., Maultzsch, J., Barmak, K., Page, R. H., Heinz, T. F.
2019; 123 (24)
- **Spatial Separation of Carrier Spin by the Valley Hall Effect in Monolayer WSe₂ Transistors.** *Nano letters*
Barre, E., Incorvia, J. A., Kim, S. H., McClellan, C. J., Pop, E., Wong, H. P., Heinz, T. F.
2019