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Postdoctoral Research Associate

Postdoc position available in the Schanze Research Lab at the University of Texas at San Antonio (<http://SchanzeLab.org>). The position involves synthetic organic chemistry directed at the preparation of monodisperse conjugated oligomers. Prior experience in synthesis, purification and characterization of conjugated molecules and/or polymers is required. Collaboration with other group members on projects of mutual interest is also required. Prior experience in photophysics is a plus.

If you are interested, please send your CV, research summary, and a list of professional references to: kirk.schanze@utsa.edu.

Example recent publications:

Photoinduced Electron Transfer in Naphthalene Diimide End-Capped Thiophene Oligomers
Austin L. Jones, Melissa K. Gish, Charles J. Zeman, John M. Papanikolas, and Kirk S. Schanze
The Journal of Physical Chemistry A 2017 121 (50), 9579-9588
<https://doi.org/10.1021/acs.jpca.7b09095>

Ultrafast Energy Transfer in Fully Conjugated Thiophene-Benzothiadiazole Capped Poly(Phenylene Ethynylene) Molecular Wires
The Journal of Physical Chemistry C 2020 124 (35), 18920-18929
<https://doi.org/10.1021/acs.jpcc.0c05808>

Fluorescent Charge-Transfer Excited States in Acceptor Derivatized Thiophene Oligomers
The Journal of Physical Chemistry A 2020 124 (35), 7001-7013
<https://doi.org/10.1021/acs.jpca.0c05561>

Excitation-Wavelength-Dependent Photoinduced Electron Transfer in a π -Conjugated Diblock Oligomer
Journal of the American Chemical Society 2020 142 (29), 12658-12668
<https://doi.org/10.1021/jacs.0c03678>

