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and conjugated polymer photophysics and excited state dynamics. His group is particularly interested in how the complex interplay of long-range Coulomb exciton couplings, charge transfer, vibronic coupling, and disorder can be unraveled through the interpretation of well-defined spectral signatures.

References: [1] A. Oleson, T. Zhu, I.S. Dunn, D. Bialas, Y. Bai, W.Q. Zhang, M.J. Dai, D.R. Reichman, R. Tempelaar, L.B. Huang, F.C. Spano, Perylene Diimide-Based Hj- and hJ-Aggregates: The Prospect of Exciton Band Shape Engineering in Organic Materials, Journal of Physical Chemistry C 123 (2019) 20567-20578. [2] N.J. Hestand, F.C. Spano, Expanded Theory of H- and J- Molecular Aggregates: The Effects of Vibronic Coupling and Intermolecular Charge Transfer, Chem. Rev. 118 (2018) 7069–7163. [3] N.J. Hestand, F.C. Spano, Molecular Aggregate Photophysics beyond the Kasha Model: Novel Design Principles for Organic Materials, Acc. Chem. Res. 50 (2017) 341-350.

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