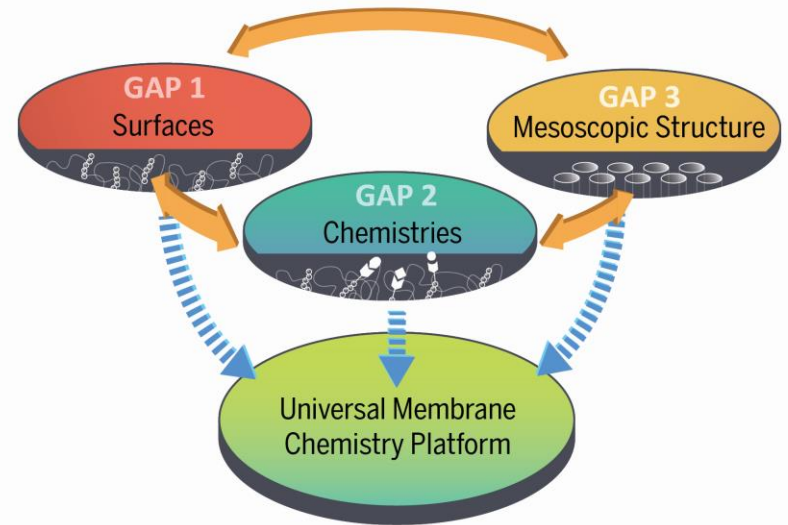


Center for Materials for Water and Energy Systems (M-WET)

Benny D. Freeman (The University of Texas at Austin); Class: 2018-2022

MISSION: To discover and understand fundamental science to design new membrane materials, develop tools and knowledge to predict new materials' interactions with targeted solutes from recalcitrant water sources, provide fit for purpose water, and recover valuable solutes with less energy.

Integrating Framework



www.mwet.utexas.edu

RESEARCH PLAN

M-WET will integrate polymer synthesis, characterization and modeling to fill basic science gaps in the understanding of fluids and materials to design novel surfaces, highly selective solute/fluid interactions, mesoscopic structures, and membranes for energy applications.



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