

GEMSEC - Genetically Engineered Materials Science & Engineering Center NSF-MRSEC at the University of Washington, Seattle, WA, USA 2005-2013 (new appl. 2013)

## Molecular Biomimetics -

Making materials one molecule at a time, via the Biology's ways, allows an intricate control of nano- and microstructures that permit tailoring functional properties towards practical applications. *Molecular recognition & self-assembly*, key fundamental phenomena recognition & self-assembly, two key fundamental phenomena provide key means to implement genetic design of materials and systems, under environmentallybenign conditions, with interdisciplinary implementations as exemplified from the cover stories in these major journals, representing diverse fields, strong indicator that engineered peptides are impacting wide range of science & technology.



For more information, visit GEMSEC at: http://www.GEMSEC.washington.edu