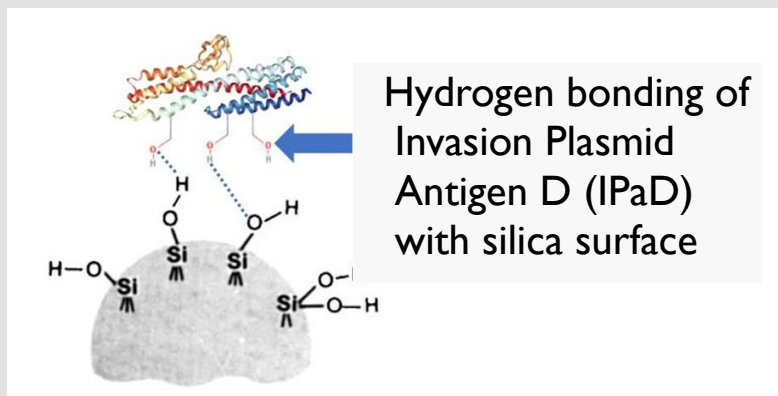


Applied Bioengineering Laboratory

Research:

- Thermal stabilization of vaccines on silica
- Removal of metals from gastrointestinal tract to treat Hemochromatosis
- Thermophysical property measurements of biomaterials
- Characterization and synthesis of materials interacting with biological interfaces



Collaborating Faculty / Funding

A. Allgeier, A. Scurto, B. Subramaniam (CPE, CEBC) - NSF / Industry

C. Berkland, B. Picking (Pharm. Chem.) - NIH / Foundation / Industry

Equipment/Materials:

- Hiden Gravimetric Microbalances
- Setaram Calorimeter
- Porous Materials Library
- GC/MS/HPLC/FTIR/TGA/DSC



Mark B. Shiflett, Ph.D., P.E.
(U Delaware 2002)
Distinguished Professor
Foundation Professor
Chemical Engineering
Mark.B.Shiflett@ku.edu



Courses:

Chemical Engineering Laboratory I
Chemical Engineering Laboratory II
Mechanical Engineering Capstone

Go to bio.engr.ku.edu to learn more.