- x Spray based deposition of macropolecular thin films and interfæcs
- x Photoemission spectroscopy on organic semiconductor/baterials interfaces
- x Work function measurements
- x Directed assembly of macromolecular materials
- x Biosensors
- x Thin film photovoltaics
- x New substrate materials for Matrix Assisted Laser Desorptionization Mass spectrometry (MALDIMS)

## **Recent Publications**

- x Mr. Stelf Beechnolohe Ric Vestegia gli Aun dratenda Re St. Ustarfg "Pletotevreminia sicom Ostphet Edectropy" iç Structure Langmuir 21 (8), pp.3553558 (2005).
- x J. Magulick, M. M. Beerbom and R. Schlaf: "Comparison of Ribonucleic Acid Homopolymer Ionization Energy and Charge Injection Barriers", Journal of Physical Chemistry B 110 pp.159735981 (2006).
- x J. Magulick, M. M. Beerbom and R. Schlaf: "Investigation of Adenine, Uracil, and Ribose Phosphate Thin Films Prepared by Electrasphr-Vacuum Deposition Using Photoemission Spectroscopy", Thin Solid Films 516 (9), pp2243906 (2008).
- x Y. Yi, J. E. Lyon, M. M. Beerbom and R. Schlaf: "Orbital alignment atrpetly [2xy-5-(2-ethylhexyloxy)]9-