

James P. Wicksted

Interim Head and Professor, Department of Physics
Oklahoma State University
Stillwater, Oklahoma 74078-3072
Phone: 405-744-5807
Fax: 405-744-6811
email: jpw519@okstate.edu

RESEARCH GRANTS AND CONTRACTS

CURRENT

9/01 - 8/04 NSF Biophotonics Partnership Initiative
"Collaborative Research: Photoactivated Coupling of Nanoparticle Multilayers and Nerve Cells", \$336,324. N. Kotov (PI), Wicksted (Co-PI), Ford (Co-PI). Partnership with M. Motamedi, Center for Biomedical Engineering, UTMB, Galveston, Texas.
0.5 man-months per year. Work will be conducted at Oklahoma State University and at the Center for Biomedical Engineering, UTMB, Galveston, Texas.

12/01 - 11/04 NASA/NCI Fundamental Technologies for Development of Biomolecular
Sensors
"Nanoparticle Delivery of Repair Enzymes for Radiation Protection/DNA Repair", J. Leary (PI), M. Motamedi (CO-PI), \$1,500,000. (Partnership with the Center for Biomedical Engineering, UTMB, Galveston, Texas. OSU share is for a Subcontract with Kotov (PI) and Wicksted (Co-PI) with a total direct cost amount of \$122,989 and the indirect cost total of \$60,141 for a total of \$183,130).
0.5 man-months per year. Work will be conducted at Oklahoma State University and at the Center for Biomedical Engineering, UTMB, Galveston, Texas.

11/02 - 10/03 National Technology Medical Testbed
"Implantable nanoparticle sensors for in vivo optical monitoring of analytes", M. Motamedi, PI, \$240,000. (Partnership with M. Motamedi, Center for Biomedical Engineering, UTMB, Galveston, Texas. OSU share is for a Subcontract with Wicksted (PI) and Kotov (Co-PI) with a total direct cost amount of \$122,083 and the indirect cost total of \$59,699 for a total of \$181,782).
0.5 months per year. Work will be conducted at Oklahoma State University and at the Center for Biomedical Engineering, UTMB, Galveston, Texas.