

Jordan University of Science and Technology (JUST) Biomedical Engineering

1. Name and Academic Rank:
Naser Hamdi, Ph.D.
Assistant Professor
2. Degrees with fields, institution and date:
Ph. D. Biomedical Engineering, University of California, Los Angeles, 2003
M. Sc. Biomedical Engineering, University of California, Los Angeles, 2001
B. Sc. Industrial Engineering, University of Jordan, 1999
3. Years of Service at JUST, Biomedical Engineering Department
3.5 years
Date of Original Appointment: September 10, 2003
4. Other related experiences-teaching, industrial, etc:
Graduate Student Researcher, Biomedical Engineering Department, UCLA, 1999-2003
Production Planning Supervisor, Dar Al-Dawa Pharmaceutical Co., Amman, Jordan, 1999
Project and Program Director, "Society for Public Awareness from Dangerous Drugs and Narcotics" NGO, Amman, Jordan, 1998-1999
5. Consulting, patents, etc.
N/A
6. State(s) in which registered:
N/A
7. Principal publication of the last five years:
Selected Journal Publications:
N. Hamdi, J. Wang, E. Walker, N. Maidment, H. Monbouquette, "An electroenzymatic L-glutamate microbiosensor selective against dopamine". *Journal of Electroanalytical Chemistry* **591** (2006) 33-40.
N. Hamdi, J. Wang, H. Monbouquette, "Polymer Films as Permselective Coatings for H₂O₂-Sensing Electrodes". *Journal of Electroanalytical Chemistry* **581** (2005) 258-264.
N. Hamdi, J. Wang, H. Monbouquette, "Amperometric L-Glutamate Biosensors: Enhancing Selectivity, Sensitivity, and Design". Proceedings of the American Institute of Chemical Engineers, 2003, San Francisco, CA.
J. Wang, N. Hamdi, H. Monbouquette, "An Amperometric Glutamate Microsensor - Design, Fabrication and Enzyme Immobilization". Proceedings of the American Institute of Chemical Engineers, 2003, San Francisco, CA.
N. Hamdi, H. Monbouquette, "SAM Based Amperometric L-Glutamate Biosensors". 2nd Annual UC-wide Bioengineering Symposium in Santa Barbara, CA; May 6-7, 2001.
8. Scientific and professional societies:
Biomedical Engineering Society, USA
Jordan Engineers Association, Jordan
9. Honors and awards:
Outstanding Graduate Student, Biomedical Engineering Department, UCLA, 2003
Jeffrey L Hansen Distinguished Service Award, UCLA, 2003
Delegate, Chancellor's Advisory Committee, UCLA 2002-2003
President, UCLA Engineering Graduate Students Association, 2001-2003
10. Institutional and professional services in the last five years:
N/A
11. Professional development activities in the last five years:
"Modern University Instructional Methods" Workshop, Jordan University of Science and Technology, 2006
"Entrepreneurship for Engineers" Workshop, UCLA, 2003