

### Osama Eljabiri's Biographical Sketch

- Osama received his M.S. in Information Systems in 2001 from NJIT and an M.S. in Banking and Financial Sciences (majoring in information systems) in 1999 from the Arab Academy for Banking and Financial Sciences in Jordan, ranking first with distinction.
- Prior to joining NJIT, Osama held various executive management positions at a multinational corporation (United Industrial Group Corporation (UIGC) – Jordan) from 1993-1997 where he led numerous business and IT-driven projects. His extensive real world experience has exposed him to real-world business problems and solution strategies that he brings into the classroom.
- During the past seven years, “Osama Eljabiri” has been a teacher and mentor for thousands of undergraduate and graduate students in all academic programs of the college of computing sciences. Osama is a full time faculty “lecturer” in the College Of Computing Sciences at New Jersey Institute of Technology. He also teaches and directs all capstone courses at the CCS College.
- Since 1999, Osama has taught, advised coordinated and overseen many undergraduate software engineering, MIS, IT, project management and research development courses. Osama has developed or redesigned all the courses that he teaches. Developing these courses included re-constructing course curriculum, introducing a broad array of new material and interactive learning tools, linking students’ education to real world experiences and incorporating interdisciplinary problem solving in the learning process.
- His research courses, in which he teaches students how to carry out empirical research in software engineering using statistical analysis through filed studies, resulted in numerous research papers and success stories of undergraduate students having their research work published and presented in international conferences and journals.
- Osama developed and directed an entire new approach for senior project capstone courses for all undergraduate programs at the College of Computing Sciences starting from Fall 2002. Furthermore, Osama expanded program participation to include students from five university colleges, capstone alumni, high school students and graduate students as advisors. Moreover, he also expanded program options to include multi-tracks such as empirical research, entrepreneurship, project management and teaching and advising. The program has become a university, industry and community hub connecting people, learning opportunities and resources.
- Two years ago, Osama created a university-wide / community wide peer-to-peer multi-track network (Capstone Open University)
- As a pre-undergraduate preparation approach and since Spring 2006, Osama partnered with Johnson and Johnson and other sponsors and developed a long-term IT enrichment program (*Connections*) in which high school students work in project teams to solve real-world problems using a collaborative curriculum and a comprehensive program co-designed by university, high schools, industry, parents and students. The program was strongly encouraged by NSF to submit a final proposal for a major grant (ITEST)
- Osama established numerous successful relationships with project sponsors from industry, government, community and academic departments. His sponsors list exceeds 250 clients; many have become strategic partners and supporters to the programs he evolved.
- Teaching Awards & Nominations:
  1. Osama received NJIT’s Excellence in Teaching Award in 2001.
  2. He also received the College of Computing Sciences’ Excellence in Teaching Award in 2003.
  3. In 2005, Osama was nominated for a national award as the “professor of the year” by the College of computing science at NJIT. In 2005 also, Osama was also nominated for the national Olympus Innovation Award in teaching by the R&D office at NJIT.
  4. In January 2007, Osama was nominated for a senior lecturer position at NJIT by the CCS College.
  5. In April 2007, Osama was nominated for NJIT-wide excellence in service award by the college of computing sciences.
  6. In the last three years, Osama was awarded several capstone course development gifts/grants from industry partners such as Johnson and Johnson, IMS health, Cyberextruder, students and alumni organizations.
- Journal and Conference publications :
  - O.Eljabiri, D.Crowell, and F.P. Deek, "*A Case Study in E-Business Process Reengineering Readiness*", Journal of Systems and Information Technology, pp. 13-30, July 2002.
  - O.Eljabiri, D.Crowell, and F.P. Deek, "*Reengineering Business in the E-Business Age: A Field Study*", Proceedings of the International Conference on Internet Computing (ICIC'02), pp. 965-972, Las Vegas,USA, 2002.
  - O. Eljabiri and F.P. Deek, "*An Effective Taxonomy for Software Process Models*", Proceedings of the IOneWorld Conference, Las Vegas, Nevada, pp. 1-18, USA, 2002.
  - C. Valdaliso, O. Eljabiri, and F.P. Deek, "*Factors Influencing Design Quality and Assurance in Software Development: An Empirical Study*", Electronic Proceedings of the First International Workshop on Model-based Requirements Engineering (MBRE 01), San Diego, California.
  - O. Eljabiri and F.P. Deek, "*Drivers For Software Process Modeling Evolution*", Proceedings of the Americas Conference on Information Systems (AMCIS), pp. 1461-1468, Boston, Massachusetts, 2001.
  - O. Eljabiri and F.P. Deek, "*Toward a Comprehensive Framework for Software Process Modeling Evolution*", Proceedings of the ACS/IEEE International Conference on Computer Systems and Applications (AICCSA), pp. 488-491 Beirut, Lebanon, 2001.
  - O. Eljabiri, "Specialized system development", appeared in the proceedings of the International Conference on Information Technology: Research and Education ITRE 2003, August 10-13, 2003, Newark, New Jersey, USA.
- Books and books chapters:
  - O. Eljabiri and F.P. Deek, Specialized System Development, in Computer Science and Engineering Handbook, Second edition, A. Tucker (Editor-in-Chief), CRC Press, ch 110, pp. 1-18, 2004.
  - F.P. Deek, J. McHugh and O. Eljabiri, Strategic Software Engineering – An Interdisciplinary Approach, Taylor & Francis Group - Auerbach Publications, (365 pages), 2005.