

Name

Belal Gharaibeh

Education – degree, discipline, institution, year

Ph.D. in Mechanical Engineering/Minor in Manufacturing Systems - University of Kentucky, Lexington, Kentucky 01/02- 02/07

B.S. in Mechanical Engineering/Minor in Manufacturing - Jordan University of Science and Technology, Irbid, 08/96-05/01

Academic experience – institution, rank, title (if appropriate), when, full time or part time

Chair of the Industrial Engineering Department -The University of Jordan, full time 03/18 – current

Associate professor (unpaid leave)- The American University of the Middle East, full time 09/16- 9/17

Assistant Dean for students' affairs - The University of Jordan/ School of Engineering, full time 09/14-09/16

Assistant Professor - The University of Jordan/ Industrial Engineering Department, full time 09/11/-09/16

Assistant Professor - Philadelphia University/Mechanical Engineering Department, full time 09/10-09/11

Research Associate - Institute of Research for Technology Development (IR4TD), University of Kentucky, full time 08/08-09/10

Non-academic experience – company or entity, title, brief description of position, when, full time or part time**Certifications or professional registrations****Current membership in professional organizations**

Professional member of the Society of Manufacturing Engineering / since 2015

Professional member of the Institute of Industrial and Systems Engineering / since 2018

Honors and awards**Service activities (within and outside of the institution)**

Department Chair since April, 2018

Permanent member of the Collage of Engineering disciplinary committee 2004-2016

Faculty advisor for the SME student Chapter S338 at the University of Jordan

Faculty advisor for the IISE student chapter at the University of Jordan

The most important publications and presentations**The most recent professional development activities**

Non-contact method for quantifying changes in the dynamics of microbial populations, US patent # 0311109, 2010.

Method for detection defect in material and system for the method. International patent

International patent CA2736734 C. 2015.

Method for detecting defect in material and system for the method, US 8506159 B2, 2008
Infrared Seed Inspection System for automotive coated surfaces, Toyota Motor
Manufacturing, US patent # 0123093, 2011

Method for reducing the curing time on of a painting composition. US patent, 0034980, 2010.

Belal Gharaibeh, Abbas Al-Refaie, Jawadat Goussous and Mohammed Shurrab. Effect of
CCMS on Customer Satisfaction and Loyalty in Jordanian Banks, INFORMATION: An
International Interdisciplinary Journal, 2012, 15 (12C), 6227-6238.

Ahmad A. Salameh, Jeffery J. Campion, Belal Y. Gharaibeh, Martin E. Evans, Kozo Saito,
Real-time quantification of Staphylococcus aureus in liquid medium using infrared
thermography, Infrared Physics and & Technology, 2012, 55, 170-172.

Ahmad A. Salameh, Jeffery J. Campion, Belal Y. Gharaibeh, Martin E. Evans, Kozo Saito
Real-time quantification of viable bacteria in liquid medium using infrared thermography,
Infrared Physics & Technology, 54(6), 517-524

Belal Gharaibeh, Mohamed Kenawey, Ahmad Salameh, Kozo Saito. Finite Element Analysis
to Improve IR Thermography Inspection for a Stay Cable Bridge. NDE/NDT for Highways
and Bridges: Structural Materials Technology (SMT) 2010, New York, NY. August 16-20,
2010

Ahmed A. Salameh, Belal Gharaibeh, Kozo Saito, Martin Evans, Jeffery Campion. Real Time
Quantification of Antibacterial Activity Using Novel Calorimetric Infrared Thermography
(CIRT) approach. 49th Interscience Conference on Antimicrobial Agents and Chemotherapy
(ICAAC). Poster presentation D737. September 12-15, 2009.

Ahmed A. Salameh, Belal Gharaibeh, Marc Harik, Kozo Saito, Parametric study and scaling
laws for defect characterization using reflection mode infrared thermography, Sixth
International Symposium on Scale Modeling (ISSM-6), Kauai, Hawaii, September 13-16,
2009.