

C.V

Mutasem Mohammad Akour

Personal Information:

Date of Birth: 1969
Nationality: Jordanian
Marital Status: Married

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Education:

Ph.D. in Measurement and Statistics. The University of Iowa, USA, 2006.
M.A. in Measurement and Evaluation. Yarmouk University, Jordan, 1998.
B.SC. in Physics. Yarmouk University, Jordan, 1990.

Affiliation within the College of Educational Science:

Associate Professor of Educational Measurement & Statistics.

Teaching and Research Experience:

- 2007 – Present: Faculty member at the Hashemite University.
- 2004 – 2007: Research Assistant at the Center for Advanced Studies in Measurement and Assessment (CASMA), Iowa City, USA.
- 1992 – 2003: Teacher of Physics, Ministry of Education - Jordan.

Professional Membership:

- National Council on Measurement in Education (NCME)

Research Interests:

- Rasch Analysis
- Scale Development
- Validation Studies

Skills and Qualifications:

- Programming ability in C and C++.
- Ability to use statistical packages such as SPSS.
- Ability to use statistical softwares such as: BILOG-MG, LISREL,.etc.
- Fluency in English.

Professional Experience:

- A member in a team, in 2016, that was responsible for preparing a national qualification framework for higher education in Jordan “Towards a National Qualifications Framework for Jordan, NQF-J.”
- A member in a team that was responsible for preparing Competitive exams with the Civil Service Bureau in Jordan in 2015.
- Several workshops in measurement and assessment of student learning outcomes for faculty members at the Hashemite University in Jordan.
- A 3-day workshop in educational assessment for educational supervisors in Qatar with the Arabic Educational Training Center for Gulf States in 2014.
- A workshop in quantitative research with Jordan Education Initiative in 2010.
- A workshop in statistical analysis for quantitative research with Jordan Education Initiative in 2010.

Published Articles:

- Akour, M., M., & Hammad, B. (2020). Psychometric Properties of an Instrument Developed to Assess Students' Evaluation of Teaching in Higher Education. *Journal of Educational and Psychological Studies*, 14(4), 656-667, doi: : <http://dx.doi.org/10.24200/jeps.vo14iss4pp656-667>.
- Hammouri, H., Akour, M. M., & Sabah, S. (2020). Evaluation of students' Noncognitive Large Scale Assessments measures: Problem Solving Experiences scale as a case study. *Opcion*, 36(26), 3115-3141.
- Ghaith, S. d. M., Al-Baddareen, G. S., Al Ali, T. M., & Akour, M. M. (2020). Perceived social support among widowed women in Jordan: An exploratory study. *Women's Studies International Forum*, 80, 102364. doi:<https://doi.org/10.1016/j.wsif.2020.102364>
- Al-Dababneh, Kholoud. A., Al-Zboon, Eman. K., & Akour, Mutasem. M. (2016). Competencies that Teachers Need for Teaching Children Who Are Deaf and Hard-of-Hearing (DHH) in Jordan. *Deafness & Education International*, 18(4), 172-188. doi: 10.1080/14643154.2016.1249173
- Akour, Mutasem, Sabah, S., & Hammouri, H. (2015). Net and Global Differential Item Functioning in PISA Polytomously Scored Science Items: Application of the Differential Step Functioning Framework. *Journal of Psychoeducational Assessment*, 33(2), 166-176. doi: 10.1177/0734282914541337
- Akour, M., Mutasem, AL-Baddareen, G., Al-Omari, H., & AL Duwairi, A. (2015). Exploring the Jordanian Gender Gap in a Large-Scale Assessment in Mathematics. *Jordan Journal of Educational Sciences*, 11(1), 101-111.
- Al-Baddareen, G., Ghaith, S., & Akour, M. (2015). Self-Efficacy, Achievement Goals, and Metacognition as Predicators of Academic Motivation. *Procedia - Social and Behavioral Sciences*, 191(0), 2068-2073. doi: <http://dx.doi.org/10.1016/j.sbspro.2015.04.345>
- Al-Omari, Hassan, & Akour, Mutasem (2014). The effect of class size on reliability estimates of college-students course grades. *Journal of Educational & Psychological Sciences*, 15(3), 541-558.
- Akour, Mutasem, & Al-Omari, Hassan (2013). Empirical Investigation of the Stability of IRT-Item Parameters Estimation. *International Online Journal of Educational Sciences*, 5(2), 291-301.
- Sabah, Saed, Hammouri, Hind, & Akour, Mutasem (2013). Validation of a Scale of Attitudes toward Science across Countries Using Rasch Model: Findings from TIMSS. *Journal of Baltic Science Education*, 12(5), 692-702.

AL-Baddareen, Ghaleb, Ghraith, Souad, Akour, Mutasem, & Banat, Suhaila (2012).
Type A behavior, Emotional Intelligence and Social Self-Efficacy as Predictors of Work
Motivation among Faculty Members at the Hashemite University. *Journal of Educational
and Psychological Studies*, 6(3), 57-68.