

دائرة الموارد البشرية  
Human Resources Department

Date: Sep. 2022

Faisal Ahmad Hasan Abdelfattah



**PERSONAL INFORMATION**

Title: Faculty Member

Academic Rank: Associate Professor

Date & Place of Birth: Jordan 1969

Nationality: Jordan

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**ACADEMIC QUALIFICATIONS**

Degree	Major	Duration (From-To)	University	Country
PhD.	Educational Research and Evaluation	2004 -2007	Ohio University	USA
M.A.	Measurement and Statistics	1991-1994	University of Jordan	Jordan
BA	Psychology	1988-1991	University of Jordan	Jordan

دائرة الموارد البشرية  
Human Resources Department

**TEACHING EXPERIENCE**

Duration	Rank	Institution	Department/Faculty	Country
2022-2015	Associate Professor	IAU, KSA	Psychology, COE	KSA
2015-2014	Associate Professor	Qatar U.	Psychological Sciences, COE	Qatar
2014-2013	Associate Professor	KSU, SA	Psychology, COE	KSA
2013-2009	Assistant Professor	KSU, SA	Psychology, COE	KSA

**OTHER EXPERIENCE**

Duration	Rank	Institution	Department/Faculty	Country
2009-2008	Consultant	MOE	Measurement & Eval. Center	Bahrain

**PUBLICATIONS**

**JOURNALS**

- 1) Rababah, A., Khlaifat, D., **Abdelfattah, F.**, Busaad, Y., Alqaryouti, I., & Al-Awamleh, A. (2022). The Impact of Covid-19 On Parents of Children with Disability: Educational Needs and Challenges. *International Journal of Instruction*, 15(4), 701-722.
- 2) Hemdan, A., **Abdelfattah, F.**, & Opoku, M. (2022). Multi-informant assessment of high-achieving students' behavioral and emotional strengths. *Journal of Child and Family Studie*, 31, 2303–2317. <https://doi.org/10.1007/s10826-022-02239-8>
- 3) **Abdelfattah, F.**, Obeidat, O., Salahat, Y., BinBakr, M. & Al Sultan, A. (2021). The predictive validity of entrance scores and short-term performance for long-term success in engineering education. *Journal of Applied Research in Higher Education*, Vol. ahead-of-print No. ahead-of-print. <https://doi.org/10.1108/JARHE-04-2021-0126>
- 4) Jansen, P., Siebertz, M., Hofmann, P., Zayed, K., Zayed, D., **Abdelfattah, F.**, Fernández-Méndez, L. & Meneghetti, C. (2021). Does self-compassion relate to the fear of the future during the 2020 coronavirus pandemic? A cross-cultural study. *Cogent Psychology*, 8(1), 1-16. DOI: 10.1080/23311908.2021.19764380

دائرة الموارد البشرية  
Human Resources Department

- 5) Alaedein, J., **Abdelfattah, F.**, Abu-Hilal, M., Dodeen, H., Al Bahrani, M. & Atoum, A. (2021 accepted). Psychological Anxiety, Conspiracy beliefs, and the Media's Influence on Fears During the Corona Pandemic. *Social Sciences Journal- Kuwait University*, XX(x), XX-XX.
- 6) **Abdelfattah, F.**, Abu-Hilal, M., Dodeen, H., Alaedein, J., Al Bahrani, M. & Atoum, A. (2021). The psychological effects of the Corona pandemic (COVID-19) on the Arab citizen and his responses to it: A cross-sectional study in several Arab countries. *Dirasat: Human and Social Sciences*, 48(1), 44-69.
- 7) **Abdelfattah, F.**; Rababah, A.; Alqaryouti, I.; Alsartawi, Z.; Khlaifat, D.; Awamleh, A. (2021). Exploring Feelings of Worry and Sources of Stress during COVID-19 Pandemic among Parents of Children with Disability: A Sample from Arab Countries. *Education Sciences*, 11, 216. <https://doi.org/10.3390/educsci11050216>
- 8) **Abdelfattah, F.** (2020). Suitability of Adapted Student Ratings of Instruction: Indicators of University Teaching Effectiveness. *The International Journal of Assessment and Evaluation*, 28(1), 1-16. <https://doi.org/10.18848/2327-7920/CGP/v28i01/1-16>
- 9) **Abdelfattah, F.** & Lam, J. (2018). Linking homework to achievement in mathematics: An examination of 8th grade Arab participation in TIMSS 2015. *International Journal of Instruction*, 11(4), 607-624. DOI: 10.12973/iji.2018.11438a
- 10) **Abdelfattah, F.** (2017). Suitability of Motivation Expectancy–Value Model to Interpret Relations of Attitude, Self-Efficacy, and Effort with Achievement in Statistics and Expectation. *Educational Sciences, Yarmouk University*, 13(4), 405-418. (in Arabic)
- 11) Wiseman, A. W., **Abdelfattah, F. A.** & Almassaad, A. (2016). The Intersection of Citizenship Status, STEM Education, and Expected Labor Market Participation in Gulf Cooperation Council Countries. *Digest of Middle East Studies*, 25, 362–392. doi:10.1111/dome.12087
- 12) Al Shannag, Q., Schreier, H., **Abdelfattah, F.**, & Alshaya, F. (2016). Lost in Memorization: The Case of Science Instruction in KSA Schools and the Argument for a Promotion of Science Literacy Based on Formative Assessment Practices. *Journal of Emerging Trends in Educational Research and Policy Studies (JETERAPS)*, 7(4), 292-301. (ISSN:2141-6990)
- 13) Areepattamannil, S., **Abdelfattah, F.**, Mahasneh, R. A., Khine, M. S., Welch, A. G., Melkonian, M., et al. (2016). Prediction of mathematics work ethic and performance from behavioral, normative, and control beliefs among Qatari adolescents. *Journal of Adolescence*, 46, 38-44. doi: 10.1016/j.adolescence.2015.10.016
- 14) Haroun, R., Ng, D., **Abdelfattah, F.**, AlSalouli, M. (2016). Gender Difference in Teachers' Mathematical Knowledge for Teaching in the Context of Single-Sex Classrooms. *International Journal of Science and Mathematics Education*, 12(2), 383-396. doi: <https://doi.org/10.1007/s10763-015-9631-8>
- 15) Tigezza, M., **Abdelfattah, F.**, AlSadaawi, A. & Alturki, A. (2015). Assessment Practices of Science Teachers in Middle School Based on Classification of Performance on International Examinations. *Journal of Educational and Psychological Studies-SQU*, 9(1), 160-178. (in Arabic)
- 16) Marsh, H., Lüdtke, O., Nagengast, B., Trautwein, U., Abduljabbar, A., **Abdelfattah, F.**, & Jansen, M. (2015). Dimensional Comparison Theory: Paradoxical relations between self-beliefs and achievements in multiple domains. *Learning and Instruction*, 35, 16-32. <http://dx.doi.org/10.1016/j.learninstruc.2014.08.005>.
- 17) Marsh, H., Abduljabbar, A., Parker, P., Morin, A., **Abdelfattah, F.**, Nagengast, B., Möller, J., & Abu-Hilal, M. (2015). The Internal/External Frame of Reference Model of Self-Concept and Achievement Relations: Age-Cohort and Cross-Cultural Differences. *American Educational Research Journal*, 52(1), 168-202. doi:10.3102/0002831214549453
- 18) Marsh, H., Abduljabbar, A., Morin, A., Parker, P., **Abdelfattah, F.**, Nagengast, B., & Abu-Hilal, M. (2015). The Big-Fish-Little-Pond Effect: Generalizability of Social Comparison Processes Over Two Age Cohorts from Western, Asian, and Middle Eastern Islamic Countries. *Journal of Educational Psychology*, 107(1), 258-271. <http://dx.doi.org/10.1037/a0037485>

دائرة الموارد البشرية  
Human Resources Department

- 19) Albursan, I, Alrwais, A., & **Abdelfattah, F.** (2015). Formative and Summative Evaluation Practices for the Intermediate Mathematics Teachers in the Kingdom of Saudi Arabia. *Journal of Educational and Psychological Sciences*, 16(2), 93-122. (in Arabic)
- 20) Abu-Hilal, M., **Abdelfattah, F.**, Shumrani, S., Dodeen, H, Abduljabber, A., & Marsh, H. (2014). Mathematics and science achievements predicted by self-concept and subject value among 8th grade Saudi students: Invariance across gender. *International Perspectives in Psychology: Research, Practice, Consultation*, 3(4), 268-283. <http://dx.doi.org/10.1037/ipp0000022>
- 21) Dodeen, H., **Abdelfattah, F.** & Alshumrani, S. (2014). Test-taking skills of secondary students: the relationship with motivation, attitudes, anxiety and attitudes towards tests. *South African Journal of Education*, 34 (2), 1-18. ISSN-0256-0100
- 22) Abu-hashem, S., **Abdelfattah, F.**, & Ahmad, N. (2014). Assessment Knowledge and Skills of Mathematics and Science Middle-school Saudi teachers. *International Journal for research in Education*, 35, 1-30. (in Arabic)
- (23) **Abdelfattah, F.** & Mohammad T. (2013). Factorial Structure of Professional Dispositions scale for candidates in teacher preparation programs in the context of academic accreditation standards. *Journal of Education and Psychology (KSU)*, 41, 67-91. (in Arabic)
- (24) Al Shannag, Q., Tairab, H., Dodeen, H., & **Abdelfattah, F.** (2013). Linking teachers' quality and student achievement in the Kingdom of Saudi Arabia and Singapore: The impact of teachers' background variables on student achievement. *Journal of Baltic Science Education*, 12(5), 652-665. ISSN 1648-3898
- (25) Abu-Hilal, M., **Abdelfattah, F.**, Alshumrani, S., Abduljabbar, A., & Marsh, H. (2013). Construct validity of self-concept in TIMSS's student background questionnaire: a test of separation and conflation of cognitive and affective dimensions of self-concept among Saudi eighth graders. *European Journal of Psychology of Education*, 28(4), 1201-1220. DOI: 10.1007/s10212-012-0162-1
- (26) Marsh, H., Abduljabbar, S., Abu-Hilal, M., Morin, A. J., **Abdelfattah, F.**, Leung, K. C., Xu, M. K., Nagengast, B. & Parker, P. (2013). Factorial, convergent and discriminant validity of TIMSS math and science motivation measures: a comparison of Arab and Anglo-Saxon countries. *Journal of Educational Psychology*, 105(1), 108-128. doi:10.1037/a0029907
- (27) Dodeen, H., **Abdelfattah, F.**, Shumrani, S. & Abu Hilal, M. (2012). The Effects of Teachers' Qualifications, Practices, and Perceptions on Student Achievement in TIMSS Mathematics: A Comparison of Two Countries. *International Journal of Testing*, 12(1), 61-77. <https://doi.org/10.1080/15305058.2011.621568>.
- (28) Abu-Hilal, M., Al-Baili, M., Saratawi, A., **Abdelfattah, F.** & Qaryouti, I. (2011). Psychometric Properties of the Wechsler Abbreviated Scale of Intelligence (WASI) with an Arab Sample of School Students. *Individual Differences Research*, 9(4), 219-230. DOI: 10.1177/0734282912467756
- (29) **Abdelfattah, F.** (2011). Statistical Power and Effect Size in Educational and Psychological Research. *Educational Sciences and Islamic studies, KSU Journal* 23(2), 195-214 (in Arabic).
- (30) Ayeshe, A., Qamhieh, N., Tit, N., & **Abdelfattah, F.** (2010). The effect of student use of the free-body diagram representation on their performance. *Educational Research*, 1(10) 505-511. (ISSN: 2141-5161)
- (31) **Abdelfattah, F.** (2010). The Relationship between Motivation and Achievement in Low-stakes Examinations. *Social Behavior and Personality*, 38(2), 159-167. DOI:10.2224/sbp.2010.38.2.159
- (32) **Abdelfattah, F.** (2009). Response Latency Effects on Classical Test Theory Indices and Pass/Fail Decisions. *International Journal of Applied Educational Studies*, 6 (1), 30-45.

دائرة الموارد البشرية  
Human Resources Department

CONFERENCES

- (1) Dodeen, H., **Abdelfattah, F.** & Darabie, M. (May 2014). An Investigation of the Relationship between Test-taking Skills and Motivation, Attitudes, Anxiety, and Attitudes towards Tests of Secondary Students. *Chicago International Conference on Education*, Chicago, USA.
- (2) **Abdelfattah, F.** & Abduljabbar, A. (December 2013). Suitability of Students' Evaluation of Educational Quality at King Saud University. Paper presented at the *International Conference on Assessment for Higher Education Across Domains and Skills (AHEADS2013)*, Kuala Lumpur, Malaysia.
- (3) Al Shannag, Q., Tairab, H. & **Abdelfattah, F.** (September 2013). Linking science teachers' quality and student achievement in TIMSS science: A comparison between Kingdom of Saudi Arabia and the Republic of Singapore. *Paper presented at ESERA2013 is the 10th biannual Conference of the European Science Education Research Association (ESERA)*, Nicosia, Cyprus.
- (4) Abu-Hilal, M., **Abdelfattah, F.**, Abduljabbar, A., and Marsh, H. (June 2013). Attitudes toward school, homework, subject matter value, self-concept and positive affect: A structural equation model. *Proceedings of The 5th IEA International Research Conference*, Singapore.
- (5) **Abdelfattah, F.** (April 2013). Student evaluations of educational effectiveness in the university. *Proceedings of the third International Arab Conference on Quality Assurance in Higher Education*, Jordan.
- (6) **Abdelfattah, F. & Ajaji, A.** (March 2013). Validity of Professional Dispositions Assessment. Paper presented at the American Association of Education Colleges (AACTE). Orlando, Florida, USA.
- (7) **Abdelfattah, F.** (April 2012). Professional Dispositions Assessment for Candidates in Teacher Preparation Programs: King Saud University Experience. *Proceedings of the second International Arab Conference on Quality Assurance in Higher Education*, Bahrain.
- (8) **Abdelfattah, F.** (2011). Evaluating the Quality of Literature Review in Dissertations. Paper presented at First Scientific Meeting for Graduate Studies held at Naif Arab University for Security Sciences, Riyadh, Saudi Arabia. (in Arabic)
- (9) **Abdelfattah, F.**, Najjar, A., Muaqel, I. (2011). Developing Assessment Unit of College of Education at King Saud University. *Proceedings of the First International Arab Conference on Quality Assurance in Higher Education*, Amman, Jordan. P.684-692. (in Arabic).
- (10) Abu Hilal, M., **Abdelfattah, F.**, Shumrani, S., Dodin, H., Abdeljaber, A., Marsh, H. (June 2011). The relationships among self-concept, attitudes, level of aspiration and achievement in mathematics and science. Paper presented at 6th SELF Biennial International Conference. Canada, June 19-22, 2011.
- (11) Shumrani, S., Hilal, M., & **Abdelfattah, F.** (June 2011). Invariance of structure of self-concept and attitudes of TIMSS's SBQ across gender. Poster presented at 6th SELF Biennial International Conference. Canada, June 19-22, 2011.
- (12) AlBaili, M., Abu-Hilal, M., Sartawi, A., Qaryouti, I., & **Abdelfattah, F.** (Jan 2006). Adaptation and Standardization of Wechsler Abbreviated Intelligence Scale in United Arab Emirates. Paper presented at 2006 Hawaii International Conference on Statistics, Mathematics and Related Fields, Honolulu, Hawaii: USA. January 16 – 18, 2006.

دائرة الموارد البشرية  
Human Resources Department

- (13) Baili, M., Abu-Hilal, M., Sartawi, A., Qaryouti, I., & Abdelfattah, F. (May 2004). Adaptation and Standardization of Abbreviated Wechsler Intelligence Scale. Paper presented at the 5th annual conference at UAE University, Al-Ain. May, 2004.

## BOOKS

- (1) **Abdelfattah, F.** (2020). *Educational Statistics: Concepts & Applications*. Refereed, approved & published by IAU Scientific Council, IAU, KSA.
- (2) **Abdelfattah, F.** (2013). *Writing and Citation Rules for Psychological and Educational research*. Refereed, approved, and published by KSU Scientific Council, KSU, KSA.

## MEMBERSHIPS OF SCIENTIFIC AND PROFESSIONAL SOCIETIES

- Mid-Western Educational Research Association (MWERA)
- Saudi Association for Educational & Psychological Sciences (Gesten)
- American Association of Colleges for Teacher Education (**AACTE**)

## UNIVERSITY COMMITTEES

- 1) Committee for establishing Bachelor in Clinical Psychology, IAU, 2021-2022.
- 2) Academic Research Unit, University Academic Affairs sector, 2020- now
- 3) Central committee for examination and assessment, University Academic Affairs sector, IAU, 2016-now.
- 4) Monitoring academic performance committee, University Academic Affairs sector, IAU, 2016-2017.
- 5) Graduate studies committee to develop thesis guide, college of Education, IAU, 2016-2017.
- 6) Admission criteria and rating instruments for graduate students' committee, College of Education, IAU, 2017-2018.
- 7) Strategic plan committee, College of Education, IAU, 2017.
- 8) Chair of College Curriculum Committee, College of Education at Qatar University, 2014- 2015.
- 9) Chair of College Accreditation Steering Committee, College of Education at QU, 2014- 2015.
- 10) Coordinators and dept. Chairs Committee, College of Education at Qatar University, 2014- 2015.
- 11) College Committee for International Accreditation, KSU, 2010 –2014. (Member)
- 12) College Committee for the NCAAA "national accreditation", KSU, 2010 –2014. (Member)

دائرة الموارد البشرية  
Human Resources Department

- 13) College Committee for Graduate Studies, KSU, 2010-2014. (Member)
- 14) College Committee for Practicum and Early Experiences, KSU, 2013-2014. (Member)
- 15) College Committee for NCATE Institutional Report (IR), KSU, 2010-2012. (Member)
- 16) Psychology Dept. Graduate Studies Committee, KSU, 2012-2014 (Member)
- 17) Psychology Dept. Labs Committee, KSU, 2009-2010.

### WORKSHOPS ATTENDED

- Attending several training courses and sessions conducted regularly by universities, IAU, QU, KSU and local parties. Also, registering in various webinars that connected to assessment activities and accreditation. 2009- now.
- Preparing Educators for Future, AACTE, 2013.
- Secondary Data Analysis, IEA, Singapore, 2013.
- Training session of "How to publish in international Journals", The Excellence Research Center of Science and Mathematics Education. Riyadh, 2012.
- Training course of "External Assessors". King Abdul-Aziz association and his colleagues for Talents. Riyadh, 2011.
- Training programs and online WebEx "How effectively can we use "TaskStream", KSU. 2011.
- Webinar titled: A Smooth(er) Continuous Improvement Visit: Using Technology and Common Sense to Our Advantage. TK20 Inc. - August 16, 2010.
- Webinar titled: Creating, editing, distributing, and graphing results of online surveys. Qualtrics University - August 6, 2010.
- Training course: METER: An Advisory Tool for e-Government Decision-Makers, UNDESA, United Nation Public Administration Network. Manama, Bahrain, May 2009.

### WORKSHOPS OFFERED

- Increasing citations for published research, COE, IAU, 2022.
- Trends in higher education assessment during COVID-19, 2021, University of Kuwait, Kuwait.
- Data collection via electronic media, College of Education, IAU, 2016.
- Promoting educational reputation, College of Education, IAU, 2016.
- Using statistical procedures in research, College of Education, QU, 2015.

## دائرة الموارد البشرية Human Resources Department

- Using TaskStream in performance assessments, COE at KSU. 2011-2014.
- Observation and Interviewing: The Excellence Research Center of Science and Mathematics Education, KSU, April 2011.
- Data Collection Tools: construction and analysis. MOE, Bahrain, 2009.
- Utilizing Formative Assessment in Teaching. MOE, Bahrain, 2008.
- Conducting Online-survey. Ohio University, USA, May 2006.
- Implementing Wechsler Abbreviated Scale for Intelligence. MOE, UAE, 2004.
- Using SPSS in data analysis. UAEU staff & MOE, UAE, 2004.

### RESEARCH INTERESTS

My research interests focus on measurement and evaluation topics. Specifically, investigations of the emerging educational issues relating to improving academic achievement, implementation of advanced quantitative data analysis methodology, and the development of student-centered teaching methods.

### LANGUAGES

Arabic & English

### OTHER COMMUNITY ACTIVITIES

- External reviewer for undergraduate program at Imam Mohammad Bin Saud University.
- External reviewer for a master program at the University of Bahrain.
- School Reviewer at King Abdul-Aziz and colleagues' program for creativity and talents.
- Mentor for creating teacher portfolio, exceptional teaching competition, Ministry of Education, KSA.
- Evaluating kids as thinkers' curriculum, East Directorate, Ministry of Education, KSA.
- Assessing public opinions in childhood issues, Childhood National committee, KSA.
- Evaluating action research and publications, higher council for education Qatar.

### AWARDS RECEIVED

- Award for Distinguished Educational Research, Hamdan bin Rashid Al Maktoum Foundation for Distinguished Academic Performance, Dubai.



دائرة الموارد البشرية  
Human Resources Department

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**GRADUATE STUDENTS SUPERVISION**

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Student Name	Thesis Title
Mohammad Mallahi	Mental image of school counselor's role and relationship to benefit from counseling services among high school students.

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**REFERENCES**

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- 1- Hamzeh Dodeen, Professor  
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Alain, United Arab Emirates  
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- 2- George Johanson, Professor  
Educational Research and Evaluation,  
College of Education, McCracken Hall 314a  
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- 3- Gordon Brooks, Professor  
Educational Research and Evaluation,  
Educational Studies, McCracken Hall 302Q  
Athens, OH 45701  
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