

Curriculum Vitae

Personal Information

First name(s)/Surname(s)

Professional email

Work phone

Yasin Afana

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+972 566 797522

Position/Organization

Work Experience

Dates	12/2004–Present
Occupation or position held	International Project Manager
Main activities and responsibilities	LSCE Project Manager (2019–2025) Project management and methodology expert for UNICEF Life Skills and Citizenship Education project
Main activities and responsibilities	Data and Analysis specialist (2018–Present) Research on International Large-Scale Assessment (ILSA) Quantitative data analysis and training on using ILSA data Development and improvement of IEA IDB Analyzer for conducting advanced statistical methods Item statistics and characteristics evaluation
Main activities and responsibilities	TIMSS and PIRLS project management (2004–2013) Project planning, management, and controlling of PIRLS and TIMSS Administration and supervision of project-related tasks Quality control of processed data sets Design of online data collection
Name of employer	Stichting IEA Secretariaat Nederland, IEA Hamburg
Type of business or sector	Non-profit research organization
Dates	12/1998–11/2004
Occupation or position held	Statistics and Data Analysis Unit Head
Main activities and responsibilities	Planned, managed, and controlled National Assessment Administered and supervised study related tasks Quality control of processed data sets for National Assessment Sampling design and weighting for National Assessment Statistical analyses for National Assessment (Item and test analyses) Statistical reporting for National Assessment Reports
Name of employer	Palestinian-Finnish Education Programme (PALFEP), Ministry of Education in Palestine
Type of business or sector	Educational Research
Dates	12/1997–12/1998
Occupation or position held	Researcher
Main activities and responsibilities	Sampling methodology and design for several surveys Weighting and adjustments for surveys Variance estimation for surveys Quality improvements in sampling methods and survey methodology Indicators and estimates standardization
Name of employer	Palestinian Central Bureau of Statistics (PCBS), Sampling and Methodology Department
Type of business or sector	Statistics

Other Professional Activities

Current

Leading the LSCE IEA/UNICEF project
Contributing in ICCS 2022 International Database preparation and publication
Development of IEA IDB Analyzer
Development of IEA Study Data Repository

Past

Delivered training in more than twenty regional and international meetings:
I. Training on data management, survey operations, and online data collection techniques and sampling during five 'Data Management Seminars' for TIMSS and PIRLS studies. Over one hundred countries were participating in both studies during the last two cycles of PIRLS 2006, TIMSS 2007, and both TIMSS & PIRLS in 2011. Besides a special training was delivered to Dubai in order to catch up with TIMSS 2007 when late participated.
II. Training on statistics and data analyses using Large Scale Assessment database. I delivered training and workshops in more than ten regional and international training seminars, varies from simple one level to complex and multilevel analyses, regression analyses and MLM models.
III. Contribution and presenting IEA in nine National Research Coordination Meetings for TIMSS and PIRLS since the year 2005. During these meetings, presenters of IEA provided country sessions and consultation on data processing and quality assurance techniques.
Cooperation with National Board of Education, Helsinki-Finland
ITEM and TEST analysis (Classical Analysis and Introduction to Item Response Theory) in Finnish national assessment analyses

Education and Training

Dates

2016–2020

Title of qualification awarded

Professional Doctorate (Educational Research)

Principle subjects/occupational skills covered

Measurement theory, Research design and methodology, Quantitative and Qualitative research methods, Mixed-Methods design, Educational research
University of Leicester (UK)

Name and type of organization providing education and training

Dates

1992–1996

Title of qualification awarded

Bachelor of Science (BSc) in Biology - Biostatistics

Principle subjects/occupational skills covered

Biology, Research in medical sciences, Statistics, Parametric and non-parametric models, Logistic models

Name and type of organization providing education and training

BirZeit University (Palestine)

Personal Skills and Competencies

Mother tongue(s)

Arabic

Other language(s)

English (Proficient user in understanding, speaking, and writing): all academic education was in English

German (Independent user in understanding, speaking, and writing)

Computer skills and competencies

MS Office (Word, Excel, Access, PowerPoint, MS Project)
SPSS, SAS, HLM, MLwiN, WesVar, ConQUEST, MicroCAT (Program for IRT Analysis and Item Banking), and IEA IDB Analyzer (dealing with ILSA complex design data)

Publications

Afana, Y., Brese, F., Kowolik, H., Cortés, D. & Schulz, W. (Eds.). (2024). ICCS 2022 User Guide for the International Database. Amsterdam, the Netherlands. <https://www.iea.nl/publications/user-guides/iccs-2022-user-guide-international-database>

Afana, Y. (2024). Data Management, Cleaning, and Creation of the ICCS International Database (Ch. 9). In W. Schulz, T. Friedman, J. Fraillon, ICCS 2022 Technical Report. Amsterdam, The Netherlands. <https://www.iea.nl/publications/iccs-2022-technical-report>

Afana, Yasin (2021): Moving beyond TIMSS. An explanatory sequential mixed methods case study of mathematics education in the Palestinian context. University of Leicester. Thesis. DOI: <https://doi.org/10.25392/leicester.data.14230289.v1>

Afana, Y. (2016). Using TIMSS and PIRLS data for secondary analyses: A workshop in Morocco [Blog post]. Retrieved from <https://blogiea.wordpress.com/2016/11/18/using-timss-and-pirls-data-for-secondary-analyses-a-workshop-in-morocco/>

Afana, Y., Lietz, P., & Tobin, M. (2013). The relationship between school resources and grade 8 mathematics achievement: A comparison of Palestinian Authority, Israeli Hebrew and Israeli Arab schools in TIMSS 2007. *Journal for Educational Research Online*, 5(1), 59–89.

Afana, Y. (2012). TIMSS and PIRLS 2011 Online School and Teacher Questionnaire Administration. In M. O. Martin, & I. I. Mullis, *Methods and Procedures in TIMSS and PIRLS 2011*. Chestnut Hill, MA: TIMSS & PIRLS International Study Center, Lynch School of Education, Boston College. http://timss.bc.edu/methods/pdf/Online_ST_Questionnaire_Admin.pdf

Contributor:

Lietz, P., Wagemaker, H., Neuschmidt, O., & Hencke, J. (2008). Educational Issues in the Middle East North Africa Region: Outcomes of the IEA Arab Region Training Seminar Series 2006/2007. International Association for the Evaluation of Educational Achievement, Amsterdam. (Reviewer)

Foy, P., & Olson, J. F. (Eds.). (2009). TIMSS 2007 international database and user guide. TIMSS & PIRLS International Study Center, Boston College.

Foy, P., Arora, A., & Stanco, G. M. (2013). TIMSS 2011 User Guide for the International Database. International Association for the Evaluation of Educational Achievement. Herengracht 487, Amsterdam, 1017 BT, The Netherlands.