

Dr. Obbey Ahmed Elamin Abdelrahman
(PhD in Economics - The University of Manchester UK)
Assistant Professor in Econometrics
The King Faisal University, Faculty of Business Administration
Saudi Arabia

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Nationality: Sudanese

Gender: male

Fields of Research

Econometrics, applied economics, quantitative methods in economics, health economics, labour economics and educational economics.

Published Papers

Elamin, Obbey., Reham Rizk, and John Adams. "Private tutoring and parents' decision to work more: understanding the pathways of impact in Egypt". Education Economics, (forthcoming). DOI:10.1080/09645292.2018.1503232.

Andrews, Martyn, Obbey Elamin, Alastair R. Hall, Kostas Kyriakoulis, and Matthew Sutton. "Inference in the presence of redundant moment conditions and the impact of government health expenditure on health outcomes in England." Econometric Reviews 36, no. 1-3 (2017): 23-41.

Elamin, Obbey. "Effect of Improving Housing Conditions on Early Childhood Health in Rural Sudan." Journal of Sustainable Development, Vol. 9, No. 4, (2016).

Education

PhD in Economics

University of Manchester, UK
November 2013

Supervisors: Dr. Len Gill and Prof. Matryn Andrews

Examiners: ext. Professor João Santos Silva - University of Essex, UK.
int. Prof Chris Orme - University of Manchester, UK.

PhD Research Title: *Nonparametric Kernel Estimation Methods for Discrete Conditional Functions in Econometrics.*

Master of Science in Econometrics

University of Manchester, UK
September 2007 –September 2008

Master of Science in Econometrics and Social Statistics

University Of Khartoum, Sudan
Aug.2001 – Aug. 2003

Bachelor of Science (first class honours) in Econometrics and Social Statistics. 1994 – 1999

University Of Khartoum, Sudan

Work Experience

King Faisal University - Saudi Arabia

Collage of Business Administration

Department of Economics

18 September 2016 – present (assistant professor in econometrics)

Teaching: Introduction to Econometrics, Principles of Macroeconomics, Money and Banking.

Admin: member of Quality Assurance Committee at the Collage of Business Administration.

Active member in the AACSB accreditation sub-committee.

The British University in Egypt

Department of Economics

19 April 2015 – 31 July 2016 (assistant professor in econometrics)

Teaching: Econometric Modelling (s1, year 3), Introduction to Econometrics (s1+s2 year 2),
Statistics for Economics II (s2, year 1).

Admin: Prep. Year coordinator. Member in the Faculty Teaching and Learning Committee and
Preparatory Year Coordinators Committee at the Faculty and University levels

The University of Stirling (UK)

Centre for Public Health and Population Health Research, School of Health Sciences

Post-Doctoral Research Fellow (econometrician/health economist)

9 Dec 2013 – 31 Aug 2014

Fixed term, full-time basis for two years, post on the project "Evaluation of the impact of
tobacco control mass media campaigns on quitting behaviour, smoking prevalence and
smoking-related health outcomes".

The University of Manchester (UK)

Institute of Population Health

Centre of Health Economics (part-time research associate)

Sep 2013 - Nov 2013

Applying econometric techniques in health data.

Economics

Feb 2013 - Jun 2013 (Part-time Teaching Assistant)

September 2009 - Jan 2013 (Graduate Teaching Assistant GTA)

Teaching Experience:

- UK economy (Microeconomics) , UK economy (Macroeconomics) , Advanced Mathematics, Advanced Statistics, Cross Section Econometrics, Computing for Social Scientists.

December 2009 - April 2011 (graduate research assistant)

Research assistant for the project director Prof. Alastair Hall (Economics).

Member in the project team with: Prof. Martyn Andrews (Economics), Prof. Matthew Sutton (Health Economics).

University Of Khartoum (Sudan)

Faculty of Economics and Social Studies

Department of Economics

Jan 2011 – Jan 2012 (in a privately funded study leave in the UK)

Department of Econometrics and Social Statistics

September 2007 – Jan 2011 (in a privately funded study leave in the UK)
13th October 2003 – September 2007 (Lecturer)

Teaching Duties:

- Applied Statistics, Mathematics, Theory of Statistics, Mathematical Statistics, Computer science.
- Supervised 5 BSc dissertations at the Faculty of Economics and 4 BSc dissertations at the Faculty of Mathematical Sciences, University of Khartoum.

Administrative duties:

- Director of The Mid- Diploma in Social Statistics, the Department of Econometrics and Social Statistics, July 2001 – September 2007.
- Computer Labs & Network Administrator, the Faculty of Economics and Social Studies, May 2003 - June 2004.

June 1999 –October 2003 (Teaching Assistant)

Teaching duties

- Statistics, Theory of Statistics, Operations Research.

Administrative duties:

- Responsible to the Head of the Department of Econometrics and Social Statistics and to the Registrar of the Faculty of Economics and Social Studies.
- Managing database of undergraduate students results at the Faculty of Economics.
- Exam invigilator.
- Research assistant for the senior staff at the Faculty of Economics.

Under review and under revision submitted papers

Andrews, Martyn, Obbey Elamin, and Len Gill. "Insights from kernel conditional probability estimates into female labour force participation decision in the UK". Under revision for *Empirical Economics*. (corresponding co-author: Obbey Elamin).

Elamin, Obbey. "Impact of informal job-search on wages for university graduates in Egypt and Jordan". Under review by *Oxford Bulletin of Economics and Statistics*, (submitted on 30 July 2018, corresponding author: Obbey Elamin).

Work in progress

Andrews, M., Elamin, O. and Gill, L. (2013). *Nonparametric Conditional Hazard Estimation for Discrete Time Processes*.

Current Research Projects

Applying nonparametric econometric techniques to treatment evaluation methods using examples from health economics.

Consultant Work

- Crime Victimization Survey, Peace Research Institute, Sudan (2006 –2007), *head statistician and planner*.
- Canadian Sudanese College, Sudan (2006), *member of academic reform committee (advisor in computer science courses)*.

- Rule of Law Survey, Peace Research Institute, Sudan (2006), *senior statistician*.
- AIDS/HIV Survey, Ministry of Higher Education, Sudan (2004), *senior statistician*.
- Albaraka Islamic Bank, Sudan (2004), *Economist in the bank strategic plan economic environment team*.
- Education Action International, Sudan mission (2003), *senior statistician*.
- Fiscal and Financial Allocation and Monitoring Commission, Sudan (2006-2007), *economist*.
- Haggard Holding Company, Sudan (2000- 2005), *consultant in marketing research surveys*.
- Sudan Family Planning Association, Sudan (2000), *consultant developing resource allocation models*.

Conferences and Presentations

- One hour presentation of the paper *Nonparametric treatment effect estimation of in-house risks on early childhood health in rural Sudan* at the Department of Economics at the British University in Egypt, 4th June 2015.
- One hour presentation at the Division of Economics workshop at the University of Stirling, 20 Feb 2014.
- One and half hours presentation at the Econometrics and Applied Economics workshop, 30 Jan 2014.
- 20 minutes presentation at the Centre of Health Economics workshop, jointly with Dr. Brenda Gannon, 18 Nov. 2013.
- Attended and presented in 2 internal PhD conferences at the Economics - University of Manchester.
- Attended the Sudanese/British Relationships Conference in Khartoum Sudan.
- Attended and participated in the dissection in a number of workshops in Sudan, including the workshop of the Fiscal and Financial Allocation and Monitoring Commission - the Presidency of the Republic of the Sudan in 2007 and the workshop of The National Population Council in Sudan in 2009.
- Presented, for about 3 hours with discussion, a PhD research proposal on using stochastic frontier models to assess the efficiency of the commercial banks in Sudan, University of Khartoum, Sudan (April 2006).
- Teaching Econometrics (2 hours presentation with hard discussion), University of Khartoum, Sudan (Feb. 2011).

Training Programs

Attended Training Courses and Workshops¹

24 - 25 Feb 2011

Centre for Microdata Methods and Practice (cemmap)

Econometric Estimation of Frontier Functions and Economic Efficiency.

Tutor: William Greene, New York University.

24 - 26 Nov 2010

Centre for Microdata Methods and Practice (cemmap)

Nonparametric likelihood: methods and applications in econometrics.

Tutor: Yuichi Kitamura, University of Yale.

¹ cemmap: centre for microdata methods and practice. UCL: the University College London.

10 - 11 Jun 2010

Centre for Microdata Methods and Practice (cemmap)

Nonparametric instrumental variables estimation: theory and applications.

Tutor: Joel Horowitz, Northwestern University.

25 Jan 2007 – 8 Feb 2007

The Academy for Financial and Economic Studies, Ministry of Finance and National Economy in collaboration with the World Bank (WB).

Training Program on Analytical Tools for Macroeconomic and Financial Management.

12th August – 11 September 2000.

Staff Development Center, University of Khartoum.

University teaching techniques, skills and educational psychology.

25 March 2009

Staff Training and Development Unit, The University of Manchester.

Graduate Teaching Assistant Training

5 October 2012

The Economics Network UK, The Lancaster University GTA Workshop.

Graduate Teaching Assistant Training (focus on economics teaching)

Skills Training programs attended at the University of Manchester between 2009-

2011: *Academic Writing, Applied Critical Thinking For Writing Academic Arguments, Publishing in Journals, Developing a Researcher Profile, Time Management, Speed Reading, and other courses.*

Instructor Training Courses

- Writing research papers using Latex, King Faisal University (2018).
- SPSS , British University in Egypt (2015).
- Applied techniques in statistics, the Central Bank of Sudan (2006).
- Applied statistics, Sudan Central Bureau of Statistics, Sudan (2000-2007).
- Data presentation in tables and charts, Sudan Central Bureau of Statistics, Sudan (2000-2007).
- SPSS , Computer Center, University of Khartoum, Sudan (2000-2007).
- Eviews , Computer Center, University of Khartoum, Sudan (2005).
- Data modelling, Ministry of High Education, Sudan (2005).
- Data analysis with SPSS , Sudan Custom Training Center, Sudan (2001-2003).

Language Skills

- Fluent two languages, Arabic (native) and English (very good).

Key Skills

- University teaching skills, academic administration skills , applied econometrics research, applied economics research, nonparametric methods in econometrics in addition to GMM, GEL and GET methods

- Software skills: Work with Stata, SPSS, Eviews, R software, MATLAB, Gauss, MINITAB, LIMDIP and other software. Microsoft Office. Text editors: LaTeX, Scientific Word, LYX. Presentation Editors: Beamer Microsoft Power Point.
- Advanced computational skills: Programming in Stata, Eviews, SPSS, R Software. Able to design Monte Carlo simulation and Bootstrap methods. Able to operate in Computational Shared Facilities (CSF) and High Performance Computers (HPC) using MATLAB and R software.

Awards & /Activities

- University of Khartoum Prize for the best Academic performance in the fifth year- Department of Econometrics-Faculty of Economic and Social Studies. Academic year 1998/1999.
- Member of the Royal Economic Society (UK).
- Member of the Scottish Economic Society (UK).

References

Prof Hassan Alhajhoj, Head of Department of Economics, KFU.
 Prof John Adams, Head of Department of Economics, BUE, email: John.adams@bue.edu.eg.
 Prof Martyn Andrews, The University of Manchester, martyn.andrews@manchester.ac.uk
 Dr. Len Gill (PhD supervisor), the University of Manchester, len.gill@manchester.ac.uk
 Dr. Arbab Ismail B.Faris, the University of Khartoum, Arbab.Faris@uofk.edu