

## **Divine Ikenwilo**

### **Curriculum Vitae**

#### **A. Contact Details**

Health Economics Research Unit  
Division of Applied Health Sciences  
College of Medicine and Dentistry, University of Aberdeen, Foresterhill  
Aberdeen AB25 2ZD, Scotland  
*Tel:* +44 (0) 1224 437178; *E-mail:* d.ikenwilo@abdn.ac.uk

#### **B. Formal Education**

- PhD in Health Economics (Aberdeen), September 2006 – November 2010  
*Topic: Studies on the job satisfaction and labour supply of hospital consultants*
  
- MSocSc in Health Economics (Cape Town), January 2000 – June 2001  
*Topic: Evaluating hospital efficiency in Nigeria: a stochastic frontier approach*
  
- BSc (Honours) in Economics (Nigeria), April 1994 – December 1998  
*Topic: Determinants of stock price volatility in Nigeria*

#### **C. Recent Employment**

Research Fellow, **University of Aberdeen**, *February 2002 – present*

- Mainly research job within a top Health Economics research unit in the UK (RAE 4\*)
  - Roles include research design, analysis and dissemination of research output
  - Research in applied micro economics, health economics, labour economics and micro econometrics (health care workforce, labour supply, job satisfaction)
- Analysing impact of government policy using PSM & DID methods
  - Free dental & eye care policies in Scotland
  - Payment by Results
  - First managed clinical network for myocardial infarction
  - Examples include published output, conference and other oral presentations
- Contributions to;
  - Writing of grant applications
  - Administrative duties (workstations assessments and first aid)
  - Teaching (introductory health economics, health systems and financing) and
  - Supervision (e.g. master's degree) students and research assistants.
  - Regularly analyse large primary datasets (doctors survey), administrative datasets (ISD data) and large secondary datasets (BHPS)
  - Excellent computer skills; Econometric and statistical analytical software (Stata, Limdep and SPSS) and MSOffice (Word, Excel, PowerPoint, Outlook, Explorer)

Senior Research and Information Officer, **NHS Education for Scotland**, *February 2009 – August 2010*

- Secondment to the Dental Directorate of an NHS organisation
- Support the education and lifelong learning need of all NHS Scotland dental and nursing staff.

- Job involved conducting applied econometric analysis to
  - Evaluate the effects of government policy on the demand and supply of dentists and nurses in NHS Scotland
  - Demand for dental care in Scotland following the introduction of free dental check-ups
  - Transitions nurses make from (usually funded) training in Scotland to working for NHS Scotland
- Also involved working with large secondary datasets (BHPS, LFS, SHS)
- Contribution to the Dental Workforce Report (Autumn 2010).

#### **D. Grants Awarded – with dates and co-holders**

- *Award: £43,034 Chief Scientist Office*

‘Eye care service in Scotland: did the Scots get it right?’

Co-applicants: Alexandros Zangelidis (PI), Heather Dickey, Divine Ikenwilo, Verity Watson.

- *Award: £76,895 Royal Colleges (Medicine, Surgery, Anaesthetics)*

‘Impact of revalidation on the clinical and non-clinical activity of non-training grade doctors in Scotland and the North East of England’

Co-applicants: Dr Diane Skåtun (lead researcher), Divine Ikenwilo, and other senior colleagues at the Royal Colleges, NHS Health Boards in Scotland and NHS Trusts in the North East of England.

- *Award: £150 Royal Economic Society*

Conference Grant Scheme for oral presentation at the 7<sup>th</sup> World Congress of the international Health Economics Association (iHEA) in Beijing, China (July 2009)

- *Award: £70,276 NHS Education for Scotland*

Start Date: February 1, 2009. Duration: 18 months

Principal Investigator, analysing the demand for dental care in Scotland, as well as the transitions nurses make between training and NHS employment and providing research support to the work of the Dental Education Directorate in Dundee.

- *Award: £300 University of Aberdeen*

Principal’s Small Grants support for oral presentation at the European Conference on Health Economics in Budapest, Hungary (July 2006)

- *Award: £86,177 Scottish Executive*

Start Date: November 2005. Duration: 12 months

‘Second national survey of consultants, SAS doctors and GPs in Scotland’

Co-applicants: Prof. Matt Sutton (PI), Dr Diane Skåtun (University of Aberdeen), Prof. Gillian Needham, Fiona French (NHS Education for Scotland, North Deanery)

- *Award: £59,756 NHS Employers*

Start Date: August 2005. Duration: 4 months

‘Adjusting the General Medical Services Allocation Formula to reflect recruitment and retention difficulties in deprived areas’

Co-applicants: Professor R.F. Elliott (PI), Professor Matt Sutton, Dr Diane Skåtun (University of Aberdeen), Professor H. Gravelle, Professor B. Sibbald (University of Manchester), S. Morris (Imperial College London)

- *Award: £35,000 Department of Health*

Start Date: January 2005. Duration: 5 months

‘Regional Pay for NHS Medical and non Medical Staff’

Co-applicants: Professor R.F. Elliott (PI), Dr. A. Scott, Dr D. Skåtun (University of Aberdeen)

- *Award: £600 University of Aberdeen*

Principal’s Small Grants support for oral presentation at the 4<sup>th</sup> World Congress of the international Health Economics Association (iHEA) in San Francisco, U.S.A. (June 2003)

## E. Bibliography

### *Refereed Papers*

- Agu C, Olajide D, **Ikenwilo D**, Orji A. Mergers and acquisitions: the Nigerian banking consolidation program. *The International Journal of Banking and Finance* 2011; 8 (4): 19-46
- French F, **Ikenwilo D**, Scott A. What influences the job satisfaction of staff and associate specialist hospital doctors? *Health Services Management Research*, 2007; Volume 20: 153-161.
- Sutton M., **Ikenwilo D.**, Skåtun D. (2007). Evaluation of the introduction of a pay for performance contract for UK family doctors using participant perceptions. *HEDGE Working Papers* WP 07/20.
- **Ikenwilo D**, Scott A. The effects of pay and job satisfaction on the labour supply of consultants in the UK. *Health Economics* 2007; Volume 16 (Number 12): 1303-1318.
- **Ikenwilo D**. Brain drain: painting a picture for Africa. *ATPS Special Paper Series* Number. 34, 2007.
- Hamilton KE, Sullivan FM, Donnan PT, Taylor R, **Ikenwilo D**, Scott A, Baker C, Wyke S. A managed clinical network for cardiac services: set-up, operation and impact on patient care. *International Journal of Integrated Care* September 2005; ISSN 1565-4156

### *Abstracts*

- **Ikenwilo D**, Farrar S, Sutton M. Anticipatory behaviour prior to the introduction of a prospective payment system for hospitals in England. *European Journal of Health Economics* 2006; Supplement 1: s45.
- Scott A, Elliott R, **Ikenwilo D**, Skåtun D, Bell D, Roberts E. Does regional pay solve doctor shortages? Implications for cross national mobility of healthcare professionals. *European Journal of Health Economics* 2006; Supplement 1: s87.

### *Working papers*

- **Ikenwilo D**. Job satisfaction and intentions to alter hours among senior doctors in NHS Scotland.
- Zangelidis A, Dickey HS, **Ikenwilo D**, Norwood PF, Watson V. Utilisation of eye care services: an examination of the effect of Scotland’s free examination policy.
- **Ikenwilo D**. An evaluation of dental attendance following policy reform: a difference-in-differences approach.
- **Ikenwilo D**, McNamee P. A compensating income variation approach to valuing chronic pain in older adults.

- Dickey H, **Ikenwilo D**, Norwood P, Watson V, Zangelidis A. Evaluating the effects of free eye care services in Scotland.
- **Ikenwilo D**. Perceived need and barriers to continuing professional development among doctors in Scotland.
- **Ikenwilo D**. The effects of overtime work on health, leisure and family life of doctors in Scotland.
- **Ikenwilo, D.**, Olajide, D., Okorafor, O. Millennium Development Goals, education and health: analysis of gender differences in health production in South Africa.

#### *Reports*

- French F, Geue C, **Ikenwilo D**, Needham G, Rooke C, Skåtun D, Sutton M. Changes in job satisfaction, work commitments and attitudes to workload following contractual reform. Health Economics Research Unit Briefing Paper 2007.
- French F, Geue C, **Ikenwilo D**, Needham G, Rooke C, Skåtun D, Sutton M. Second national survey of non-training grade doctors in NHS Scotland: Changes in job satisfaction, work commitments and attitudes to workload following contractual reform. Report to the Scottish Executive Health Department.
- **Ikenwilo D**, French F, Geue C, Needham G, Rooke C, Skåtun D, Sutton M. Interim report on the survey of non-training grade doctors in NHS Scotland. Submitted to the Pay Modernisation Team at the Scottish Executive Health Department and the project Steering Committee.
- Elliott R, Scott A, Skåtun D, **Ikenwilo D**, Bell D, Roberts E. Regional pay for NHS medical and non-medical staff. Final Report to the Department of Health 2005.
- **Ikenwilo D**, Elliott R, Skåtun D, Scott A. Solving regional doctor shortages: is greater regional pay flexibility the answer?

#### *Peer Reviewed Oral Conference Presentations*

- Olajide D, **Ikenwilo D**. The effects of institutional quality and economic freedoms on gender empowerment in Sub-Sahara Africa. ATPS Annual Conference in Mombasa, Kenya (November 2011).
- Okorafor, O., **Ikenwilo, D**. Demand for health care in South Africa: insights into a national health insurance system. African Health Economics and Policy Association (AfHEA) conference in Dakar, Senegal (March 2011).
- **Ikenwilo D**. Analysis of normal and extra supply of labour among senior doctors following contractual reform. 7th World Congress of the international Health Economics Association (iHEA) in Beijing, China (July 2009).
- **Ikenwilo D**. Does increased health spending mean better health outcomes? The inaugural conference of the African Health Economics and Policy Association (AfHEA) in Accra, Ghana (October 2008).
- **Ikenwilo D**, Sutton M, French F. Perceptions of change in the quality of care as a result of the nGMS contract. European Conference on Health Economics (ECHE) in Rome, Italy (July 2008).
- **Ikenwilo D**, Sutton M, Skåtun D, French F, Needham G, Geue C, Rooke C. A longitudinal data analysis of consultants' job satisfaction. Scottish Economic Society conference in Perth, Scotland (April 2007).
- **Ikenwilo D**, Farrar S, Sutton M. Anticipatory behaviour prior to the introduction of a prospective payment system for hospitals in England. European Conference on Health Economics (ECHE) in Budapest, Hungary (July 2006).

- **Ikenwilo D.** Brain drain: painting a picture for Africa. African Technology Policy Studies Network (ATPS) and the New Partnership for African Development (NEPAD) Annual conference in Mombasa, Kenya (December 2005).
- **Ikenwilo D, Scott A.** The effects of pay and job satisfaction on the labour supply of consultants in the UK. European Conference on Health Economics (ECHE) in London, England (July 2005).
- **Ikenwilo D, Scott A.** Motivating GPs: results of a job satisfaction survey. Nordic Health Economists Study Group conference in Bergen, Norway (August 2003).
- **Ikenwilo D, Scott A.** Stylised facts about doctors' job satisfaction. UK Health Economists Study Group meeting in Canterbury, England (July 2003).
- **Ikenwilo D, Scott A.** Consultants' job satisfaction and intentions to reduce number of contracted sessions in NHS Scotland. International Health Economics Association (IHEA) world congress in San Francisco, U.S.A (June 2003).
- **Ikenwilo D, Scott A, Awremenko M, Andrew J, Walker K.** Preferences for job characteristics: the case of non-consultant career grade doctors in the NHS. UK Health Economists Study Group meeting in Leeds, England (January 2003).

## **F. Other Activities**

Teaching, supervision, external journal reviews, external Master's thesis examinations

### *Affiliations and Membership of Professional Bodies*

Associate, Centre for Sustainable International Development, Aberdeen

Associate Fellow, African Institute for Applied Economics (AIAE), Enugu Nigeria

Member, UK Health Economists Study Group

Member, international Health Economics Association (iHEA)

Founding member and finance representative and membership secretary for AfHEA

Member, Scottish Economic Society

Member, Royal Economic Society