

Dr. Bilal Barakat

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German national | born February 20, 1979 in Karlsruhe, Germany

Professional & Research Experience

Sep 2008–ongoing

Austrian Academy of Sciences, Vienna Institute of Demography (VID)
& Int'l Institute for Applied Systems Analysis (IIASA), Vienna
Research Scholar

main areas of activity: education projections and modelling; econometric and statistical methodology; school location and demographic development; education and social vulnerability and resilience to climate change

Oct 2005–ongoing

Independent educational development consultant/policy analyst

World Bank — co-authored a study on *Youth, Education, and Conflict in the Middle East and North Africa (MENA)*, a background paper for the Bank's MENA flagship report

Inter-Agency Network for Education in Emergencies (INEE) — assessment of 'Education and Fragility' evidence-base as project-leader of a team at the Conflict and Education Research Group (CERG) at the Oxford University Department of Education; development of INEE's Strategic Research Agenda through background research and stakeholder consultation

UNESCO — preparation of a discussion paper and technical review of UNESCO's Education Simulation Models for an expert meeting

Education Data Surveys, Oxford — policy analysis and statistical modelling of hard-to-fill headteacher vacancies for the National College for School Leadership (NCSL); policy analysis of diversity in teacher training recruitment for the Training & Development Agency for Schools (TDA)

UNESCO Int'l Centre for Technical and Vocational Education and Training (UNEVOC) — researched and drafted parts of a discussion paper on TVET in post-conflict reconstruction as part of a team at the Conflict and Education Research Group (CERG) at OUDE

UNDP 'Enhancement of Quality Assessment and Institutional Planning in Arab Universities' (EQUAIP) Project, Oxford — contributed to a feasibility study for the establishment of an Arab Higher Education Quality Assurance Agency

- July 2005–Mar 2008 University of Oxford
various academic roles
- supervised a BA thesis student on the politics of teaching history in Israel/Palestine for the Department of Politics
- assisted with and held seminars for Masters students on Education in Emergencies & Reconstruction and Statistical Research Methods at the Department of Education
- provided exam preparation and dissertation support in statistics for specialist and neophyte under- and postgraduates, incl. for the Department of Social Policy and Social Work
- co-designed a curriculum on Comparative Education and delivered four tutorials for the Department for Continuing Education
- designed content for e-learning modules on statistics for the Oxford University Computing Service
- Feb–May 2006 UNESCO Int’l Institute for Educational Planning (IIEP), Paris
Intern
- provided back-office support, incl. budgeting, for field missions; provided editorial support and research assistance for various studies commissioned by IIEP on aspects of education for emergencies and reconstruction; liaised with authors and consolidating multiple layers of comments on drafts; research assistance to IIEP staff; facilitated project meetings
- Oct 2002–Feb 2004 scicon—Scientific Consulting, Karlsruhe
Business Analyst
- designed, implemented, presented and documented complex statistical marketing analyses for major international pharmaceutical companies

E d u c a t i o n

- 2004–2009 D.Phil.
University of Oxford, Department of Education
- dissertation title: ‘An impossible imperative: strategic educational planning in Palestine and other volatile contexts’
- 2001–2002 M.Sc. Mathematics and Foundations of Computer Science
University of Oxford
- master’s thesis on descriptive complexity arguments in model selection and inference
- 1998–2001 B.A. Honours Mathematics, First Class
University of Cambridge
- focus on theoretical and applied statistics and probabilistic modelling

Professional & Scholarly Associations and Activities

Guest editor of the *Vienna Yearbook of Population Research (VYPR) 2010*
(together with Prof. H.-P. Blossfeld, University of Bamberg)

Scientific co-organizer of the international conference ‘Education and Demography’, held 30 Nov–1 Dec 2009 at the Austrian Academy of Sciences in Vienna, Austria

Referee for *Research in Comparative and International Education*
Journal of Peace Research
Conflict Management and Peace Science
Demografischer Wandel: Hintergründe und Herausforderungen series by VS Verlag
(part of Springer Science+Business Media)

Additional Skills and Qualifications

Computing proficient user of office applications on Windows and Mac
 programming and statistical analysis in SAS, SPSS, R, Mathematica, LISREL, Python
 typesetting using the L^AT_EX system
 interactive web design using HTML, CSS, Javascript

Languages Native: German, English
 Low intermediate: French, Arabic

Other ‘Professional Training for Social Scientists’ at the Saïd Business School, Oxford
 Teaching English as a Foreign Language (TEFL) certificate
 qualified First Aider
 full clean German driving license (vehicle classes A, B)

Selected Publications

refereed:

(with A. Goujon) *Future Demographic Challenges in the Arab World*. Occasional Papers Nr. 75, The Emirates Center for Strategic Studies and Research (ECSSR), United Arab Emirates (forthcoming).

(with S. Kc, A. Goujon, V. Skirbekk, W. Lutz) ‘Projection of populations by level of educational attainment, age and sex for 120 countries for 2005–2050’. *Demographic Research*, 22 (15), 2010.

‘Education and intra-alliance conflict — Contrasting and comparing popular struggles in apartheid South Africa and Palestine’. *Research in Comparative and International Education*, 3 (1), 2008.

editorial review:

(with D. Carson, A. Taylor, R. Basu and L. Wang) ‘Education, Remoteness and Population Dynamics’. Chapter for an edited volume on population development in remote regions, edited by D. Carson. Ashgate. (forthcoming)

(with E. Loichinger and V. Skirbekk) ‘The Aging of the Workforce in European Countries: Demographic Trend, Retirement Projections, and Retirement Policies’. In: J.W. Hedge and W.C. Borman (eds.) *Oxford Handbook on Work and Aging*. Oxford: Oxford University Press. (forthcoming)

‘Unterschiede im Geburtenverhalten nach Ausbildungsniveau’. Chapter 19 in: I. Buber and N. Neuwirth (eds.) *Familienentwicklung in Österreich: Erste Ergebnisse des Generations and Gender Survey (GGS) 2008/09*. Vienna: Austrian Academy of Sciences & Austrian Institute for Family Studies. 2009.

(with S. Kc, A. Goujon, V. Skirbekk, W. Lutz) *Projection of populations by level of educational attainment, age and sex for 120 countries for 2005–2050*. Interim Report IR-08-038. Laxenburg, Austria: International Institute for Applied Systems Analysis. 2008.

‘Deepening the divide: The differential impact of protracted conflict on TVET vs academic education in Palestine’. In: R. Maclean & D. Wilson (eds.) *International Handbook of Technical and Vocational Education and Training*. Springer. 2008.

‘The Struggle for Palestinian National Education Past and Present’. In: C. Brock and L. Levers (eds.) *Aspects of Education in the Middle East and North Africa*. Symposium. 2008.

(with L. Kane, A. Inglis, Z. Karpinska, J. Paulson, R. Yarrow) *Education for livelihoods and civic participation in post-conflict countries: Conceptualizing a holistic approach to TVET planning and programming in sub-saharan Africa*. Discussion Paper no. 3. Bonn, Germany: UNESCO-UNEVOC International Centre for Technical and Vocational Education and Training. 2007.

book reviews:

Review of ‘Economic development, education and transnational corporations’ by Mark Hanson. *Comparative Education*, 45 (1), pp. 131–140, 2009.

Review of ‘The Emergence of a Palestinian Globalized Elite: Donors, International Organizations and Local NGOs’ by Sari Hanafi and Linda Tabar. *Journal of Refugee Studies*, 20 (1), pp. 154–156, 2008.

Review of ‘Embedded Case Study Methods: Integrating Quantitative and Qualitative Knowledge’ by Roland Scholz and Olaf Tietje. *European Association for Decision Making Bulletin*, Summer 2005.

invited lectures and major conference presentations:

The educational attainment profile of the future global labour force, accepted at the XXVI IUSSP International Population Conference, to be held in Marrakech, Morocco, Sep 27–Oct 3, 2009.

Schooling the few: Educational causes and consequences of regional population decline, presented at the international conference ‘Empty country and lively cities? Spatial differentiation in the face of demographic change’, held in Berlin, Germany, May 7–8, 2009

Does education mediate the relationship between youth bulges and political violence?, presented at the conference ‘Youth Exclusion and Political Violence: Breaking the Link and Engaging Young People Positively in Development’, held in Oslo, Norway, Dec 4–5, 2008.

Strategic educational planning practices in volatile contexts, presented at the XIII World Congress of Comparative Education Societies (WCCES), held in Sarajevo, Bosnia-Herzegovina, Sep 3–7, 2007.

two contributions to the *VID Colloquium* series: *Demographic Dimensions of the Israeli-Palestinian Conflict* (Jan 30, 2009), *Education and ‘Youth Bulge’ Effects on Violent Conflict* (Feb 13, 2008)

unpublished consulting reports:

(with J. Paulson and H. Urdal) *Youth, Education, and Conflict in the Middle East and North Africa*. Background paper for the World Bank MENA flagship report. 2010

Education Simulation Models in use across Unesco: A review of technical features. Prepared for UNESCO. 2009.

(with Z. Karpinska and J. Paulson) *Education and Fragility*. Prepared for the Interagency Network on Education in Emergencies (INEE). 2008.

July 19, 2010