

## **John McKeown**

### **Educational software creation**

I was one of a team of three that developed 17 software modules for undergraduate Geography (later published by Springer). Each module had a different panel of lecturers from UK universities. I built eight modules including 'Meteorology', 'Biogeography & Ecology', 'Quaternary Environments', 'Social Survey Design', 'Regional Economic Change', and 'Geographical Information Systems'. For each I elicited content and data from academic authors. I built screen activities, and components such as animations, map overlays, and simulations based on datasets. My support work for two lecturers using a prototype with M.Sc. students, including at a residential, led to:

Ian Heywood, Roy Alexander, John McKeown, and John Castleford 'The House Hunting Game: An Interactive Teaching Resource for Spatial Decision Making using GIS' (1997) Third International Symposium on GIS in Higher Education, Chantilly, Virginia.

### **Teaching in Higher Education**

University of Gloucestershire: I tutored four distance-learning modules, each 15 CATS in size. I wrote two of the modules, rewrote the third, and revised the fourth. I was the Module Leader for those, running the online seminar for all tutors' groups combined (five assistant tutors). I designed all assessments, for each preparing topic-specific reading lists of material accessible online, including journal articles at a suitable level.

Open University: I tutored *Ancient Cities and Technologies* (archaeology) until 2005. I also tutored *Leonardo da Vinci* (art, history, technology) until February 2010. Earlier I tutored *Computing, the Internet and eCommerce* for 4 years.

Trinity College Bristol: Visiting Lecturer sessions for D352M on Population, Consumption and Ecological Footprints. Began in 2008/9, fifth run was in April 2013.

### **Poster presentations at conferences**

BSPS (British Society for Population Studies), Nottingham University, 2012

ALT-C (Association for Learning Technology), 1997.

### **Skills and experience**

As the Trainer for BYG Systems, I delivered many training days, mostly on-site but also at customer venues (mostly FE colleges) around the UK. I also created training materials.

My M.Sc. included modules in programming, operating systems, robotics, simulation, and logistics. My dissertation was on 'Interactive multimedia Learning systems'.

I developed websites for [jri.org.uk](http://jri.org.uk), [climatestewards.net](http://climatestewards.net), and (earlier) [arocha.org](http://arocha.org), moving from hand-coded HTML to Content Management Systems. I managed hosting moves.

I'm currently updating skills in HTML5, CSS3 and Javascript

For employer's contacts and events management I custom-built an online database using MySQL and PHP which was used regularly by various people from 2002 until 2015.

I sent mailings to list of 1,200 JRI supporters (or geographical segments) using Mailchimp.

Social media e.g. @jpmckeown and Facebook sidebar integration for [www.jri.org.uk](http://www.jri.org.uk)

Languages/markup used include PostScript (for SalesClincher output), Perl (turning the ARocha magazine into HTML), and C (for some operations within GeographyCAL).

I used video and audio editing tools to make clips for slideshows given at Trinity College Bristol, and for making JRI conference talks available from the JRI website.

Statistics and Maths. I completed between January 2011 and June 2013: two modules from Open University (total 60 credits), as MST121 *Using Mathematics* (average mark 95%), and M248 *Analyzing Data* (Statistics) gaining a Distinction with 96% coursework and 89% in final exam; and 'A' Level Mathematics with Statistics options S1 and S2.

### **Education and qualifications**

University of Liverpool	PhD Reception History (at Chester)	2012
University of West of England	M.Sc. Manufacturing Information Systems	1992
Aberystwyth University	PGCE teaching History ages 11-18	1987
University of Sussex	M.A. History	1985
University of York	B.A. History 2 i	1983
Cooper's School 'A' levels in	Physics (A), Geography (A), History (B)	1980

### **Professional memberships**

Member of the Institute of Learning and Teaching in Higher Education converted to Fellow of the Higher Education Academy when ILTHE became HEA.

### **Employment**

Service Desk Support Technician 16 hrs, FX Plus	May 2015 to present
0.4 IT Assistant, Biosciences/Geography, University of Exeter	Dec. 2013 to present
Technical Support Officer, JRI	Nov. 1999 – Jan. 2014
Module Leader, University of Gloucestershire	Dec. 2004 – Oct. 2010
Associate Lecturer, Open University	Nov. 1999 – Feb. 2010
Development Officer (RA), Leicester University and Coventry University, <i>GeographyCAL</i> CTI Centre for Geography, Geology and Meteorology	Jan. 1994 – Dec. 1999
Trainer and technical writer, BYG Systems, Nottingham	Aug. 1992 – Jan. 1994
Support and administrator, CM Software, Littlemore	Sept. 1990 – Apr. 1991
Worked in restaurant kitchens, supermarkets, bakery, hospital, furniture factory, civil service temping.	Various 1983 – 1991

### **Contact**

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