

OR Accreditation

Example: Fellow

Application Form Part 1

Data Protection Act

Information entered in this form will be used for the purposes of assessing your application and may then be retained to assist the Accreditation Panel in maintaining consistent standards. Information entered in the 'Personal and professional details' section may also be used for membership administration. The contents of the form will be made available to the referees you nominate. Information entered or amended in fields marked # will also be displayed in your home page in the Members' Enclosure at theorsociety.com, unless you check the boxes provided in order to hide the information.

Membership Qualification

Accreditation is restricted to fully paid-up members of The OR Society. Please check the box to certify that you are a member and that your subscription is paid up to date.

Application

I apply for admission to the category of Associate /Associate Fellow / Fellow and agree to pay the application fee.

Personal and Professional Details

Family Name*	Brown	Salutation*	Mr
Forename*	William	Date of birth* (dd/mm/yyyy)	
Job Title	Section Leader		
Work Place Name	HM Revenue & Customs		

Qualifications at first degree and above, including degree title, class (if applicable), subject, institution and year

BSc 1st class honours in Mathematics 1991
MSc in OR and Statistics 1992
(Both University of Melchester)

Memberships, conferring letters after the name, of any professional bodies. Please state date of award

None

Curriculum Vitae

Curriculum vitae in reverse chronological order going back to first job, giving for each position start and end dates, employer / self-employed, job title, responsibilities and brief details of work undertaken

June 2006 to date
HM Revenue & Customs

Leader of team offering OR support to the Directorate that manages the Contact Centres. I am responsible for developing a programme of work to support their drive to improve efficiency and increase customer service.

October 2004 to June 2006
Inland Revenue

Professional OR Analyst and Deputy Team Leader of the Departmental Scorecard Team, which was charged by the Chairman to implement a balanced business scorecard for Inland Revenue. I had a particular responsibility for measurement design.

April 2002 to October 2004
H M Customs & Excise

Principal OR Analyst and Team Leader
Led projects in drugs smuggling, Tobacco duty risk, Cross channel smuggling survey, VAT strategy and the implications of the possible introduction of the euro.

2001- 2002
Inland Revenue

Principal OR Analyst and Team Leader
Led projects in Debt management; Compliance; Customer service

1998 - 2001
H M Treasury

Principal OR Analyst
Involved in development of output and performance measurement and in a variety of studies covering mainly Home Office (especially prisons) and Legal Departments (especially legal aid and the introduction of the Crown Prosecution service)

1996 - 1998
European Commission

Senior OR Analyst, mainly on defence issues.

1992 - 1996
Civil Service Department

OR Analyst
Several projects on civil service wide staffing issues
In particular modelling pay with regard to the government pay restraint policies.

Application Form Part 2

Achievements

Concisely describe your achievements under all of the following headings, entering any information that will support your case. Enter 'none' where that is the case. Please refer to the guidelines before completing this section.

Practice Criteria

Contributions to improved performance or well-being, directly or indirectly, through OR applications in public, private or voluntary organisations, or in the community (Field 1)

I have been in government OR since 1992 and I regard the following as "highlights", with the emphasis being on assessing current capabilities and identifying ways in which effectiveness can be enhanced

I was the first to undertake pay modelling during the governments pay restraints and successfully forecast the Civil Service pay costs. Pay modelling is now a major OR commitment across government departments.

For the European Commission, I applied risk management methodologies that had been developed in the defence domain to address the risks facing financial investors in start-up companies: the approach enabled potential investors to understand better the quantified risks and opportunities they would encounter.

In Treasury I contributed significantly to performance management technique and was part author of several papers that set out standards for government departments to follow. I did some work with departments, for example, specifying and overseeing the development of a simulation model of search-and-rescue helicopter operations: the objective was to determine whether a better level of service could be offered if the helicopters were operated from different bases than at present.

In Inland Revenue, I was heavily involved in a project on the use of tax inspectors. See published paper. Later I led projects on debt management, devised a method of measuring and monitoring quality of such activity. I then supervised a number of projects on compliance, including leading a team assessing the effectiveness of current and planned assets to prosecute different types of compliance targets: by modelling different processes and representing the capabilities of different systems, we were able to show how improvements could be achieved and to inform the optimum balance of investment in this area.

At Customs, I led projects on government strategies on drugs, tobacco smuggling and VAT being heavily responsible for introducing soft systems and system dynamics techniques into the modelling of these issues.

In my current job, I led a team which delivered improvements of process through root cause analysis techniques and the application of text and voice mining.

Management of significant O.R budgets, staff or facilities (including in education) and promotion of O.R. in the organisation and/or senior non-O.R. management role(s) (Field 2)

I have been managing OR staff since 2001, the largest team comprising 10 whilst at HM Customs & Excise. In my current role I manage a team of seven with a departmental budget in excess of £500,000.

OR project management and supervision, including practice-based student projects (Field 3)

In common with many others, I started my OR career as a practitioner, and then moved on to spend more time designing and managing OR studies that required the efforts of colleagues to be applied to a common goal. A fairly recent large project concerned drug strategy. This saw me responsible for the management of a team that fluctuated in size from 4 to 10 staff, from four organisations. The types of staff I have been responsible for managing have ranged from students (those spending a year in industry, and those sponsored by the organisations who are given short-term summer placements) to staff with many years experience in OR. Particular challenges have included the management of teams where the core members are augmented by a continually changing cast of associate members. Ensuring a common approach and a genuine team spirit has required me to work hard.

Authorship of written or oral reports, conference and workshop presentations, and case studies which contribute to the practice of O.R. (Field 4)

"Resource allocation within government administration - the tax inspectorate" A Green & W Brown, JORS 56 (2005) pp218-223.

Contributions to the development, maintenance and implementation of innovative O.R. systems through academic / practitioner collaboration (Field 5)

I am a member of the University of Melchester's liaison committee for their MSc in OR.

Successful creation of own business in O.R. consultancy (Field 6)

None

Theoretical developments that have led directly and demonstrably to improved practice (Field 7)

The pay models and the debt management quality measure were particularly innovative pieces of work.

Application Form Part 2 - continued

Education, Training and Development Criteria

Management & development of OR courses, including in-company training or MSc course director. (Field 8)

None

Substantial introduction of new OR courses, teaching methods or curriculum developments (Field 9)

I was secretary of GORS Training sub-committee that oversaw personal development matters from about 1998 to 2004.

Delivering effective OR teaching or training, including mentoring and coaching, whether in a business or educational environment. (Field 10)

For seven years I had the role of mentor to all OR graduate recruits in my team and was responsible for developing a programme of regular personal development events where team members made presentations to their OR peers on their current project work.

Active development of your own knowledge and professional skills. (Field 11)

I regularly attend GORS events and have twice attended OR Society Annual Conferences where I made a point of attending streams which covered unfamiliar topics which I thought might be useful for my own professional development.

Participation in, and contribution to, the organisation of ORS conferences, workshops, seminars, regional societies, study groups, the management of The OR Society, and similar participation in EURO or IFORS (Field 12)

I organised an OR Society day event in 2008 on "Quality and Performance Measurement", and was on the Organising Committee for the OR Society Annual Conference in 2010.

I have also organised two Government OR Service conferences in 2006 and 2011

Contribution to academic / practice collaboration leading to improved education and training (Field 13)

None

A record of work placed in the public domain (Field 14)

A number of my presentations at GORS events can be found on government websites.

Success in contributing to collaborative research projects and / or in obtaining research grants. (Field 15)

None

Acting as external examiner (Field 16)

None

Refereeing and editing for JORS, EJIS, KMRP, OR Insight, and other relevant publications (Field 17)

I have been a referee for JORS, specialising in data envelopment analysis, from about 2008 until 2014.