OR Accreditation

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*	Smith	Salutation*	Mr
Forename*	Robert	Date of birth* (dd/mm/yyyy)	
Job Title	Operational Research Analyst		
Work Place Name	Home Office		

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

BSc (2.2) Mathematics and its applications (London 2010)

MSc in Management Science and Operational Research (Melchester 2011)

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

Home Office (May 2011 . present)
[OR Analyst]

- Managing and developing a data warehouse containing data from across the Home Office
- Using data mining to analyse data in new and innovative ways.
- Building a spreadsheet application used by all 43 police forces.
- Using factor analysis to derive measures of social capital.
- Investigating evidence for the impact of crime reduction on other social outcomes.

MSc Management Science and Operational Research (October 2010 . May 2011)
[Student]

- Studied OR at Melchester at played an active part in the course.
- Completed a dissertation for the Home Office investigating the effects of social capital and fear of crime.

HM Customs and Excise (July 2008 . July 2009)
[OR placement Student]

- Data preparation and cleaning for the departmental pay model
- Forecasting a variety of traffic measures
- Conducting trials of new VAT procedures to assess relative benefit
- Using cluster analysis to identify hotspots for illicit cigarette sales

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 built a spreadsheet application which was sent to each of the forty-three police forces. The application enabled each force to investigate the possible cost savings to the public if police forces were merged. The tool was gratefully received and was used by the forces to support their business cases.

I have carried out numerous projects that have contributed to an increased understanding of how the Home Office can analyse its data sources in a more holistic way to better support decision making.

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 helped prepare material for an event where O.R. was showcased to senior management in the Department. I have also acted as 'buddy' for two recent graduate recruits, helping them with their Personal Development Plans.

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

None

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

Gave a talk at the GORS conference 2012 based on my MSc dissertation.

Gave a talk at OR56 about my work in the Home Office.

I wrote and presented a talk at the OR careers day 2012 about my experiences working for the Government Operational Research Service.

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

None

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)

None

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)

I am a regular contributor to our team's Experience Share events where we present our current O.R. projects.

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

None

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

Wrote and presented a short introduction to discrete event simulation using Simul8. I gave introduction to several colleagues who had no previous experience of simulation.

Provided demonstrations of data mining using Clementine to several other teams.

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

Attended a talk given by the London and South East OR Group LASEORS.

Attended a talk organised by the Problem Structuring Methods special interest group.

Attended OR56.

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 am organising the Government stream at next year's YOR Conference.

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)

None

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)

None