

Curriculum Vitae

Dr Sheila A Simpson

2009

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Personal Details

Dr Sheila Anne Simpson

Work address: Clinical Genetics

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Educational background

Aberdeen High School for Girls 1963 -68

University of Aberdeen 1968 - 1974

Merit Certificates in: Medicine, Pharmacology, Surgery

Class Prizes in: Child Health,
Obstetrics

Qualifications:	MBChB (Aberdeen)	1974
	DObsRCOG (Glasgow)	1976
	DCH (Royal College Physicians Glas)	1977
	BSc (Hons, Genetics) (Aberdeen)	1987
	MD (Aberdeen) Huntington's Disease in Grampian	1992
	Entry to Specialist Register (Neurogenetics)	1998
	FRCP (Edin)	2008

Honours

Patron, Sue Ryder Care, since 2003

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Postgraduate Training

*Awarded **Health Service Research Training Fellowship**, funded by the Scottish Home and Health Department, 1990-92. This course, accessed by competitive entry, covered all aspects of research including statistical analysis and project management. A project on the availability of care for those affected by Huntington's disease was completed as part of this course.

***European School of Medical Genetics, Genoa, Italy**, 1993. This residential course was accessed by competitive entry and covered all aspects of the science and practice of medical genetics. A certificate of completion was awarded.

My CPD is up to date: I require to read widely, and I regularly attend post graduate genetics meetings, as well as general medical meetings.

I frequently present papers, or I am an invited speaker.

Present Post:

Consultant (appointed January 2008) and **Honorary Senior Lecturer** in Clinical Genetics (appointed December 2003) at NHS Grampian and in the School of Medicine (Medicine and Therapeutics), University of Aberdeen. I help provide the clinical genetics service, and lead the Neurogenetics service in Highland region and Orkney, as well as in Grampian. Our clinics contribute to the vision of NHS Grampian which is to improve the health of those in the region by ensuring equity of access and appropriate clinical management. I make diagnoses, and advise about risks of familial disorders and ensure appropriate testing, screening and management I hold two genetic clinics per week. I hold two adult genetic management clinics each month where I care for patients affected by myotonic dystrophy, neurofibromatosis, spinocerebellar ataxia and Huntington's disease (HD). I have a clinic in Raigmore hospital at least 7 times per year, and 4 clinics in Orkney on an annual basis.

The clinical genetics service is a multidisciplinary service which involves laboratory staff and nurses, database managers and secretarial staff as well as doctors. The routine work of our department involves weekly meetings with these colleagues designed to allow planning for patient investigation and care. In addition I attend our laboratory advisory meeting which is held monthly and I regularly attend meetings with Pathology colleagues to discuss muscle biopsy findings, neuropathology, foetal malformations, and sudden death.

Huntington's Disease

National:

I created the first **Scottish clinic for management of HD** which is recognised internationally and I regularly teach medical and nursing colleagues and trainees on this topic. I provide care for 85% of the affected individuals in this region, as well as for those affected and their families in Highland region. As an expert in this area, I also receive cross boundary referrals from other areas in Scotland, and give advice to doctors and other colleagues elsewhere in the UK. I have devised a

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management plan for those affected by Huntington's disease, and have created a support network of speech and language therapists, dieticians and neuropsychologists who have a special interest and expertise in the management of HD.

I am a founder member of the **UK HD Predictive Consortium** which monitors the practice of predictive and antenatal testing in HD and other neurological disorders in the UK. My advice is sought regularly about the ethical issues involved

I am a founder member of the **UK Huntington's Disease Network** which strives to bring together clinicians with an interest in this disorder and to promote clinical research in this area.

International:

I am regularly asked to teach on **HD management** and my clinic is held as a model. I chair an international working party for the Creation of a Standards of Care for HD, and have published in this field.

I am a **motor trainer for EHDN**, a European network for clinicians working with HD, and the families affected by it. I am an invited member of the working group on end of life care, and a working party which seeks to revisit the guidelines for testing for HD.

I am an **invited advisor to LYBBA**, a communications company based in the USA which is seeking to create a not for profit, web based information resource for families affected by HD.

I was invited to provide expert opinion on the creation of tools for earlier recognition of HD, by a not for profit company **CHDI**, based in New York, which is seeking drugs for the slowing or prevention of onset of HD.

I have been invited on two occasions to help organise the International Meeting for Huntington's Disease (**World Federation of Neurology Huntington's Research Group**). I was invited to join this group 18 years ago. This biennial meeting is held at various international venues, and is for clinicians, scientists and families. Many hundreds of registrants attend these meetings which are a focus for learning, dissemination of ideas, and the establishment of new projects.

Clinical Interest and Responsibilities

* I regularly provide advice by telephone to General Practitioners and other colleagues on familial disease of varying nature, including neurogenetics and cancer.

* My opinion is sought on a regular basis by colleagues on a national and international level on clinical issues in Huntington's disease, and on more general ethical problems encountered in the practice of Clinical Genetics.

* I also regularly provide cover for my consultant colleagues, as well as for the staff grade doctor. This cover entails seeing patients, making decisions about clinical management, dealing with correspondence which is urgent and providing their on call commitment.

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* I regularly participate and take responsibility for audit of DNA sample collections within the department which ensures that they are dealt with appropriately.

* I have been a member of the interviewing panels for our department for a consultant post, senior scientist, specialist registrars, LAT post, clinic receptionist, and a secretarial post.

Previous Posts:

February 1999 – January 2008: Associate Specialist in Clinical Genetics

November 1992 – February 1999: Staff Grade in Clinical Genetics

1990-92: Part-time Health Services Research Fellow in Medical Genetics (funding from the Office of the Chief Scientist)

1987-92: Part-Time Registrar in Medical Genetics (5 sessions, subsequently 7 sessions as a result of funding from the Association to Combat Huntington's Chorea in 1989)

1985-87: Part-Time Research Registrar in Medical Genetics and
Part-Time Clinical Medical Officer in paediatrics at Aberdeen Maternity Hospital

During these two posts I completed a prevalence study of Huntington's disease, and I accomplished an honours degree in Genetics (**BSc**) at the University of Aberdeen (1985 -87)

1982-85: Clinical Medical Officer at the Raeden Centre, and Royal Aberdeen Children's Hospital

1982-85: Clinical Medical Officer in Paediatric Neurology, Royal Aberdeen Children's Hospital

1981-82: Part time General Practice in Aberdeen

1978-81: Part time General Practice in Erskine, Renfrewshire, and at The Princess Louise Hospital for Disabled Ex Servicemen, Bishopton, Renfrewshire (with the Doctor's Retainer Scheme)

1978: Locum Consultant, for one month, Geriatric Unit, Royal Alexandria Infirmary, Paisley

Feb - Aug 1977: Registrar in Psychiatry, Dykebar Hospital, Paisley

Aug 1976-Feb 77: Registrar in Geriatric Unit, Royal Alexandria Infirmary, Paisley

Feb - Aug 1976: Senior House Officer in Medical Paediatrics, Royal Hospital for Sick Children, Yorkhill, Glasgow

Aug 1975-Feb 76: Senior House Officer in Obstetrics, Southern General Hospital, Glasgow

Feb – Aug 1975: House Officer in Paediatric Surgery, Royal Hospital for Sick Children, Yorkhill, Glasgow

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Aug 1974-Feb 75: House Officer in Medicine, Gateside Hospital, Greenock, Glasgow

Committees and Working Parties

* **Chair** (2005 -current) of one of two **North of Scotland Research Ethics committees**.

* In 2005 I represented Grampian at the **Scottish Ethics Advisory Group** meetings. We created a report advising the Scottish Parliament about the implications of the Warner report for the current and future practice of Research Ethics committees in Scotland.

* **Chair** (2005 –current) **Working Group on Standard of Care of Huntington’s disease for European HD Network (EHDN)**. This Network is an international research group which provides a platform for professionals and people affected by HD. It supports a research register, working and research groups. We are working with Sir Michael Rawlings of NICE, and at an international level in the production of these guidelines.

***Member of Organising Committee** and Programme Committee for **World Congress on Huntington's disease** meeting, Manchester, UK, 2005.

***Member of Organising Committee** and Programme Committee for **World Congress on Huntington's disease meeting**, Vancouver, Canada, 2009.

***Member** of Clinical Steering Group, **UK Huntington's Disease Research Network** (current)

* I was an **invited member** of a **working group in Neurogenetics** established by the Clinical Genetics Society and Association of British Neurologists (2001 - 2003) to examine the provision of genetic services for neurological disorders and to determine how services might be improved in the National Health Service. The first national meeting of Neurogeneticists in the UK took place in July, 2004 as a result of this initiative.

***Invited Advisor** to **Lloyds TSB Foundation for Scotland** (Criteria 2000 Group). This group regularly supports charitable initiatives and sought advice about how best their support might be given to medical projects.

***Chair, Medical Advisory Group (Scotland) British Association for Adoption and Fostering (BAAF)** 1997 -2001. This group advised on medical issues in adoption. I was responsible for raising the importance of taking a full family history when children are put for adoption so that their medical care might be appropriately planned.

* I was **leader** of a subgroup for Huntington’s Disease in the **Scottish National Clinical Genetics Project** which sought to establish national clinical guidelines and integrated care pathways for five conditions (tuberous sclerosis, Huntington's disease, myotonic dystrophy, neurofibromatosis type 1, and Marfan syndrome. I was also a member of the Marfan group (1996-99).

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* I was an **invited member** of a group commissioned by the **Scottish Office** (1999), to investigate care needs of Huntington's disease, Early Onset Dementia and Brain Injury. I am a coauthor of the **Scottish Needs Assessment Programme** Report published by the Office for Public Health in Scotland.

* **Invited Adviser** to **Parliamentary Scottish Affairs Committee on Huntington's Disease**, 1998.

* **Adviser** to the **Parliamentary Group for the Chronic Sick and Huntington's Disease** 1994

* I am a **founder member** of the **UK Huntington's disease (HD) Prediction consortium** and helped devise and introduce the presymptomatic predictive test (PPT) protocol for HD in Grampian in 1987, and this model is still used. It has been adapted for the presymptomatic predictive testing service for familial cancer. I collect the data nationally (and recently also for Europe) for prenatal tests in the HD patients. The consortium monitors tests in HD and I have published 3 papers and 2 book chapters on their behalf.

* **Chair** of the **Professional Advisory Committee of the Scottish Huntington's Association** 1989 – 2001.

* **Director**, Scottish Huntington's Association 1989 – 2001

* **Invited member** of **Huntington Study Group (HSG) of United States of America**, Credentials Committee February 2009. This committee regulates the membership of HSG, and sets the standards to which their membership should aspire.

Membership of Professional Groups

* **Member** British Society of Human Genetics

* **Member** of World Federation of Neurology, Huntington's Disease Research Group

* **Member** of local BMA negotiation committee (LNC). (July, 2004 - 2006)

* **Founder and current member** of the United Kingdom Huntington's Disease Prediction Consortium

* **Member** of European Huntington's disease Network (EHDN)

* **Member** of the **Genethics Group of the British Society of Human Genetics** which seeks to inform and support those who meet ethical dilemmas during their work in Clinical Genetics.

* **Member** of **Neurogenetics Club** of UK

Research including Grants and Awards

- * 1985-89: The prevalence of Huntington's disease in Grampian Region, funded by Grampian Health Board.
- * 1989-90: The evaluation of the service for presymptomatic testing and counselling in Huntington's chorea, funded by Grampian Health Board and The Association to Combat Huntington's Chorea.
- * 1990-91: An Assessment of Genetic Counselling - its Psychological and Health Education Impact, funded by Grampian Health Board with Professor David Alexander and Dr John Dean.
- * 1990-92: A Study of the Care and Resources available to Huntington's Disease Families in Scotland, Health Service Research Training Fellowship, funded by the Scottish Home and Health Department.
- * 1992: A study of Huntington's disease in Grampian region; 1989-92, leading to the postgraduate degree of MD.
- * 1992: A study of the problems of genetic disease and adoption, in collaboration with the British Agencies for Adoption and Fostering.
- * 1993: Scottish Hospitals Endowments Trust (SHERT) travel grant to visit the laboratories of James Gusella in the Molecular Neurogenetics Unit in Boston, USA.
- * 1993: British Council Travel grant to enable me to attend the European School of Medical genetics in Italy, and to meet with possible research collaborators in Genoa.
- * 1993-94: A collaborative research project with Dr Paul Trayhurne, Rowett Institute, to investigate weight loss in Huntington's disease, funded by Scottish Huntington's Association.
- * 1995 -The use of Speech Therapy in Huntington's disease; a study with John Moore, Clinical Psychologist, and Alison MacDonald, Speech Therapist, both of Aberdeen Royal Hospitals, funded by Scottish Huntington's Association.
- * 1995-98: ACTR Medical Research Fellowship Scheme (with Professor David Alexander, department of Mental Health): Consequences for partners of those who have undergone presymptomatic predictive testing for Huntington's disease.
- * 1993 - 1997 : Collaborator in the European Network for Striatal Transplantation in Huntington's disease, funded by the EC Biomed 1 Programme.
- * 1995: Collaboration with Dept of Cellular Neurobiology in Harvard Medical School Boston, USA; on the neurobiology of Huntington's disease.
- * 1995: Award from British Council to allow collaboration (including travel) between Clinical Genetics colleagues in Prague, Czech Republic, and myself, to collaborate in the provision of a Presymptomatic Predictive Test Programme for Huntington's disease in Czech.

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- * 1995-1999: Collaborator in International Breast Cancer Intervention Study, funded by United Kingdom Co-ordinating Committee on Cancer Research.
- * 1998-2001: Collaborator on 'A European Collaborative Study on prenatal testing for Huntington's disease: the psychological, ethical and legal complexity of prenatal testing for a late onset disease. Funding: Biomed 11/ELSA
- * 1999 -2002: To tell or not to tell: passing on genetic knowledge to family members. Principal grant holder, funding from Wellcome Trust.
- * 2001 – 2004: Testing hierarchical neuropsychological models of psychosocial functioning in Huntington's disease. John C Crawford, Sheila A Simpson. Funded by the Scottish Huntington's Association.
- * 2000-2001: Improving management of Huntington's disease. Funded by the Scottish Huntington's Association.
- * 2002 - 2004: The Genome Generation: growing up at risk of a late onset genetic disease. Principal grant holder funded by the Wellcome Trust.
- * 2003 –2005: The evaluation of Scandishake as a dietary supplement in Huntington's disease. Funded by SHS International. Principal investigator and grant holder.
- *2005-2008: **Predict HD** European Initiative for Neurological Predictors of Huntington's disease. Funded by NIH, USA, and the High Q Foundation, USA. Lead local clinician and local principal investigator.
- * 2005: Evaluation of Ethyl PA as medication for Huntington's disease. Local principal investigator **Amarin**.
- * 2005 – 2114 A Huntington's disease registry. Funded by Dunhill Trust. Lead local clinician
- * 2008 – 2009 A survey of the current use of pharmacological treatments for juvenile Huntington's disease (JHD) in the UK.
- *2005 - current: Member, **The European Huntington's Disease Network (EHDN)**
- *2005- current. Chair and PI Standards of Care working group for EHDN.
- *2008 -2009 Local principle investigator for Clinical Trial of ACR16 as treatment of Huntington's disease

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Publications

Johnston AW, **Simpson S** (1986) Huntington's chorea - Advances in Diagnosis. Aberdeen Postgraduate Medical Bulletin, 20,2,7.

Simpson S, Johnston AW (1987) A Study of Huntington's Chorea in Grampian Region. J Med Genet 24, 243.

Simpson SA, Cole G (1988) A Problem Family. European Journal of Paediatrics 147, 6, 671.

Simpson SA, Johnston AW (1989) Prevalence and Patterns of Care of Huntington's Chorea in Grampian Region. Br J Psychiatr 155, 799 - 804.

Haites N, Fairweather N, Clark C, Kelly K, **Simpson S**, Johnston AW (1989) Linkage in a Family with X - Linked Charcot- Marie- Tooth Disease. Clin Genet 35, 399 - 403.

Kelly KF, Haites NE, Johnston AW, **Simpson S** (1989) DNA Probes in the Diagnosis of Genetic Disease. Aberdeen Postgraduate Bulletin 23, 2, 5 - 7.

Simpson S, Smail P, Dean J, Haites N, Johnston AW (1989) Genital anomalies, polydactyly, and retinitis pigmentosa: a new syndrome? J Med Genet 26, 3, 211.

Simpson S, Beaven R (1990) Counselling at a Distance in the Prenatal Diagnosis of Ectrodactyly. J Med Genet 27, 10, 659.

Dean JCS, **Simpson S**, Cole GF, Dunne K (1991) A Scottish Child with Kabuki Makeup Syndrome. J Med Genet 28, 8, 555.

Simpson SA, Besson J, Alexander D, Johnston AW (1991) Huntington's Disease in North East Scotland: Predictive Testing and Sex Ratio. Am J Hum Genet 49, 4, 164.

Pflanz S, Besson JAO, Ebeimer KP, **Simpson S** (1991) The Clinical Manifestation of Mental Disorder in Huntington's Disease: a Retrospective Case Record Study of Disease Progression. Acta Psychiatr Scand 83, 53 - 60.

Dean JCS, **Simpson S**, Couzin DA, Stephen GS (1991) Interstitial Deletion of Chromosome 13: Prognosis and Adult Phenotype. J Med Genet 28, 533 - 535.

Simpson SA, Besson J, Alexander D, Allan K, Johnston AW (1992) One Hundred Requests for Predictive Testing for Huntington's Disease. Clin Genet 41, 326 - 330.

Simpson S (1992) Confidentiality within Medical Genetics. Brit J Hosp Med 47, 7, 521 - 522.

Scrimgeour EM, **Simpson SA** (1992) Huntington Disease in Black African Populations. Human Genetics 90, 186 - 187.

Simpson SA (1992) Huntington's Disease in Grampian Region. MD Thesis, University of Aberdeen.

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Reik W, Maher ER, Morrison PJ, Harding AE, **Simpson SA** (1993) Age at Onset in Huntington's Disease and Methylation at D4S95. *J Med Genet* 30, 3, 185 - 188.

Turnpenny PD, **Simpson SA**, McWhinnie AM (1993) Adoption, Genetic Disease and DNA. *Archives of Disease in Childhood* 69, 4, 411-413.

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Simpson SA, Harding AE (1993) Predictive testing for Huntington's disease: after the gene *J Med Genet* 30, 1036-1038.

Simpson SA, Davidson MJ, and Barron LH (1993) Huntington's disease in Grampian region: correlation of the CAG repeat number and the age of onset of the disease. *J Med Genet* 30, 1014-1017.

Simpson SA. Testing for Huntington's disease. *Professional Nurse*, 455, April, 1993.

Simpson SA, Dean JCS, Haites NE (1994) Genetic Testing of Adult Onset Disease. *BMJ* 308, 6927, 535.

Simpson SA, Alexander DAA (1994) Predictive Testing in Adult Onset Diseases. *Medizinische Genetik* 3, 349, 1994.

Jones CT, Swingler RJ, **Simpson SA**, Brock DJH (1995) Superoxide dismutase mutations in an unselected cohort of Scottish amyotrophic lateral sclerosis patients. *J Med Genet* 32, 4, 290-292.

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Rubinsztein, David C, Jayne Leggo, Rhian Coles, Elisabeth Almqvist, Valerie Biancalana, Jean-Jacques Cassiman, Kokila Chotai, Margaret Connarty, David Craufurd, Anne Curtis, Diana Curtis, Mark J. Davidson, Anne-Marie Differ, Catherine Dode, Alan Dodge, Marina Frontali, Neal G. Ranen, O. Colin Stine, Meeia Sherr, Margaret H. Abbott, Mary L. Franz, Colin A. Graham, Peter S. Harper, John C. Hedreen, Anthony Jackson, Jean-Claude Kaplan, Monique Losekoot, John C. MacMillan, Patrick Morrison, Yvon Trottier, Andrea Novelletto, **Sheila A. Simpson**, Jane Theilmann, Joanne L. Whittaker, Susan E. Folstein, Christopher A. Ross, and Michael R. Hayden (1996) Phenotypic Characterisation of Individuals with 30-40 CAG Repeats in the Huntington's Disease (HD) Gene Reveals HD cases with 36 Repeats and Apparently Normal Elderly Individuals with 36-39 Repeats. *American Journal of Human Genetics*, 59: 16 - 22, 1996

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Forrest K, **Simpson SA**, Haites NE, Van Teijlingen E, Wilson B, McKee L (2000) To tell or not to tell: The passing on of genetic knowledge to family members. Abstract in *J Med Genet* 37, (suppl 11):A 15

Kidd A, **Simpson SA**, Coleman R, Haites NE, Whiteford M, Barron L (2001) Breast Cancer in two Sisters with Friedrich's Ataxia. *Eur J Surg Oncol*. 2001 Aug; 27(5): 512-4

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Simpson SA, Zoetewij MW, Nys K, Harper P, Durr A, Jacopini G, Yapijakis C, Evers-Kiebooms G. (2002) Prenatal testing for Huntington's disease: a European collaborative study. *Eur J Hum Genet*. Nov; 10(11): 689-93

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The NEST-UK consortium: AE Rosser, RA Barker, T Harrower, C Watts, M Farrington, RM Burnstein, AK Ho, JH Gillard, J Pickard and SB Dunnett, R Armstrong, G Berrios, T Donovan, S Elneil, C French-Constant, JR Hodges, R Holt, C Hurrelbrink, H Hutchinson, M Jain, N Kennedy, DK Menon, C Palmer, A Prentice, BJ Sahakian, K Smith, S Thornton, AJ Wagle, L Watkins, T Wreghitt, **S A Simpson**, J Moore; P Morrison, P Harper, R Harper, AL Jones, R Gentry, H Barton D Craufurd, J Snowdon, J Thompson DJ Brooks, P Piccini, N Pavese Unilateral transplantation of human primary foetal tissue in four patients with Huntington's disease: NEST-UK safety report : J Neurol Neurosurg Psychiatry. 2002 Dec; 73(6):678-85.

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Milders M, Crawford J, Lamb A, **Simpson SA** 2003: Differential deficits in expression recognition in gene-carriers and patients with Huntington's disease *Neuropsychologica*, 41(11): 1484-92.

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Forrest Keenan K, **Simpson Sheila**. Wilson, Brenda; Van Teijlingen, Edwin; Mckee, Lorna; Haites, Neva; Matthews, Eric¹'It's their blood not mine'. Who's responsible for (not) telling relatives about genetic risk? (2005) *Health Risk and Society*, Volume 7, Number 3, September 2005, 209-226.

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Jane S. Paulsen, Chiachi Wang, M.S., Kevin Duff, Roger Barker, Martha Nance, Leigh Beglinger, David Moser, Janet K. Williams, **Sheila Simpson**, Douglas Langbehn, Dan van Kammen. Challenges assessing clinical endpoints in early Huntington's disease. Submitted *Annals of Neurology* July 2009.

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Other publications

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1992: A study of Huntington's Disease in Grampian region; 1989-92, leading to the postgraduate degree of MD

Chapters

Simpson SA, 1994 Psychiatric and Learning Disorders, in The Adoption Process and Genetic Disease. BAAF publishing group, London.

Simpson SA. 1998 A Genetic Perspective. Truth and the Child - 10 years On. British Association of Social Workers.

Simpson SA. 2002 Huntington's disease and reproductive decision making in prenatal testing for late onset neurological diseases. Editors: Gerry Evers-Kiebooms, Moniek Zoetewij & Peter Harper. BIOS, publishers.

Academic Responsibilities

* **Honorary Senior Lecturer**, University of Aberdeen

* **Member of Admissions Committee** for Faculty of Medicine, University of Aberdeen

* **Member of Student Progress Committee**

* **University Regent**

* **Referee** for Journal of Medical Genetics

* **Referee** for Clinical Genetics

* **Referee** for European Journal of Neurology

* **Referee** for European Journal of Human Genetics

* **Referee** for Prenatal Diagnosis

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- * **Referee** for Journal of Neurology, Neurosurgery and Psychiatry
- * **Referee** for Adoption and Fostering
- * **Referee** for the Wellcome Trust
- * **Assessor** for NHS Wales Research and Development Grants
- * **Assessor** for Health Services and Public Health Research Board (MRC)
- * **Referee** for Wellbeing (Health Research Charity)
- * **External Examiner** University of Cambridge

Teaching Experience

I am regularly invited to teach and present in my field of clinical genetics, both in the UK and internationally. I am recognised as an authority in HD, the psychosocial aspects of genetics, and ethical issues in genetics.

Undergraduate

- * Clinical teaching to medical undergraduates, student nurses
- * Formal teaching in tutorials and lectures to senior medical students and nursing staff
- * Teaching BSc Med Science/ BSc Health Sciences as part of genetics/ethics teaching
- * Theme leader in phase 3 Ethics teaching to medical students (since 1998)
- * Supervision of Medical Student Elective Projects

Postgraduate

- * I supervise and teach junior staff, and I am an **Educational Supervisor** for our specialist trainees.
- * Contribution to postgraduate education for General Practitioners and specialist trainees in Psychiatry, Neurology and Nursing.
- * Talks and teaching for various professional, paramedical and lay groups covering issues of genetics and ethics.
- * Organisation and conducting teaching sessions in genetics for social workers
- * Supervision of 4 PhD students

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Selected invited Oral Presentations

2008 Keynote Speaker at Symposium In Oslo, Norway at the retrial Of Professor Arvid Heiberg

Keynote Speaker, European Huntington's disease Network Meeting, Dresden, Germany, September, 2007

2006: Symposium in Palliative Care, Aberdeen. Huntington's disease.

Keynote speaker at the World Federation of Neurology Huntington's Disease research meeting, Manchester in September 2005.

2004: Scottish Institute for Biotechnology Education, Aberdeen meeting. The New Genetics.

2003: Clinical Neurosciences, the University of Edinburgh. Huntington's disease.

2001: Predictive testing in Huntington's disease. World Federation of Neurology Huntington's Disease research meeting. Copenhagen, Denmark.

1997: Aetiology of Huntington's disease. Annual General Meeting of Scottish Pharmacists

1997: Genetics and the Adoption Process. Annual General Meeting of British Agencies for Adoption and Fostering

1996: Frontline Scotland: a television documentary on Genetic Prediction.

1994: Invited speaker to a Parliamentary group on chronic Young Sick (including HD), Westminster, London.