

Annual Report 2008

The Daphne Jackson Trust 

Working towards a **brighter future**



The Daphne Jackson Trust

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Chairman's Introduction



The Daphne Jackson Trust had a successful year in 2008 seeing another increase in numbers of Fellowships awarded.

During a year in which some may have thought the global economic problems would have a negative impact on the charitable sector, the Trust has continued to drive forward the agenda of returners, highlighting the fact that the need to return skilled scientists to the workforce is greater than ever. Despite the economic downturn the Trust continues to work with an impressive number of Sponsors whose continued support is essential for the growth that we have seen over the past year.

The results of last year's efforts to increase the numbers of Trustees and sponsors have been impressive. During the year we welcomed seven new Trustees who bring a range of expertise with them. This is a crucial time in the Trust's development and the Trustees have a key role in ensuring the continued success and reputation of the Trust. Having worked very hard to encourage the involvement of all UK Universities, the Trust is now seeing the results with an ever increasing number of Universities sponsoring and hosting Fellowships.

It is always a great pity to lose Trustees who have worked hard for the Trust over a number of years and during 2008 we said farewell to Dr Mary Harris and Mrs Dorothy Hatfield. Both Trustees are members of the Women's Engineering Society and have put a huge amount of time and effort into their work with the Daphne Jackson Trust.

The dedication and time given by all those who work for and support the Trust, especially on a voluntary basis, is very much appreciated. I would like to thank everyone who has worked so hard in 2008.

Professor Christopher Snowden
FRS FREng FIEE FIEEE FCGI
Chairman of the Daphne Jackson Trust

The Daphne Jackson Trust in 2008

This has been another very positive year for the Daphne Jackson Trust as it continues to forge ahead as the only organisation in the UK solely dedicated to returning scientists, engineers and technologists to their careers after a break.

During the year twenty three new Fellowships commenced at universities and research establishments around the UK. These Fellowships span the range of subject areas in science, engineering and technology (SET) from the study of bats and the ecology and conservation of fish stocks to the Large Hadron Collider in CERN.

The success of the Trust is dependent on its Fellows and these remarkable returners show a dedication and commitment to their careers from the initial stages of the application process. Returning to a career in SET research is not an easy option and many Fellows will experience both highs and lows during their time as a Daphne Jackson Fellow. For many there are challenging obstacles to overcome on the path back to a successful career and many suffer from a lack of confidence initially as this typical comment shows, *"After so many years yearning to return to work in science I was awarded a Fellowship. I have changed subject, so there has been a great deal to learn and re-learn. Going back to work in the lab and reading papers was daunting, scary and difficult."*

However, having commenced a Fellowship most realise very quickly that they are back doing what they love, *"What a boost this first year as a Daphne Jackson Fellow was! Professionally, I now feel back on track with the prospect of a thrilling new career in climate-change ecology."*

"What a boost this first year as a Daphne Jackson Fellow was!"

Professionally, I'm now back on track with the prospect of a thrilling new career in climate-change ecology"

Retraining

One of the elements of a Daphne Jackson Fellowship is the individual training programme devised by the Fellow to increase their employability. Training needs will vary depending on the length of career break and the research topic, as well as whether a Fellow needs to change their field of expertise slightly to broaden career prospects. Fellows are encouraged to consider future career options at all stages of the application process and Fellowship. All Fellows need to undertake 100 hours of training in each year of the Fellowship and this can comprise of lectures and courses offered by the host institution, learning new experimental techniques, attendance at summer schools and conferences as well as skills courses offered by the Trust.

During 2008 the Trust ran a very successful presentation skills course at the University of Surrey. Helen Roome helped a group of seven Fellows to sharpen their ability to make effective presentations. These courses also offer an excellent opportunity for the Fellows to network with one another.

Collaborations

The Trust continues to maintain excellent relationships with many other organisations working in areas of science, engineering and technology. Trust staff attended a number of events throughout the year as it is very often the case that meeting the right person at an event will lead to securing sponsorship or a useful collaboration. The Trust Director and Press and Public Relations Manager are frequently invited to speak at events and conferences highlighting the needs of returners and the excellent work of the Trust.

Sponsorship

The need to secure sponsorship for Fellowships never diminishes, and throughout the year the Trust Director has worked tirelessly to encourage new sponsors to become involved with the Trust. During 2008 there was a major push to encourage all the UK Universities to become involved with the Trust by hosting and sponsoring Fellows. Several Universities have made new pledges of support to the Trust and others have renewed their support.



Mrs Jennifer Woolley, Trust Director, with Daphne Jackson Trust Fellows at the presentation skills course at the University of Surrey



Mrs Helen Roome, Dr Autumn Rowan-Hill, Daphne Jackson Co-ordinator and Professor Margaret Rayman, Daphne Jackson Trustee chat at a networking event

Raising Awareness

Trust staff continue to raise awareness of the need for organisations to place more emphasis on the benefits of employing returners. Many of the Daphne Jackson Fellows and past Fellows assist in publicity by speaking at events or being profiled in the media.

The media is an excellent way to reach a large audience and the following list gives a sample of some of the publications and websites where the Trust was mentioned in 2008:

Research Fortnight, the Guardian, Materials Today, BBC Radio Kent, Pfizer Newsletter, Cambridge AWISE, Connect Newsletter, University of Cardiff Newsletter and website, Opportunity Now Newsletter, UKRC newsletter, Euroscicon meeting proceedings, BA Newsletter, Mums in Science website, Aberdeen University website, Netmums website, Oxford University website, Ulster University website, Bath University website, Imperial College website, Bangor University website, NESTA website, Research Council websites, International Women's Month website, WES website, Women in technology website.

The Daphne Jackson Trust in 2008

BA Annual Festival of Science

The Daphne Jackson Trust joins forces with the Wellcome Trust to champion Returners!

The Daphne Jackson Trust and the Wellcome Trust held a joint event at the BA Festival of Science 2008 in Liverpool in September. This year the event, organised by the Trust with sponsorship from the Wellcome Trust, was in two parts with an afternoon workshop, followed by an evening reception at the Foresight Centre. The advanced presentation skills workshop was aimed at current and past Daphne Jackson and Wellcome Trust Research Career Re-entry Fellows. Professor Margaret Rayman, a Daphne Jackson Trustee and former Fellow, hosted the evening reception.

The reception was a fantastic showcase for the talents and success of returners to science careers. The Daphne Jackson Trust now has four past Fellows who have been awarded personal Chairs and many others are well on their way to such an accolade. Professor Margaret Rayman is one of these Fellows and was awarded a Personal Chair in Nutritional Medicine in the Faculty of Health and Medical Sciences at the University of Surrey.

Margaret had a rather lengthy career break to bring up her two children and only returned to research in the mid 1990s when her children were teenagers. Now, 14 years after finishing her Fellowship, Margaret has reached the top of her profession and is a world renowned researcher on selenium in the diet, as well as being a Trustee of the Daphne Jackson Trust.

Dr Helen Arthur from the Institute of Human Genetics at Newcastle University gave a presentation titled 'A Broken Career Can Be a Successful Career', during which she spoke about her career before and after an 11 year break to bring up three children. She was awarded a Wellcome Trust Research Career Re-entry Fellowship in 1997 and has enjoyed a flourishing career since then.

Dr Gillian Sebestyen Forrester is a past Daphne Jackson Fellow who is now in the Department of Psychology at the University of Sussex. Gillian has recently completed her Fellowship and is at the start of her return to an academic career. She acknowledged some of the pitfalls that can be a problem for returners and also how the schemes offered by the Daphne Jackson Trust and the Wellcome Trust offer the only hope of a successful career for many returners.



Dr Helen Arthur, Past Wellcome Trust Research Career Re-entry Fellow



Professor Margaret Rayman, Daphne Jackson Trustee



Dr Gillian Sebestyen Forrester, past Daphne Jackson Fellow

Cheltenham Festival of Science

The Cheltenham Science Festival, held in June each year is always a popular event with family groups, one of the Trust's major target audiences.

It provides excellent networking opportunities with celebrity scientists, the media and cutting edge scientists mixing and chatting with the general public. This year the Trust sponsored the event 'BBC Earth: the Power of the Planet' with Iain Stewart, and had a display stand in the marquee next to the Waterstones café. Networking opportunities are still one of the major reasons for attending the Festival and each year the Trust makes good contacts and potential sponsorship leads.



The Daphne Jackson Trust stand at the Cheltenham Science Festival

Below: Dr Iain Stewart chats to a young audience member after the event



New Trustees and Sad Farewells

It was with great pleasure that the Trust welcomed seven new Trustees to its board, but also said a sad farewell to two Trustees. Dr Mary Harris and Mrs Dorothy Hatfield, both members of the Women's Engineering Society, stepped down and the Trust would like to thank them for all their hard work over a number of years. Dorothy Hatfield will, however, continue to be an active member of the Awards Committee.

The Trust looks forward to working with its new Trustees in the years to come. Six Trustees joined in March 2008, Professor Richard Barnett, Dame Fiona Caldicott, Professor Julia Goodfellow, Professor Dame Louise Johnson, Ms Helen Stone and Professor John Wood, with Ms Lynne Graham joining in December 2008.

Fellows in post 2008

Fellowships that commenced in 2008



Name Dr Yael Harel
Started Fellowship in January 2008
Subject Plant Genetics
Host University of Leeds, Institute of Molecular and Cell Biology
Sponsor Biotechnology and Biological Sciences Research Council (BBSRC)

When I started my Fellowship, I actually felt for a few months as if a window had been finally opened: I was not just a "mother" anymore, I was back on the track of science! Well in my second year of research, I can say that I have completely regained my confidence as a valuable scientist, with my work leading soon to the submission of a publication and a poster presentation at the next International Conference on Arabidopsis Research.



Name Dr Uliana Bashtanova
Started Fellowship in January 2008
Subject Plant Biology
Host University of Sussex, School of Life Sciences
Sponsor The Leverhulme Trust

The Daphne Jackson Fellowship has opened new horizons for me: it is an opportunity to learn something cutting edge such as proteomics and apply it to my favorite subject – plants. During my first year I did a comprehensive hands-on training course on Ettan DIGE held at the University of Sussex by Dr. Nick Harpham. It is a new technique which allows finding differences in proteins concentration using coloured dyes, and was only recently introduced into two dimensional proteomics to make it quantitative. Now I am looking forward into my second year, when I can apply DIGE in my own research.



Name Dr Isabelle Durance
Started Fellowship in January 2008
Subject Ecology
Host Cardiff University, School of Biosciences
Sponsor Natural Environment Research Council (NERC)

What a boost this first year as a Daphne Jackson Fellow was! Professionally, I now feel back on track with the prospect of a thrilling new career in climate-change ecology. With state of the art training, brilliant academic support and new publications, the future is looking good. A great eye-opener for me was realising the importance that Daphne Jackson Fellows have as role models. Thanks to a nomination by Cardiff University in the 'Welsh Women of the year Awards' I have the opportunity to pursue the Daphne Jackson ethos of supporting women back to work with Welsh charities like Chwarae Teg (Women & Workplace Innovation) and Oxfam Cymru. The Fellowship is turning out to be a genuine life-changing experience.



Name Dr Harith Saleh
Started Fellowship in January 2008
Subject Physics
Host University College London, Department of Electronic and Electrical Engineering
Sponsor University College London

I have really enjoyed the first year of my Fellowship. It helped me gain more confidence as well as providing me with the chance to develop more scientific skills and experience. It also provided me with the opportunity to re-enter a research field of high interest and activities. I now have a paper published and have been collecting lots of data. I would like to say thank you to the Daphne Jackson Trust and University College London for offering me this excellent opportunity.



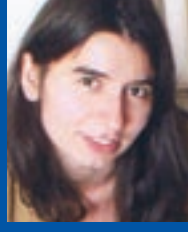
Name Dr Medha Pandit
Started Fellowship in January 2008
Subject Electronic Engineering
Host University of Surrey, Centre for Vision, Speech and Signal Processing
Sponsor Engineering and Physical Sciences Research Council (EPSRC)

This was my first year of Fellowship after a career break of 5 years. I am very pleased that the Fellowship has given me an excellent opportunity to come back and retrain myself in a friendly and supportive environment at the University of Surrey. During this period, I have attended a few MSc courses to refresh and update my knowledge in the field of Computer Vision and Speaker Recognition. I also participated in the presentation skills course and a technical conference, which boosted my confidence level a lot. Based on the knowledge gained, I am looking forward to achieving my research goals in future.



Name Dr Ruth le Sueur
Started Fellowship in January 2008
Subject Chemistry
Host University of Durham, Department of Chemistry
Sponsor Rolls-Royce

I have been surprised and pleased at how many skills have returned to me after such a long gap. I am enjoying taxing my brain again and I look forward to going into the department every day. The summer school that I attended at Oxford in September was particularly inspiring, and I now feel even more certain that I want to continue doing research of one sort or another. I feel so fortunate that the Daphne Jackson Trust has given me this opportunity.



Name Mrs Raffaella Tate-Zaccarini
Started Fellowship in January 2008
Subject Biomedical Sciences
Host University College London, Institute of Ophthalmology
Sponsor University College London

I returned to work in January 2008 after a break of three years during which I looked after my son Joseph. Before applying for the Daphne Jackson Fellowship scheme I was concerned and worried by the idea of returning to work as I knew I would have to sacrifice being next to my son, since the possibility to undertake part-time research at a post-doctoral level is rare in academia. This part time Fellowship has been the best choice for me and I will always be extremely grateful to all the people working so hard for the Trust that have enabled me and many more mothers to manage work and family life. I can say that this choice has worked perfectly for me so I don't have to sacrifice either aspect of my life.



Name Ms Nancy Irwin
Started Fellowship in February 2008
Subject Genetics
Host University of York, Department of Biology
Sponsor Natural Environment Research Council (NERC)

After a six-year career break, I was unsure how quickly I would be able to pick up my research skills again. I have found with support and encouragement from the Trust, my previous work colleagues and supervisor that I have been able to re-train, and develop in a relatively short time. Highlights of this year include, working with an international group on 3 publications now accepted, working on 3 more publications, developing and submitting a large collaborative European grant and presenting my work at three domestic and international conferences. I have been genuinely surprised by how supportive the scientific community has been to enable me to resume my career. I am especially grateful to the University of York and the Daphne Jackson Trust for giving me this opportunity. I have enjoyed and benefited greatly by the training offered by both. I even put the media training into action in a recent local BBC York radio interview where I was able to discuss the unique work that the Trust is doing to get career returners back into SET.



Name Dr Nerissa Marziano
Started Fellowship in February 2008
Subject Biology
Host University of Kent, Department of Biosciences
Sponsor Biotechnology and Biological Sciences Research Council (BBSRC)

Being awarded a Daphne Jackson Research Fellowship provided me with a fantastic opportunity to return to working in research. I was really looking forward to the start of my Fellowship, and any initial nerves I had quickly disappeared once I got into the lab and found that I had not forgotten all of my skills. The first year has gone well, and with the help and support of my supervisor, I have managed to increase my confidence in working independently and presenting my work to fellow scientists. I am truly enjoying my Fellowship and feel confident and capable again of contributing to scientific research.



Name Dr Maria del Carmen Alvarez
Started Fellowship in March 2008
Subject Marine Biology
Host University of Hull, Institute for Estuarine and Coastal Studies
Sponsor Natural Environment Research Council (NERC)

I have been a Fellow for a year and have thoroughly enjoyed it. It has been hard work to get training in a completely different field and I still feel I have so much to learn, but I am glad to see I still have the brain capacity to do this. I am refreshing my statistics skills and preparing to take a few more courses. Things are moving very fast now and I am excited to see how it all goes.

Fellows in post 2008

Fellowships that commenced in 2008 continued



Name Dr Nayna Vyas-Patel
Started Fellowship in April 2008
Subject Biomedical Sciences
Host Imperial College at Silwood Park, Department of Biology
Sponsor Imperial College London

Molecular biology techniques occupied the first half of my year. This was followed by many attempts to refine a technical hitch and finally using a straightforward biological experiment, assessing the impact of host age on parasite infectivity and growth. I felt fortunate returning to the field of parasitology, mosquitoes and malaria control at Imperial College, Silwood Park. It was good to have the opportunity to attend some stimulating lectures as well as take part in some excellent post doctoral courses, designed specifically for women at Imperial College.



Name Mrs Alma Lopez-Tolman
Started Fellowship in April 2008
Subject Biochemistry
Host University of Reading, School of Biological Sciences
Sponsor Biotechnology and Biological Sciences Research Council

After so many years yearning to return to work in science I was awarded a Fellowship. I have changed subject, so there has been a great deal to learn and re-learn. Going back to work in the lab and reading papers was daunting, scary and difficult. After the first year I am enjoying the work, feel more relaxed and can once again look into the infinitely small universe of fascinating molecules which work with such simplicity and elegance to perform their tasks.



Name Dr Svetlana Tishkovskaya
Started Fellowship in May 2008
Subject Statistics
Host University of Sheffield, Department of Probability and Statistics
Sponsor Natural Environment Research Council (NERC)

I have really enjoyed the first year of my Fellowship and the challenges of research in a new field. The training in the area of computational statistics helped me to develop new skills which have brought me into line with cutting edge research of modern statistics. I had the opportunity to attend a Statistical Ecology Conference at the beginning of my Fellowship. It was a very inspiring meeting, motivating my own research in this field. My supervisor has been very supportive throughout the year and I very much enjoy working with him.



Name Dr Juianne Struve
Started Fellowship in June 2008
Subject Environmental Sciences
Host Imperial College, Division of Biology
Sponsor Imperial College, London

My Fellowship, which started in June, 2008 is a great opportunity to study the ecology and conservation of fish stocks in Florida in a very lively research group. I used the first months to get to know my new field and to teach myself some essential mathematical modelling skills. I outlined my proposal in a poster presentation at the 7th William R. and Lenore Mote International Symposium in Fisheries Ecology and feel that I am now prepared to develop my project in depth.



Name Dr Kenneth Hamilton
Started Fellowship in July 2008
Subject Chemistry
Host University of East Anglia, School of Chemical Sciences and Pharmacy
Sponsor Engineering and Physical Sciences Research Council (EPSRC)

The past year has proved quite a challenge. After twenty-five years in industry and then a six-year break from science, finding my feet in an academic setting has not always been easy. My project has however proved very stimulating, and we have now heard that EPSRC funding is available to continue from the end of my Fellowship. The year ahead will provide new challenges, with travel to Milan to work on photochemistry, and a PhD student to introduce to the project.



Name Dr Anjana Halder
Started Fellowship in July 2008
Subject Biochemistry
Host University of Southampton, Centre for Proteomic Research
Sponsor Biotechnology and Biological Sciences Research Council (BBSRC)

I am immensely grateful to the Daphne Jackson Trust for awarding me this Fellowship which enabled me to get back to research after a very long career break (more than 15 years!). I have just completed my first year, which just flew by. I am thoroughly enjoying my experience of learning and re-learning techniques, working on an exciting project, in a very supportive atmosphere.



Name Dr Zsuzsana Bodi
Started Fellowship in September 2008
Subject Plant Science
Host University of Nottingham, School of Biological Sciences
Sponsor Biotechnology and Biological Sciences Research Council (BBSRC)

It is wonderful to have an idea, and be able to test it at the bench. The most important thing about my Fellowship is the great intellectual joy of being able to understand an entirely new concept in molecular biology, and taking part in working out something new and different. I am trying to enjoy every moment of my Fellowship, and make the most of it. This fantastic opportunity has only been possible by the support of Daphne Jackson Trust.



Name Dr Vanessa Cheel
Started Fellowship in September 2008
Subject Materials Science
Host University of Oxford, Begbroke Science Park
Sponsor Engineering and Physical Sciences Research Council (EPSRC)

I am based at the Begbroke Science Park, part of the Oxford University's Materials Department. This has given me a wonderful opportunity to retrain, expanding my practical skills while attending undergraduate/graduate lecture courses and doing research which has links with industry. I have retrained in transmission and scanning electron microscopy with EDX, x-ray diffraction and software use and learnt thermal analysis techniques. Words are inadequate to describe the enjoyment, interest and satisfaction I get from my Fellowship work.



Name Dr Judit Molnar
Started Fellowship in September 2008
Subject Biochemistry
Host Pfizer Limited
Sponsor Pfizer Limited

I started my Fellowship in September. I have been getting experience in molecular and cell biology as well as learning about drug discovery. I have just come back from a conference on Asthma and COPD using my Extraordinary Expenses account. The meeting was very valuable to a newcomer to the field. My skills and confidence are increasing and my project is moving along. Working part-time is brilliant. I can have a career and fulfill my family commitments at the same time.



Name Dr Karin Regnström
Started Fellowship in September 2008
Subject Molecular Biology/Biophysics
Host Pfizer Limited
Sponsor Pfizer Limited

I started my Fellowship in September and it was wonderful to get back into the lab. My first task was to learn a new method and I am very lucky to be supported by such a welcoming research team.

Fellows in post 2008

Fellowships that commenced in 2008 continued



Name Dr Changjing Shang
Started Fellowship in September 2008
Subject Computing
Host Aberystwyth University, Department of Computer Science
Sponsor The Royal Academy of Engineering

I started my Fellowship in September 2008. I am pleased to have this opportunity to get back into research in a very supportive environment. I have thoroughly enjoyed my work so far. I have been able to rapidly regain my confidence in research; the initial results of my project have been submitted for consideration for external publication. These are currently being refined and integrated with other research outcomes obtained by the team in which I am now an active member.



Name Dr Miriam Watson
Started Fellowship in September 2008
Subject Particle Physics
Host University of Birmingham, School of Physics and Astronomy
Sponsor Science and Technology Facilities Council (STFC)

Since starting my Fellowship I have enjoyed returning to research in a very supportive group. After a long career break, it has been necessary to update my skills, particularly for computing and software, but this has been more straightforward than I anticipated. I now have the confidence to pursue my own research and to collaborate with other researchers.



Name Dr Lilliana Greger
Started Fellowship in October 2008
Subject Bioinformatics
Host University of Cambridge, Department of Public Health and Primary Care
Sponsor Medical Research Council (MRC)

I took a career break for 5 years to raise my two children. I was very fortunate to be awarded a Daphne Jackson Trust Award and started my Fellowship in October, 2008. Obtaining this Fellowship was crucial for me and launched me back into the professional workforce. I am very happy to be in a friendly environment and enjoy learning new techniques. I attended various computing courses provided by the University of Cambridge and now feel confident that my knowledge is up to date.



Name Dr Joanne Mathias
Started Fellowship in October 2008
Subject Electronics
Host University of Kent, Department of Electronics
Sponsor University of Kent

I started my research Fellowship in October 2008 at the University of Kent. I had already been at the University during the previous two years in a part-time administrative role so knew the people I would be working with well. My previous experience within the Department certainly made the start significantly easier for me. Returning to research, though a little scary, definitely felt like a home coming. I hadn't realised just how much I had missed the technical aspect of research work and am thoroughly enjoying the academic challenges posed by the project that I am engaged in.



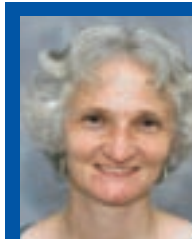
Name Dr Christine Rogers
Started Fellowship in October 2008
Subject Environmental Sciences
Host University of Leeds, School of Earth and the Environment
Sponsor Natural Environment Research Council (NERC)

I was extremely pleased and honoured to be awarded a Fellowship and still feel incredibly lucky to have been given a chance to retrain, having had a career break from scientific research that turned out to be longer than first envisaged. In recent years, I had been working part-time on a fixed term contract as a university technician. I was ready for employment more suited to my capabilities and realised that I needed the recognition and support provided by the Fellowship for getting back into science at a research level. Now, as a Daphne Jackson Fellow, I have found extra funding for bench fees from the Royal Society of Chemistry's Water Science Forum (the Alan Tetlow Memorial Bursary) and I have been invited to join the working party that is putting together the University's bid for Bronze Status with the Athena Swan Organisation. The Fellowship is opening doors for me and making things happen!

Name Dr Irina Miller
Started Fellowship in April 2008
Subject Biology
Host University of Oxford
Sponsor Diabetes UK

Dr Miller resigned her Fellowship for personal reasons.

Fellowships that continued during 2008



Name Dr Erica Bithell
Started Fellowship in September 2007
Subject Materials Science
Host University of Cambridge, Department of Materials Science and Metallurgy
Sponsor Lucy Cavendish College/Thriplow Charitable Trust

Hybrid organic-inorganic compounds are a relatively recently discovered family of materials: my work on characterising some of these by electron crystallography has generated sufficient interest that I am hopeful of securing funding to continue in this area after the end of my Daphne Jackson Fellowship. I was delighted to have some of the early results from my project accepted for presentation at the European Microscopy Congress in Aachen in September 2008, which was encouraging in itself, and was also an excellent opportunity to make contacts across the international microscopy community.



Name Dr Bindi Brook
Started Fellowship in October 2007
Subject Mathematics
Host University of Nottingham, School of Mathematical Sciences
Sponsor Medical Research Council (MRC)

In October 2008 I was invited by James Sneyd to visit his group at Auckland University, New Zealand. I was there for 2 weeks, learnt a great deal, and more importantly set up a great collaborative link with a world-leading expert in calcium dynamics modelling in airway smooth muscle. The work that I've done so far as part of the Daphne Jackson Fellowship has resulted in the submission of one paper so far which is currently under review.



Name Dr Jessica Jenson
Started Fellowship in April 2007
Subject Biology
Host University of Surrey, School of Biomedical and Molecular Sciences
Sponsor Medical Research Council (MRC)

I am now reaching the end of my Fellowship having had a very positive 2 years. My return to research at Surrey University has enabled me to use my skills and get the opportunity to catch up with the current techniques and issues within my field. I will now explore my future career options with greater confidence.



Name Dr Sharon Strawbridge
Started Fellowship in February 2007
Subject Chemistry/Physics
Host University of Exeter, School of Physics
Sponsor The Leverhulme Trust

My Fellowship has enabled me to start to establish myself in academic science in an entirely new area of the physical sciences. I initially trained as a chemist and have a PhD in physical chemistry, things were going very well for me, until during my PhD studies I first had a baby then discovered I was seriously ill, I lost many months out of my career at a really critical time, when I would have been wanting to apply for post docs, write papers etc.... When I returned I found that chemistry was going to be closed by the University. It was at that point I applied to the Trust for a Fellowship which supported my move into physics, since then I have never looked back and my research horizons have expanded enormously and I am currently working in graphene physics, which is fast moving and intellectually challenging area, combining this with teaching. I know that without the support I had from the Daphne Jackson Trust at that critical time I would never have been able to establish myself in a new discipline and remain in science. The Fellowship provided the link back in and I am very grateful to have had the opportunity to be a Daphne Jackson Fellow.



Name Dr Rupij Vij
Started Fellowship in September 2006
Subject Biological Sciences
Host University of Liverpool, School of Biological Sciences
Sponsor Biotechnology and Biological Sciences Research Council (BBSRC)

2008 was a pretty challenging year for me, however I managed to get a definitive diagnosis for the health problems that were persisting and now I have the correct treatment I am able to forge ahead again with my Fellowship. After a period of time on hold, I restarted my Fellowship in September 2007 and I am working on anti-malarial drug artemisinin and it's biosynthetic precursors. I am looking forward to 2009 and hope it will bring forth some very exciting discoveries and breakthroughs in my research.

Fellows in post 2008

Fellowships that finished in 2008



Name Dr John Everett
Started Fellowship in April 2006
Subject Physics
Host Advanced Technology Institute,
University of Surrey
Sponsor University of Surrey/
The Daphne Jackson Trust

Following a long career break, I'd given up hope of a return to physics when the Daphne Jackson Trust gave me the help and support to do just that. My Fellowship finished in March 2008 and although I found it hard going at times it proved extremely worthwhile, culminating in publication of my work in Physical Review B. What's more, I'm now a full-time researcher at the University of Surrey and collaborate with a large American semiconductor company. Three cheers for the Daphne Jackson Trust!



Name Dr Catherine Higham
Started Fellowship in October 2006
Subject Bioinformatics
Host University of Glasgow,
Department of Computing
Science
Sponsor The Leverhulme Trust

In June 2008, I gave a talk about my work at an international conference in Leipzig, Germany, which was very stimulating and enjoyable. This work has now been published in a single authored paper which was a great result on which to finish my Fellowship. Since then, I have been awarded a multi-disciplinary Lord Kelvin PhD scholarship funded by Glasgow University. I am based in a molecular genetics lab and my project involves mathematical modelling of the data generated in the lab, in collaboration with clinicians, with the broad aim of improving prognostic information for patients with a hereditary disease called myotonic dystrophy.



Name Dr Alison Jones
Started Fellowship in February 2006
Subject Chemistry
Host University of Bath,
Department of Chemistry
Sponsor Engineering and Physical
Sciences Research Council
(EPSRC)

My Fellowship ended at the end of January 2008 but I have carried on working for Professor Islam at Bath in order to complete the work started during my Fellowship. This was published in Chemistry of Materials early in 2008. At present I am continuing my research into the dopant properties of apatite silicates and hope to have this ready for publication in the next few months.



Name Dr Annett Klinder
Started Fellowship in February 2006
Subject Molecular Biology
Host University of Reading,
School of Food Biosciences
Sponsor Elizabeth Nuffield
Educational Fund

While my Fellowship years seem already some time away I am still grateful that the Daphne Jackson Trust allowed me to return to a career in nutritional science. Since the end of my Fellowship I have conducted my own intervention trial which was a huge challenge as it was a new experience for me. This experience helped me to secure a 3-year contract participating in a major intervention trial that looks at the influence of fruit and vegetables on human health. I still often struggle to find a good work life balance but I definitely enjoy being back in the lab and cannot imagine otherwise.



Name Dr Anne Pittock
Started Fellowship in October 2006
Subject Artificial Intelligence
Host University of Edinburgh,
School of Informatics
Sponsor National Endowment for
Science Technology and
the Arts (NESTA)

In October 2008 I completed my Daphne Jackson Research Fellowship in Bioinformatics at the University of Edinburgh, working on knowledge retrieval in genetics. In November 2008, I joined HealthQWest (a West of Scotland research consortium formed by the NHS and six Higher Education Institutions) as Research Fellow in Decision Making. At the moment I am developing software to deliver web experiments to analyse healthcare decision-making.



Name Dr Jyothika Punekar
Started Fellowship in May 2006
(extension until November 2008)
Subject Fluid Mechanics/Aero Acoustics
Host Queen Mary,
University of London,
Sponsor Royal Academy of Engineering

I successfully completed my Fellowship in November of 2008 after a short extension. I have now decided to continue in the same field as the Fellowship helped me identify that this research is interesting for me. It is difficult to get funding, however I am earnestly searching to continue this research.



Name Dr Rachel Walcott
Started Fellowship in July 2005
(extension until June 2008)
Subject Geosciences
Host University of Edinburgh,
School of Geosciences
Sponsor Natural Environment Research
Council (NERC)

Three weeks before my Fellowship came to an end in early July 2008, I won a Royal Society of Edinburgh/ BP personal Fellowship. So I am now working full time, building upon the research I started as part of my Daphne Jackson Fellowship.

Directors Report 2008

The Trust organises activities at national events, such as the Cheltenham Festival of Science and the BA Festival of Science, with the aim of reaching both the science community and potential returners. Fellows often make presentations at such events to promote the scheme and encourage returners to SET. There are regional events to help Fellows meet and exchange experiences and offer support to each other.

Daphne Jackson Fellowships are designed to improve employability through the updating of knowledge and experience in previous areas of expertise or expanding to a new related area where employment opportunities are better.

Fellows are able to contact the Trust at any time for help and advice and often continue to do so once their Fellowships have finished. Fellows are offered courses covering presentation skills, work life balance, media skills, interviewing and curriculum vitae writing skills and many more. Regular newsletters are sent out and there are many opportunities for Fellows to network at events organised by the Trust. Fellows are encouraged to join a national mentoring scheme, MentorSET.

General Trust Activities

The Director continues to meet Vice-Chancellors, Directors, and others, to fundraise and present details about the Trust and is often invited to be a guest speaker at conferences, groups and meetings.

The Trust is increasingly being invited to attend events and receptions in the UK and EU organised by learned societies, professional institutions and others with an interest in women in SET.

The Awards Committee considered and approved 20 new Fellowship applications during the year. The Awards Committee Chairman agreed one application for an extension, and 23 Fellowships commenced.

Trust Structure

Trustees

The Trust welcomed seven Trustees and said farewell to two during 2008. Dr Mary Harris stepped down as a Trustee as did Mrs Dorothy Hatfield, who continues to be involved with the Trust as an Awards Committee member.

Committees

The Finance and General Purposes Committee meets four times a year. The Chairmanship of The Awards Committee is reviewed on a regular basis. The Administration Team and Coordinators' meetings are chaired by the Director. The present structure of the Special Discretionary Fund committee remains unchanged. The Risk and Responsibility Committee established a Risk Assessment Group, which held its inaugural meeting in 2008, and will meet on an annual basis. Membership of all the committees is confirmed annually at the meeting of Trustees in March.

Administration Team

The Administration Team was restructured in 2008 to ensure the most effective ongoing operation of the Trust.

Administrative Costs

All sponsors of full and part Fellowships contribute towards the administrative costs of the Trust.

The Finance and General Purposes Committee agreed to increase the annual fee from £4,750 per annum to £5,000 per annum with effect from the beginning of the new financial year on 1st December 2008. It was also agreed to increase the administration fee in line with inflation on an annual basis. The administration costs continue to be reviewed at the annual audit and throughout the year.

There is a continuing drive to attract donations to meet administrative costs rather than Fellowship costs. The Motorola Foundation gave the Trust the opportunity to apply for another grant in 2007. The grant application was successful and was received at the end of 2008.

Special Discretionary Fund

A Special Discretionary Fund, established in 2001 to assist Fellows with hardship needs such as childcare costs, continues to be a great benefit to its recipients.

Sponsorship

Many bodies support the Trust and there is much interest in sponsoring and hosting Fellowships within universities, research laboratories and industrial organisations in the UK. The effort to secure sponsorship for individual Fellows and the work of the Trust goes on all the time and with the recent increases in the number of Active Candidates the need to secure support is even greater.

There is a continuous application process and no set number of Fellowships are awarded in any year. Each Fellowship is funded by an interested organisation. The number of Fellowships that commence depends on the amount of sponsorship the Trust has been able to secure and the number of successful applications. A Fellowship may be awarded by the Daphne Jackson Trust but it cannot begin until funding has been secured. There is a constant effort to maintain funding levels to meet future growth. Additional sponsorship ensures the continued success of the Fellowship Schemes and reduces the risk of good applicants not being awarded a Fellowship because of lack of funds.

Many sponsors restrict pledges of funding to a specific subject area. This, combined with various timing and geographic constraints, means that continuous fundraising effort is required to ensure that successful Fellowships can begin as soon as the award decision has been made. With these constraints and the economic climate, for the first time in more than 12 years Fellowships awarded have been subject to sponsorship availability and unable to begin until funding has been secured. Previously funding was always in place before a Fellowship Award was confirmed.

At the beginning of 2007 the Trust embarked on a major exercise to encourage continued support from existing organisations and develop new sponsorship. The Trust Director travelled many miles during 2008 with a rewarding degree of success. In particular a number of universities have resumed and others have begun sponsorship arrangements.

Conclusion

The Trust is grateful to its Trustees, non-Trustee members of the Awards Committee and Advisors. All give their time on a voluntary basis providing a range of supporting services. 2008 has been a challenging year following the downturn in the economy. With this likely to continue for the foreseeable future we must work even harder to withstand the 'storm'. The Trust is well established and greatly appreciates everyone's support and enthusiasm, which will help us through these difficult times.

Trust Summary for 2008

Fellowships Commenced in 2008

Name	Start Date	End Date	Host	Sponsor
Dr Uliana Bashtanova	01/01/08	31/12/09	University of Sussex	The Leverhulme Trust
Dr Isabelle Durance	01/01/08	31/12/09	Cardiff University	NERC
Dr Yael Harel	01/01/08	31/12/09	University of Leeds	BBSRC
Ms Nancy Irwin	05/02/08	03/02/10	University of York	NERC
Dr Nerissa Marziano	05/02/08	04/02/10	University of Kent	BBSRC
Dr Irina Miller	14/04/08	<i>Resigned Fellowship due to personal reasons</i>		
Dr Medha Pandit	07/01/08	06/01/10	University of Surrey	EPSRC
Dr Harith Saleh	07/01/08	06/01/10	University College London	University College London
Dr Ruth Le Sueur	09/01/08	08/01/10	University of Durham	Rolls-Royce
Mrs Raffaella Tate-Zaccarini	21/01/08	20/01/10	University College London	University College London
Dr Maria del Carmen Alvarez	01/03/08	31/02/10	University of Hull	NERC
Dr Nayna Vyas-Patel	01/04/08	31/03/10	Imperial College London	Imperial College London
Mrs Alma Lopez-Tolman	28/04/08	27/04/10	University of Reading	BBSRC
Dr Svetlana Tishkovskaya	01/05/08	31/04/10	University of Sheffield	NERC
Dr Juliane Struve	15/06/08	14/06/10	Imperial College London	Imperial College London
Dr Kenneth Hamilton	01/07/08	31/06/10	University of East Anglia	EPSRC
Dr Anjana Halder	14/07/08	13/07/10	University of Southampton	BBSRC
Dr Zsuzsanna Bodi	01/09/08	31/08/10	University of Nottingham	University of Nottingham
Dr Vanessa Cheel	01/09/08	31/08/10	University of Oxford	EPSRC
Dr Judit Molnar	01/09/08	31/08/10	Pfizer Limited	Pfizer Limited
Dr Karin Regnström	01/09/08	31/08/10	Pfizer Limited	Pfizer limited
Dr Changjing Shang	01/09/08	31/08/10	University of Aberystwyth	Royal Academy of Engineering
Dr Miriam Watson	08/09/08	07/09/10	University of Birmingham	STFC
Dr Liliana Greger	01/10/08	30/09/10	University of Cambridge	MRC
Dr Joanne Mathias	01/10/08	30/09/10	University of Kent	University of Kent
Dr Christine Rogers	01/10/08	30/09/10	University of Leeds	NERC

Ongoing Fellowships in 2008

Dr Erica Bithell	01/09/07	31/08/09	University of Cambridge	Lucy Cavendish College/ Thriplow Charitable Trust
Dr Bindi Brook	15/10/07	14/10/09	University of Nottingham	MRC
Dr Jessica Jenson	01/05/07	30/04/09	University of Surrey	MRC
Dr Sharon Strawbridge	01/02/07	31/01/09	University of Exeter	The Leverhulme Trust
Dr Rupj Vij	06/09/06	30/11/09	University of Liverpool	BBSRC

Fellowships Finished in 2008

Dr John Everett	01/04/06	31/03/08	University of Surrey	University of Surrey/ Daphne Jackson Trust
Ms Catherine Higham	01/10/06	30/09/08	University of Glasgow	The Leverhulme Trust
Dr Alison Jones	01/02/06	31/01/08	University of Bath	EPSRC
Dr Annett Klinder	01/02/06	31/01/08	University of Reading	Elizabeth Nuffield Educational Fund
Dr Anne Pittock	01/10/06	30/09/08	University of Edinburgh	NESTA
Dr Jyothika Puneekar	15/05/06	14/07/08	Queen Mary – University of London	Royal Academy of Engineering
Dr Rachel Walcott	01/07/05	30/06/08	University of Edinburgh	NERC

From the inception of the Daphne Jackson Trust

Sponsors

Research Councils/ Public Funding

Biotechnology and Biological
Sciences Research Council
European Social Fund
Engineering and Physical Sciences
Research Council
Medical Research Council
Natural Environment Research Council
Science and Technology Facilities Council

Universities

Aston University
Edinburgh Napier University
Imperial College of Science,
Technology and Medicine
Loughborough University
Lucy Cavendish College, Cambridge
Royal Holloway, University of London
University College London
University of Aberdeen
University of Bath
University of Bristol
University of Cardiff
University of Durham
University of Kent
University of Nottingham
University of Surrey

Learned Societies/ Professional Institutions

Institute of Physics
The Royal Academy of Engineering
The Royal Society of Chemistry
The Royal Society

Charities

Diabetes UK
Gatsby Charitable Foundation
National Endowment for Science,
Technology and the Arts
National Grid Transco
Royal Commission for the
Exhibition of 1851
The Clothworkers Foundation
The Elizabeth Nuffield Educational Fund
The Laura Ashley Foundation
The Leverhulme Trust
The Nuffield Foundation
Thriplow Charitable Trust
Vodafone Group Charitable Trust

Industry

BICC
BP
British Gas
British Telecom
Cable & Wireless
Eastern Electricity
Electricity Council
GEC
GlaxoSmithKline
ICI
ICL
LloydsTSB
Pfizer Limited
Rank Xerox
Rolls Royce
Scotia Pharmaceutical
Shell UK

Donors

Department of Physics,
University of Surrey
Esso
Garfield Weston
GEC
HSBC
ICI
Institute of Physics
L'Oreal
Motorola Foundation (USA)

Oxford Instruments
JSF Pollitzer Trust
PowerGen
Smiths Industries
The Goldsmiths' Company
The Science Council
UK Resource Centre for Women in SET
Vodafone
Wellcome Trust
Zeneca



Committees & Administration during 2008

Trust Director

Mrs Jennifer Woolley

Press and Public Relations Manager

Dr Katie Perry

Fellowship Co-ordinators

Dr Rosamund Baird

Dr Bernadette Egan

Dr Pia Ostergaard

(from August 2008)

Dr Autumn Rowan-Hull

(from August 2008)

Dr Helena Tostevin

Dr Anca-Mihaela Vais

Fellowship Administrator

Ms Carrie Anderson

Administration Co-ordinator

Mrs Vittoria Colbourne

Accountant

Mr Colin Shepherd

Advisors

Mrs Marjorie de Reuck

Dr David Faux

Trustees

Professor Richard Barnett
(from March 2008)

Professor Sir Tom Blundell

Dame Fiona Caldicott

(from March 2008)

Professor Lynne Frostick

Professor Julia Goodfellow
(from March 2008)

Ms Lynne Graham
(from December 2008)

Mr Philip Greenish

Dr Mary Harris
(until March 2008)

Mrs Dorothy Hatfield
(until March 2008)

Dr Robert Hawley

Professor Dame Julia Higgins

Professor Dame Louise Johnson
(from March 2008)

Professor Margaret Rayman

Mr Richard Rooley

Mrs Teresa Schofield

Professor Christopher Snowden
(Chairman)

Ms Helen Stone
(from March 2008)

Professor John Wood
(from March 2008)

Trust Committees

Finance and General Purposes

Mr Philip Greenish

Dr Mary Harris
(until March 2008)

Dr Katie Perry

Professor Margaret Rayman
(from March 2008)

Mr Richard Rooley *(Chair)*

Mr Colin Shepherd

Professor Christopher Snowden

Ms Helen Stone
(from March 2008)

Mrs Jennifer Woolley

Special Discretionary Fund

Professor Sir Tom Blundell

Professor Dame Julia Higgins

Mr Richard Rooley *(Chair)*

Awards

Mrs Susan Bird

Professor Sir Tom Blundell

Professor Gillian Gehring

Mr Philip Greenish *(Chair)*

Mrs Dorothy Hatfield

Professor Dame Julia Higgins

Risk and Responsibility Committee

Dr Robert Hawley

Professor Margaret Rayman *(Chair)*

Mr Richard Rooley

Mrs Jennifer Woolley

Bankers

NatWest Bank Plc,
University of Surrey,
Guildford,
Surrey, GU2 7XS

Auditors

H W Chartered Accountants,
HWCA Ltd,
Cawley Priory,
South Pallant,
Chichester,
West Sussex, PO19 1SY

Incorporation

The Daphne Jackson Trust was established as a Charity in 1992, Charity Number 1009605. The Trust was incorporated as a Company Limited by Guarantee in 2008. The Charity Number was changed and its new status became effective from 1st December 2008.

Registered by the Charity Commission as the Daphne Jackson Memorial Fellowships Trust with Charity Number 1125867

Registered at Companies House with a Certificate of Incorporation of a Private Limited Company with Company Number 6621472

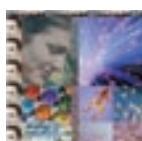
Registered Offices Department of Physics, University of Surrey, Guildford, Surrey GU2 7XH.

For more information

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Registered Charity Number: 1125867
Company Number: 6621472



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*This Annual Report has been produced
with the generous support of the
Motorola Foundation.*