

JAYNE LOUISE BROOKMAN

BSc(Hons) Biochemistry (Bath, 1985)
PhD (Wales, 1988)

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PROFILE

A people-focused manager, skilled in the development and implementation of research and corporate strategy; management of internal and collaborative projects and effective in building and maintaining personal networks. Good understanding of University, Industrial and Government sectors in UK and Europe. Excellent interpersonal and leadership skills.

Professional Experience:

- Stakeholder relations and network development
- Design, organisation and direction of research, development and Knowledge Transfer programmes
- Building of corporate structures, management and reorganisation of business
- Development and management of research consortia, coordination of out-sourced projects
- Fund raising from public and private sector, including business angel and venture capital sources
- Knowledge Transfer in a variety of research environments
- Trouble shooting and problem solving at all levels, both corporate and scientific

Member, Bioresources Committee, Society of Chemical Industry

EMPLOYMENT SUMMARY

2014	Head of Food, Knowledge Transfer Network
2011	Food Sector Lead, Biosciences Knowledge Transfer Network (KTN)
2007-2011	Knowledge Transfer Manager, Biosciences KTN
2007-2014	Director, Vernalix Ltd.
2005-	Proprietor, Merigan Research Services
2004	Biosciences Consultant / Commercial Manager, BBSRC Institute of Grasslands & Environmental Research (IGER)
2003	Director of Research, F2G Ltd.
2000-2003	Director of Molecular Biology, F2G Ltd.
1996-2001	Lectureship, University of Manchester - Joint appointment with IGER
1992-1996	Lectureship, University of Manchester
1990-1992	University of Manchester
1988-1990	SERC LINK Research Fellow with British Biotechnology plc
	University of Nottingham
	Post-doctoral Research Fellow, Biochemistry Dept.,

Current post **Head of Food, KTN**

(Formerly Food Sector Lead, Biosciences KTN)

Responsible for developing a strategy for business support for the food manufacturing industries, leading a team in its delivery

Significant Achievements:

- Built interaction strategy for food-based activities in the KTN
- Represent KTN on several national committees, e.g. National Technology Platform

- Worked with Defra and BIS for showcase events in food and agritech
 - Contributed to Cross-Parliamentary Groups on Food and Agritech
 - Secured and delivered coordination roles for BBSRC Industry clubs

Employment History

Biosciences KTN (Formerly Bioscience for Business)

Knowledge Transfer Manager

Responsible for building client base across UK Bioscience Industry base and delivering business support via networking activities.

Significant Achievements:

- Developing Public-Private Partnership strategies for funding technology translation gap in plant breeding for future industry needs
 - Developed Health & Wellbeing and Future Plant Products for Industry groups
 - Organised and ran several workshops on natural product exploitation
 - Assisting in newco start-up, FP7 projects and industry input into EU Convergence bids
 - Produced network's Annual Report and review document for funding

Merigan Research Services

Proprietor

Merigan is a research services consultancy helping science-based businesses with the design and implementation of new strategies for established and developing companies. The customer base has included SMEs, regional development agencies, government departments, universities and multinational companies. More recently, my consultancy has focused on work with Elysium assisting in a number of technology exploitation projects and in developing Vernolix a company exploiting the natural product, Vernonia in a range of applications.

Significant Projects completed:

- Technology audit, market analysis and strategic planning for an analytical services provider
 - Project management of an industrial/academic consortium concerned with discovery of feed additives
 - Construction of the Business Plan for an Industrial Collaboration Centre based at a UK University
 - Drug development advice, market, financial and project planning
 - Feasibility study on the sustainable production of the Alzheimer's drug, galanthamine
 - Development of new companies using virtual business models

IGER 2004

Commercial Manager

Responsible for promotion of IGER's business relationships with the cluster of natural products businesses developing in Aberystwyth.

Significant achievements

- Identified new business opportunities from IGER's core science base
 - Assembled a SME/academia cluster consortium (CIRP) and successfully bid for £560K research project
 - Successfully bid for £78K project from Defra
 - Developed business model, wrote plan and obtained VC funding for IGER spin out company.

F2G Ltd. 2003

Director of Research

Responsible to the board and investors for all operational delivery from F2G's discovery effort, from target discovery through to lead optimisation

Significant achievements

- Ran team to design and implement restructuring of F2G's discovery programme to ensure rapid progression through drug discovery pipeline within defined budgets
- Negotiated accommodation for expansion of F2G's chemistry capability under financial constraints
- Modelled the scientific and organisational issues, costs and impact on value build for the company based on different scientific strategies and presented recommendations to F2G's board.
- Represented F2G as part of a new business team developing relationships with large corporate clients

F2G Ltd. 2000-2003

Director of Molecular Biology

Responsible for initiating and establishing laboratory structure, and recruitment of key staff within F2G. Once operational, I was responsible to the board for the target-based component of F2G's drug discovery.

Significant achievements

- Identified scope and recruited team for targeted drug discovery, validation and screen production.
- Completed proof-of principle for F2G's genomic technology
- Critically assessed and evaluated collaborative projects with pharmaceutical, agrochemical and biotechnology companies and academic institutes.
- Directed three corporate projects including responsibility for customer relations
- Developed and ran cascades for target discovery, target validation and mode of action determination. Produced validated antifungal targets for HTS production
- Filed four patent applications for antifungal targets and associated technologies, including the MycoBank® application
- Invited to advise fungal consortium for European Union Framework VI funding application
- Recruited senior management posts e.g. Head of Chemistry, Head of Finance and Administration, within the company
- Instigated and directed development of Health and Safety programme including occupational health, GMO, animal licence and microbiological safety for F2G

F2G Ltd.1998

Founder

Responsible for developing and implementing F2G's scientific strategy and jointly, with other members of the senior management, for developing and delivering a corporate strategy including fundraising.

- Founded F2G in 1998
- Hired CEO and co-wrote business plan which was successful in raising funding of £4.3M
- Member of the Board of Directors
- Instrumental in funding process throughout F2G's history including seedcorn, DTI SMART, business angels, VC and bridging finance in excess of £8M

University of Manchester/ BBSRC Institute of Grasslands and Environmental Research (IGER) 1996-2001

Joint Lecturer

This joint appointment was created to develop synergistic research on the biology, exploitation and molecular ecology of fungi, particularly those found in the guts of ruminants that are responsible for plant biomass degradation.

Significant Achievements

- Filed joint patent with commercial collaborators for phytase enzyme as treatment for improvement of animal feed quality (pigs, aquatic feeds and poultry sectors)
- Attracted >£500K research income from commercial biotech sources for IGER in addition to a similar sum required to maintain my own research laboratory
- Recognised as an expert in fungal molecular biology. Invited participant at several prestigious international conferences including meetings organised by the American Society for Microbiology. Served as an expert referee for grant applications and for several microbiology journals
- Reviewed and implemented improvements to the School of Biological Sciences' graduate training programme at the University of Manchester. Organised and updated annual Graduate Student Symposium (1998-2000). I was responsible for designing and delivering modules on transferable skills for the workplace
- Supervision of BBSRC PhD and post doc students, including CASE students linked to industry.
- Engaged in funded overseas collaboration including visits and work in Australia (CSIRO, Brisbane; Henry Stapledon Fellowship) and USA (Illinois)