

RICCARDO BENNETT-LOVSEY

EDUCATION

- 2005 - 2006 **University of Dundee**
MBA – Academic Enterprise and Entrepreneurship
- 2002 - 2005 **Imperial College London**
PhD DIC – Bioinformatics
- 2001 - 2002 **University of York**
MRes – Bioinformatics
- 1998 - 2001 **Cambridge University (Trinity Hall)**
MA (Cantab) BA (Hons) – Natural Sciences (Biochemistry)
Part II – 2.1, Part IB – 2.1, Part IA – 2.1
- 1991 - 1998 **Torquay Boys' Grammar School**
A-levels: Chemistry A, Biology A, Maths A, Further Maths A, General Studies A

PROFESSIONAL EXPERIENCE

- 2006 – Present **Equinox Pharma Ltd (UK)** **Business Development Manager**
- Working with David Gough (CEO) co-ordinating the early stages of company development, and the development of bioinformatics software for use in drug discovery and *in-silico* drug screening using artificial intelligence technology.
 - Chief architect and developer of the Equinox Pay-Per-Use online software platform (www.equinoxppu.com).
- 2005 – 2006 **Imperial College London (UK)** **BBSRC/RSE Enterprise Fellow**
- Working with Equinox Pharma Ltd to commercialise Intellectual Property owned by Imperial College London as part of a BBSRCE Enterprise Fellowship.
- Summer 2002 **Serono Inter. S.A., Geneva (CH)** **Bioinformatics Researcher**
- Worked under Dr. Massimo De Francesco developing Bioinformatic tools utilizing BLAST, SQL, Perl, interactive web-design, CGI, and data processing.
- Summer 2001 **Citrix Systems Ltd. (UK)** **Asst. Software Test Engineer**
- Worked under Nik Newark testing the Citrix Extranet Server internet security system, and the Java ICA Client program, on a range of Operating Systems including Linux, Unix, and all flavours of Windows.
- Summer 2000 **Indianapolis Univeristy (USA)** **X-ray Crystallographic Analyst**
- Worked under Dr. William Bosron analysing the debated electron structure of Formaldehyde Dehydrogenase using Silicon Graphics network systems and 3-Dimensional imaging software 'O' and 'Frodo'.

RELEVANT SKILLS

- Advanced knowledge of **Bioinformatic Software, Tools, and Databases.**
- Experience in **Early-stage Hi-Technology Entrepreneurship, Business Plan Writing, Software Development Lifecycle (RUP) and Bootstrapping.**
- Experience with **GNU/Linux, Unix, Perl, Java, C, C++, Design Patterns, Relational Database Design, MySQL, MS Office, Corel Draw, Windows 9x/NT/2000/XP, Shell Scripting, PHP, XHTML, CSS, Javascripting, and Network/System Administration.**
- Currently learning **Python.**
- **University level Mathematics.**
- Knowledge of **Open Source/Free Software Ideology and Licensing and Copyright Law.**

ACHIEVEMENTS

- Winner – Imperial College New Business Ideas Challenge 2002/3.
- Winner – Biotechnology YES UK Regional Final, 2004/5.
- Runner-up – Biotechnology YES UK National Final, 2004/5.
- Runner-up – Imperial College New Business Challenge 2002/3.
- Finalist – Oxford University Global Business Plan Competition 2002/3.
- Finalist – London Business Link Student Business Challenge 2002/3.
- Trinity Hall (Cambridge) University Challenge Team Captain - 2000.
- Langwith College (York) Graduate Treasurer and GSA representative.
- Twice competed in the Senior UK Invitational Mathematics Challenge.
- 3 Gold (and 2 Highest Score) awards from the Natwest National Mathematics Challenge.
- 7 Annual School Awards (including Mathematics, Chemistry, and Biology).

OTHER ACTIVITIES

- Self taught in programming, computer hardware and web design.
- Avid interest in wines and beer. I attend amateur tasting events and study the techniques of judging.
- Dancing Cuban and American Salsa.
- I enjoy learning foreign languages and am conversational in Italian, German and French. I also have grounding in Slovene, Serbo-Croat, and Welsh.
- Self taught harmonica player and jazz musician and regularly play local venues whenever possible.

PUBLICATIONS

- **Bennett-Lovsey,R.M., Herbert,A.D., Sternberg,M.J.E. and Kelley,L.A.** (2008) Exploring the extremes of sequence/structure space with ensemble fold recognition in the program Phyre. *Proteins*, **70**, 611-625.
- **Sanghani,P.C., Robinson,H., Bennett-Lovsey,R., Hurley,T.D. and Bosron,W.F.** (2003) Structure-function relationships in human Class III alcohol dehydrogenase (formaldehyde dehydrogenase). *Chemico-Biological Interactions*, **143**, 195-200.
- **Bennett-Lovsey,R., Hart,S.E., Hiroki,S. and Mizuguchi,K.** (2002) The SWIB and the MDM2 domains are homologous and share a common fold. *Bioinformatics*, **18**, 626-630.

REFEREES

- Ms. Gillian Pallis: email – g.b.pallis@dundee.ac.uk
- Mr. David Gough: email – david@dagough.co.uk
- Prof. Mike Sternberg: email – m.sternberg@imperial.ac.uk