

DAVID H PINNEY MSc.

Address: (Please e-mail)
Telephone: (Please e-mail)
E-mail: dpinney@gmail.com

A **dynamic** and **reliable** individual with an **MSc in Medical Physics and Clinical Engineering** and four years experience in the **Research and Development** domain. Strong verbal and written **communication skills**, giving the ability to build successful relationships. Excellent **investigative and analytical** attributes with a proven **customer-focused** track record.

Key Career Achievements

Liaison with pan-European project partners to ensure consensus view for development of an EU research roadmap

MSc Dissertation “In-vitro Evaluation of a Doppler Ultrasound Technique for the Measurement of Closure Velocities of a Björk-Shiley Mechanical Heart Valve.”

Successful implementation of a new process as part of the clearance mechanism for a safety-related aircraft system.

Significant contribution to the fitness-for-purpose assessment of various military aircraft systems.

Valuable contribution to various combat aircraft trials, ranging from a few days to more than 6 months duration.

Key Skills

Strong analytical ability – Compilation, manipulation and analysis of test data.

High quality written and verbal communication – Presentation of results and information, as well as discussion and collaboration with colleagues and customers.

Technical writing – Authorship of Research reports, Technical Reports and Test Objectives.

Excellent research skills – Both experimental research and literature searching.

Highly IT literate – Various Office suites and Windows versions, along with numerical modelling and analysis tools such as MATLAB.

Dynamic team member – Easily integrates into any team.

Education, Qualifications and CPD

MSc Medical Physics and Clinical Engineering – University of Sheffield, 2004.

- Project: To develop and test a method of using Doppler Ultrasound to measure the velocities involved in mechanical heart valve closure.
- Modules studied: Living Systems, Data Analysis, Biological Effects, Image Production & Analysis, Physiological Measurement and Prostheses & Orthoses.

BSc (Hons) Physics with Placement (2:2) – University of Bath, 1999.

- Final year modules include Simulation techniques and Medical Physics.

4 A-Levels: Maths (B), Physics (C), Chemistry (D), and General Studies (D) – Tupton Hall School, Chesterfield, Summer 1995.

9 GCSEs including Sciences (AAB), Maths (A) and English (BB) – Tupton Hall School, Chesterfield, Summer 1993.

Career Summary

- April 2006 – Mar 2007** Research Associate, Dept of Medical Physics & Engineering, University of Sheffield, S10 2JF.
- Sep 2004 – Mar 2006 & May 2003 – Sept 2003** Temporary worker, Office Angels, Sheffield, S1 2EU
- Feb 2000 – April 2003** Fast Jet Mission Systems Trials Officer, QinetiQ, MoD Boscombe Down, Salisbury, SP4 0JF.
- Aug 1997 – Aug 1998** Placement Student, Pilkington Technology Lab, Ormskirk, West Lancs.

Professional Experience

- Coordination of events in an extremely time-pressured environment
- Responsibility for the definition, planning and co-ordination of aircraft systems trials, working to regulatory and technical requirements.
- Design of a trial methodology for an element of the Auto-pilot system. This has now become an integral part of all future Main Computer upgrade trials.
- Technical reporting of the methodology and findings of trials.
- Analysis and presentation of test data for inclusion in customer reports.
- Development of an existing laser-based device, to enhance its capabilities for measurement of properties of automotive glass.

Professional Memberships

Associate Member of the Institute of Physics.

Student member of the Institute of Physics and Engineering in Medicine.

Extra-mural Activities

I have dedicated myself to the Scout Association for over 20 years in a number of roles as my skills and experiences have developed. Over the last few years, these have included Explorer Scout leader and Quartermaster. I have also been a member of staff at various international Scout jamborees, often requiring communication with people whose native tongue is not English.

I have also been a wind instrument player for over 15 years, performing mainly in concert bands. This requires reliability and commitment to regular rehearsals to ensure that concerts can be successfully performed to local audiences.

Personal Details

I am a non-smoker, possessing a current UK 10-year passport and a full UK driving licence.

References

References are available on request