

EMPLOYMENT, ACTIVITY SUMMARY

and

CURRICULUM VITAE

of

Philip Rhoades

2018.01.31

Table of Contents

Personal Details.....	2
Employment Summary.....	2
Employment Record.....	3
Academic Record.....	7
Training Courses, Conferences attended.....	8
Personal and Professional Referees.....	9
List of Published Papers.....	10

Personal Details

Address: PO Box 896 Cowra NSW 2794
Telephone: 02 6342 2918 (Home)
Date of Birth: 4 January 1952

Employment, Activity Summary

Position Held	Date	Organisation
Executive Director	2008 -	Neural Archives Foundation Ltd (Non-profit)
Executive Officer	2007 -	Cryonics Association of Australasia (Non-profit)
Managing Director	1997 -	Quad Point Systems Pty Ltd
Administrative Officer	1990 - 1994	First Year Biology, University of Sydney
Managing Director	1986 - 2009	Pricom Pty Ltd
Alderman	1984 - 1987	Sydney City Council
Director	1984 - 1986	Parachor Computers Pty. Ltd
Scientific Officer	1983 - 1987	St. Vincent's Hospital
Research Scientist	1977 - 1983	Red Cross Blood Transfusion Service
Trainee Chemist	1971 & 1973	Taubmans Paints Pty. Limited

Employment Record

Position Held	Date	Organisation
Managing Director	1997 -	Quad Point Systems Pty Ltd

Summary of responsibilities and roles

QPS is primarily a vehicle for owning, managing and developing real-estate. The company is currently involved in developing a "Life Extension Village" in Cowra, NSW – which is aimed at developing a community of people interested in health and longevity in an ecologically friendly environment.

Position Held	Date	Organisation
Managing Director	Sep 1994 - 2009	Pricom Pty Ltd

Summary of responsibilities and roles

In this period, Pricom contracted primarily to CHU Underwriting Agencies Pty Ltd as well as providing direct support for it's own clients for the following: Linux (primarily Red Hat and Fedora), UNIX, Xen, QEMU-KVM, Lantastic, DOS, Windows, and application software. Pricom provided installation, training and support for Linux systems, Open Source application programs and Windows integration. I acted as Defacto IT Manager for CHU from 1997 to Dec 2007.

Pricom Pty Ltd was originally created to manufacture the OK(1-4) range of word processing products which were popular mainly in the scientific, technical, mathematical and foreign language areas which was also ported SCO Xenix and UNIX on Apollo Engineering Workstations - with support from a Federal Government Industry Grant. Pricom has been involved with Linux since the Softlanding Linux System (SLS) distribution in 1992. SLS was the precursor to SlackWare. More recently at CHU, Pricom was involved with Linux virtualisation / Xen machines on an IBM iSeries (OS/400) Mainframe as well as Linux Thin Clients on LANs and WANs.

Position Held	Date	Organisation
Administrative Officer	1990 - 1994	First Year Biology, University of Sydney

Summary of responsibilities and roles

First Year Biology (FYB) used the OK4 Word Processing package for a number of years but then converted its files to be compatible with the rest of the School of Biology which used Microsoft Word. This position originally involved mainly administrative duties (particularly accounting and revenue management) but due to my experience and

knowledge of office automation, increasingly became responsible for computer software, hardware and network support.

FYB paid for its software and hardware purchases and maintenance from a Publications Account. This account derived its revenues from the sale of lab and lecture notes to students. Before I became responsible for it, the costing for these notes was pretty much an ad-hoc or arbitrary process. I developed a production cost formula with a typical retail profit margin for each of the five first year courses. This was done on the basis that FYB needed to continue to upgrade and expand its computerised and photocopied document production facilities in order to provide the quality of product expected by the customers (the students). Of course there was also a demand (because of decreasing funding for tertiary education generally) to maximise the use of the available resources.

The change in pricing of student notes led to a substantial jump in the cost of these notes for students in the 1991 academic year compared to the previous year but the cost did not increase significantly after that (because of low inflation and gradually decreasing per unit printing costs). The general position was that a profit is necessary but the notes should be kept as affordable as possible for financially disadvantaged students.

The financial position of the Publications Account improved noticeably after the introduction of the new prices and this allowed a complete upgrade of the the computer and photocopying facilities needed for producing publications. At the time of my leaving this position, the account was at a level such that it could continue to cover gradual expansion and maintenance of the existing system, without any further cost increases in student notes.

After taking this position I made several important recommendations. One of the most successful recommendations was to move away from stand-alone PCs to IBM compatible machines networked to a 486 file server running SCO Open Desktop (UNIX System V with an X-Windows implementation). In addition, I initiated and supervised the computerisation of their graphics library which is used in the production of student notes (5 courses, ~1400 students, 2-4 volumes per course, per year).

Generally, this position required a wide experience of both hardware and software, from burning EPROMS to replacing faulty components, upgrading IO and motherboards, installing networks and a large variety of application programs to coding small utility programs in Pascal, C or C++ for in-house use.

Position Held	Date	Organisation
Managing Director	1986 - 1990	Pricom Pty Ltd

Summary of responsibilities and roles

Pricom manufactured the OK range of word processing products which have been popular mainly in the scientific, technical, mathematical and foreign language areas. The position involved making all the financial and management decisions necessary for the running of a small business as well as support and training of end users.

From Jan '88 to Jul '88: Pricom was successful with an application for a Federal Government GIRD Grant at the end of 1987. The grant was to help the development of a UNIX version of OK Word Processor. This was completed in mid 1988. I acted as Project

Leader for this development and co-ordinated the two consultant companies hired to do the work. I was primarily responsible for the identification of goals, planning and administrative work involved in the project. Pricom invested heavily in development of new products but because of the direction the industry took, Pricom was unable to commercialise any of these products.

Position Held	Date	Organisation
Alderman	1984 - 1987	Sydney City Council

Summary of responsibilities and roles

I was Chairman of the Health and (later) Housing and Properties Committees. I was personally responsible for: a Council investigation into the possibilities of recycling a number of different materials eg glass, paper, plastics and metals; introduction of a new, fairer and more efficient allocation policy for council low-income housing. Also involved in the implementation of Program Budgeting as a method of more effectively managing the Council's resources. This was theoretically a part-time position but took up a good deal of time.

Position Held	Date	Organisation
Director	1984 - 1986	Parachor Computers Pty. Ltd

This is a small, family owned, personal computer retailing operation. The position involved all aspects of a small business enterprise - accounting, sales and marketing, customer training and support, and consulting. The company specialised in word processing, accounting and CAD packages. This was virtually a full-time position.

Position Held	Date	Organisation
Scientific Officer	1983 - 1987	St. Vincent's Hospital

Summary of responsibilities and roles

Out-of-hours routine and emergency blood testing. This position required constant use of the hospital computer system for patient records.

Position Held	Date	Organisation
Research Scientist	1977 - 1983	Red Cross Blood Transfusion Service

Summary of responsibilities and roles

This position initially involved research into the effect of particular drugs on platelet contraction. From 1978 to 1983 the research was aimed at development of new methods

for the separation/fractionation of Human Blood Factor VIII for the treatment of haemophilia while at the same time producing freeze-dried concentrate for actual use by haemophiliacs. The work involved supervision of a team of technicians on behalf of the senior research scientist, organisation of appropriate schedules for batch production as well as involvement in the R & D aspect and personal research into better methods of screening carriers of haemophilia.

Position Held	Date	Organisation
Trainee Chemist	1971 & 1973	Taubmans Paints Pty. Limited

Summary of responsibilities and roles

Position involved paint quality control and development of new products.

Academic Record

- 1995 - (Interspersed with work and other interruptions) University of NSW, part-time PhD in population genetics (developing computer simulations / models of threatened species) – degree was discontinued pending submission of a thesis.
- 1994 University of Sydney, first year of a two year Post-Graduate Diploma in Computational Science (a course being run from the SuperComputer Centre in Physics) - 80% result. Was due to complete the second year in semester II 1996 & semester I 1997 but the course was discontinued.
- 1993 University of Sydney, Computer Science 2 - Pass result.
- 1991 University of Sydney, Computer Science 1 - Credit result.
- 1989 University of Technology, UNIX and C (non-degree) course.
- 1979 - 1984 University of New South Wales, Master of Science degree (Pathology) - part-time (unfinished).
- 1977 University of Sydney, Master of Science, qualifying year (Biology) - Credit result.
- 1972 - 1976 University of New South Wales, Bachelor of Science degree. Full-time and part-time (Zoology/Genetics major).
Significant results:
- Evolutionary Theory - Distinction
 - General Ecology - Credit
 - Advanced Genetics - Credit
 - Biochemical Genetics of Man - Credit
 - The Politics of Protest - Credit
 - Introduction to Politics and Government - Credit
 - Love and Aggression - Credit
 - China: From the Manchus to Mao - Credit
- Miscellaneous extra subjects studied: Second and Third Year Biochemistry and First Year Spanish.
- 1971 Meadowbank Technical College - HSC 2F Maths
- 1970 HSC at Macquarie Boys High School, North Parramatta.
Significant results:
- Level 1 Art (Indian and South East Asian)
- 2F Science
- 2S Maths

Training Courses, Conferences attended

Australian Software Developers Conference, 1992.

Parallel Processing using Fortran on a Fujitsu Super Computer, 1994.

Parallel Processing using Fortran, C and C++ on a CM5 Super Computer, 1994.

Windows Developers Conference, 1995.

Personal and Professional Referees

Dr William Sherwin
Professor
School of Biological, Earth and Environmental Sciences
Phone: 9385-2119

Mr Claudio Antonioli
Managing Director
SystemCraft Pty Ltd
Phone: 9564-6168

List of Published Papers

- 1 "Red Cell Stroma, A Stable Standard for Assessment of Platelet Procoagulant Release"
P Rhoades, J Margolis, A Lovric
Pathology (1979) 11:161-7.
- 2 "Preparation of Stable Intermediate-Purity Factor VIII Concentrate with a Note on High Purity Factor VIII"
J Margolis & P Rhoades
Vox Sang 36:369-374 (1979)
- 3 "Cryoprecipitate Lyophilized in Single Donor Units for Treatment of Haemophiliacs"
J Margolis & P Rhoades
Medical Journal of Australia June 2 1979 523-524
- 4 "Cryoprecipitate Lyophilized in Single Donor Units for Treatment of Haemophiliacs"
J Margolis & P Rhoades
Abstracts World Federation of Haemophilia International Congress XIII
Tel Aviv Israel July 8-13 1979
- 5 "Prothrombin Times: An Evaluation of Four Thromboplastins and Four Machines"
Helen Starr, P Rhoades, PRLC Lam-Po-Tang & GJ Archer
Pathology (1980) 12:567-74
- 6 "Preparation of Blood Components: A Method Suitable for Developing Countries"
A Lovric, J Margolis, P Rhoades
Lancet Oct 4 1980 724-725
- 7 "A New High Purity Factor VIII Concentrate for Clinical Use in Haemophilia"
J Margolis, P Rhoades, KA Rickard
Medical Journal of Australia 1981 1:717-18
- 8 "Preparation of High Purity Factor VIII by Controlled Pore Glass Chromatography"
J Margolis & P Rhoades
Lancet Aug 29 1981 II:446-448
- 9 "Stability of Freeze-Dried Factor VIII Standards"
P Rhoades
Medical Journal of Australia 1981 2:260
- 10 "An Accessory for Freeze-Drying of Sterile Solutions"
J Margolis & P Rhoades
Laboratory Practice Oct 1981 1005
- 11 "Production of Cryoprecipitate in Blood Bottles"
P Rhoades & A Chirattiamphyvong
Unpublished 1982