



PROGRAMS AND PROJECTS 2007-2009



The University of Sydney

PROGRAM AND PROJECTS 2007-2009

Norman Graeve indicated that a three year program for projects was needed to ensure the continual growth in activities for the Pharmacy Practice Foundation (PPF) and to ensure it continued to be at the cutting edge of Pharmacy activities and progress in Australia through its work together with the Faculty of Pharmacy at the University of Sydney.

Over the last 12 years many projects and programs have been accomplished and as of the last few years the PPF places approximately \$550,000 into programs designed to advance, promote and facilitate Pharmacy Practice plus the monies for the Chair of Pharmacy Practice and financing the office of the PPF.

This is vital for the Pharmacy Practice area in the Pharmacy Faculty and the profession of Pharmacy and we should continue to grow with future projects for the PPF to work collaboratively within the Faculty and the profession.

A meeting was organised for Monday 14 August to put together possible programs and projects for the Pharmacy Practice Foundation to consider.

Attendance: Dr Sinthia Bosnic-Anticevich, Prof Carol Armour, Prof Charlie Benrimoj, Assoc Prof Ines Krass, Norman Graeve

Areas currently being pursued

- Community Liaison officers - \$16,500 pa
- Chair Pharmacy Quality Care/OTC
- Chair of Quality Safety (Pharmacy)
- Specialist Practitioner in Mental Health Teacher

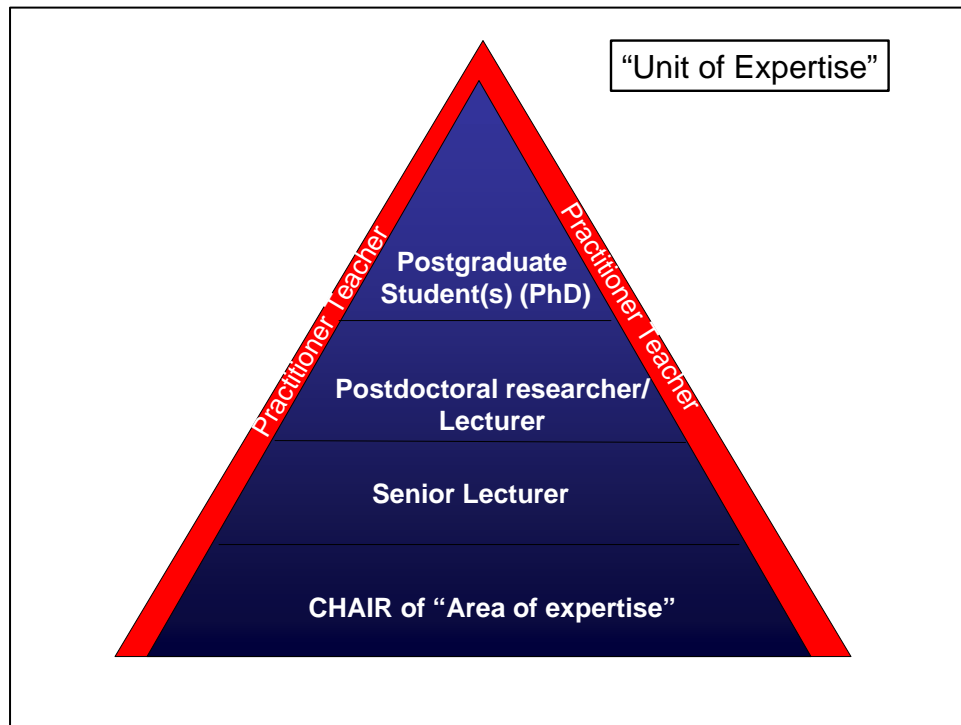
Norman Graeve discussed the length of time it takes to gain funds for Chairs and that these funds can take up to 2 years work to complete including requirements from the Sponsor.

Meetings and proposals for some of the projects listed as being pursued have already begun in 2006 and will continue in 2007, hoping for a conclusion in that year.

All other projects which arose from the discussion on 14 August will be earmarked for 2007-9 and preparation will commence for those projects in the latter half of 2006, pending approval from the PPF Executive.

Prof. Charlie Benrimoj noted the following.

Since we have found that Chairs are hard to fill, so we should look at other positions such as PhD's or Post Docs which will build our capacity in leading edge Pharmacy Practice.



"Unit of Expertise"

The Faculty of Pharmacy, University of Sydney, claims to be at the forefront of professional development, research and teaching within the profession of pharmacy, with particular expertise in several key areas. These areas can be considered "Units of Expertise". Each Unit of Expertise is self-contained under the leadership of a Chair in the "Area of Expertise". The chair is supported by a team of academic, research and teaching staff which allow the Unit to develop and maintain advances in the Area of Expertise both within the profession as well as within the research environment.

The Faculty of Pharmacy is looking to build capacity in several key areas and is currently building "Units of Expertise" both from bottom up as well as top to bottom.

Positions accompanying Chairs

PhD Scholarships

- \$25,000 pa for 3 years
- Training in research
- Help support professor
- Undertake in depth analysis of Pharmacy Practice issue
- Full-time commitment to one project

Company Benefits (PhD)

- Meet with PhD student at business
- Have access to reports possibly every six months
- Companies should look at the idea of overseas work where student works at company part time (Travel scholarship)
- Named position
- Name the area of research they are interested in
- Cost is a real benefit for the company
- Look at the possible outcomes from the research for the Sponsor

Post Docs

- \$70 - 80,000 pa
- They are a full time researcher supporting a Professor.
- Employed by the University – dedicated to full time research
- Have a PhD in a particular research area – skilled in practice research
- Highly skilled and efficient management of research projects

Company Benefits (Post Doc)

- Full time researcher
- Named position
- Name the area of research they are interested in
- Have access to the Pharmacy Practice Group
- Have access to reports / research possibly every six months
- Presentation to company on research
- Possible evening outside curriculum where they could interact with students
- Join company advisory committees

Chair of Pharmacy Management

First approaches to PhD and Post Doc Positions

PhD Students:

Warwick Wilkinson Scholarship already funded and ready to start
Further Monies for a PhD Student available from the Pharmacy Practice Chair or a possible Sponsor

Post Doc Person to be funded by a sponsor.

PROPOSAL TO ESTABLISH A CHAIR OF PRIMARY CARE (Pharmacy)

This is a proposal to establish a Chair of Primary Care (pharmacy) in the Faculty of Pharmacy. It has been prepared for consideration for a Sponsor

The nature of primary care and self-care

Self-care refers to people taking responsibility for managing their own health. The scope of self-care can include care for children and other household members who need assistance. Self-care may involve accessing information, initiating contact with health professionals, and the use of other support services.

Individuals can undertake self-care across the entire spectrum of health and illness. Its application spans the promotion and maintenance of wellbeing; the prevention of ill health; the early detection of disease; diagnosis and assessment; treatment that provides relief, cure or both; and monitoring and follow-up. The process of self-care varies at different points in the spectrum. For example, the promotion and maintenance of wellbeing may involve lifestyle and behavior change; early detection of disease may involve self-examination of specific body parts; diagnosis and assessment may involve the use of information to make decisions, often in conjunction with health professionals; treatment may involve appropriate use of medication, including appropriate self-adjustment of medication regimens; and monitoring and follow-up may involve self-testing, e.g. blood glucose measurement.

Roles of pharmacy in primary care and self-care

Currently, pharmacy has major roles in enabling and supporting self-care. Traditionally, pharmacy has provided access to products and advice that enable individuals to treat minor ailments and manage chronic disease. Increasingly, community pharmacy is providing services that give individuals the knowledge and confidence for the promotion of wellbeing, the prevention of disease and the detection of ill-health. Hospital pharmacy and community pharmacy both provide services that give individuals the knowledge and confidence to maintain complex treatments and monitor their condition.

Two characteristics of community pharmacy make it particularly suitable for enabling and supporting self-care. First, community pharmacy is arguably the most accessible source of professional advice on health matters. A relatively large number of pharmacies are conveniently located in public places such as shopping centres, and people can enter a pharmacy and talk to a pharmacist on a planned or spontaneous basis without an appointment and without a significant waiting time. Second, while pharmacists have a professional relationship with their clients, interactions take place in a retail environment in which individuals are accustomed to a high level of control – much more so than in, say, a doctor's surgery.

The need for a Professor of Primary Care (Pharmacy)

Self-care is important for individuals, in that it gives them choice and control over their lives. It is central to the concept of self-efficacy, which refers to individuals' capacity (through knowledge, competence and resources) to make choices about their health. There is evidence that self-efficacy contributes to survival and quality of life in several chronic diseases, such as chronic heart failure and diabetes.

Self-care is also important for the health system. It gives individuals choice and control over the lives, and it relieves the health system of a large workload. Without self-care, health systems could not cope. Changes in the management of acute health problems, particularly the reduced length of stay for patients in acute hospitals, has given patients much more involvement in their own care, for example after early discharge from hospital.

In addition, self-care is a major factor affecting the consumption of health-related products such as over-the-counter medications, items used for treating minor ailments (e.g. thermometers and bandages), and items used in the management of chronic conditions (e.g. glucose-monitoring equipment). As such, patterns of self-care are of great commercial importance.

Despite its importance, there has been relatively little study of patterns of self-care in different communities, factors that influence the effectiveness of self-care, and the interactions of self-care practices with practices of health professionals and with the organisation of health care.

The creation of a Chair in Self-care and an associated academic stream will provide a capacity to carry out research into these issues and translate the research into opportunities for health improvement and economic development.

Roles of a Professor of Primary Care (Pharmacy)

Teaching

The Professor of Primary Care (pharmacy) will lead the development of units of instruction in self-care relating to individuals, self-care relating to the health system and self-care relating to the health industry. These units will be incorporated in all educational programs at Bachelor's and Master's degree levels in the Faculty of Pharmacy, particularly in community pharmacy, and in other educational programs conducted by the College of Health Sciences. The Professor will also lead the development of short continuing-education courses for pharmacists and other health professionals, concentrating on methods for promoting effective self-care and enhancing interactions between self-care and professional activity.

Research

The Professor will also develop a program of research on self-care issues, and seek external grants to fund the research. Collaborative research with other

groups (e.g. in behavioral sciences and business management) in and beyond the University of Sydney will be strongly encouraged. The research role will include training and supervision of PhD and other postgraduate research students.

Service and consultancy

In addition, the Professor will have an advisory role to the pharmacy profession, other professions, the health industry and government on a consultative basis. Where appropriate, he or she will provide professional and public comment and participate in community debate on aspects of self-care.

Benefits

Benefits to the health professions and the community

The Professor will:

- build knowledge on self-care, with particular reference to its links with community pharmacy;
- expand knowledge in the field through research;
- provide a focus of expertise to which the community and health professions can turn for advice; and
- translate knowledge on self-care into information for policy and improvements in health and the health system.

Benefits to the Department of Health and GSK

- By supporting the Chair of Primary Care, the sponsor will be identified as leaders in promoting self-care, its effectiveness and its benefits.
- The Sponsor will be in a position to suggest priorities for research on self-care.
- Other benefits directly affecting the Sponsor could be negotiated, e.g. the publication of newsletters on a regular basis in a pharmacy journal, and possible involvement of the Chair in appropriate advisory committees.

Benefits to the University of Sydney

- The University will strengthen its vocational degree programs by incorporating instruction relating to self-care.
- It will strengthen its engagement with the profession by offering continuing-education programs relating to self-care.
- The Faculty will also establish a vigorous new research agenda, a consultancy stream relating to self-care, and a public profile in the field.

Company Benefits

- Named position
- Name the area of research they are interested in
- Have access to the Pharmacy Practice Group
- Have access to reports / research possibly every six months
- Presentation to company on research
- Possible evening outside curriculum where they could interact with students
- Join company advisory committees

- Full time researcher
- Named as Governor of the Foundation
- Full report each year in the Foundations Annual Report
- Yearly meeting to establish possible direction or change in direction that the sponsor may wish
- The chair person to become familiar with the Sponsor company and its strategic direction for each year (visit to company)
- To be able to publicise its involvement with the Faculty of Pharmacy and the PPF.
- Free adverts in Fiat Mist X 4 issues
- Involved in Annual Strategic Forum

Funding

Funding contributions to the Chair of Primary Care (pharmacy) would be via the Pharmacy Practice Foundation and could take one of two forms.

- 1) Endowment of the Chair: a once-only contribution of the order of \$3.3 million. This would be payable over a negotiated period.
- 2) An annual grant of the order of \$180,000. A minimum period of five years' funding would be required to secure a senior person

The Faculty of Pharmacy will provide infrastructure for the activities of the Professor, including an office, office equipment, secretarial services, research space and facilities, and postgraduate students.

Sponsors

Sponsors for this project are Companies with a wide range of OTC Pharmacy products that are vitally interested in keeping product in Pharmacy and also enhancing its image with the Profession.

PROPOSAL TO ESTABLISH A CHAIR OF QUALITY AND SAFETY (PHARMACY) AT THE UNIVERSITY OF SYDNEY

Quality and Safety as a contemporary issue

Achieving quality and safety in health care is an ongoing challenge for complex health care systems. Research in the 1990s showed that approximately 17% of hospital admissions were associated with an "adverse event", which resulted in disability or a longer hospital stay for the patient and was caused by health care management; 51% of the adverse events were considered preventable. They accounted for 8% of all hospital bed days in Australia at a 1992 cost of over \$2.2 billion. Moreover, 2-4% of all hospital admissions, and up to 30% for patients > 75 years of age, were medication-related; up to three-quarters potentially preventable.

In recognition of the scale of shortfalls in quality and safety in the health sector, the Australian government established the Australian Council for Safety and Quality in Health Care, in 2000, for a five-year term, to develop a broad program to address the issue. Over its 5 year term the council implemented a number of key initiatives which included a national system for reporting, collecting, analysing and correcting causes of severe adverse events, and a single national medication chart and national standards for the training of health care professionals and streamlining systems in the hospital setting.

In January 2006, a new Australian Commission on Safety and Quality in Health Care succeeded the Australian Council for Safety and Quality in Health Care. While attention on improving the safety of hospitals will be maintained, quality improvement in primary health care and the private sector will also become priority areas.

Achieving safe, effective and responsive care for consumers will be a key objective of the Commission.

Roles of pharmacy in quality and safety

Currently, pharmacy has a major role in enabling and supporting quality and safety especially in the area of medicines. Under the umbrella of the National Medicines Policy, pharmacists are key custodians of the quality use in medicines policy that refers to achieving the best possible use of medicines to improve health outcomes for all Australians. This was recognized in the Second National Report on Patient Safety, Improving Medication Safety, which stated that pharmacists in hospitals can support systems to reduce medication incidents through patient and staff education, monitoring and medication review, transfer of information from the hospital to community setting and provision of discharge management services.

In the community, accredited pharmacists provide Home Medicines Review and case conferencing which aim to reduce the risk of medication related problems for high risk individuals.

The need for a Professor of Quality and Safety (Pharmacy)

Notwithstanding the significant gains in quality and safety over the past 5 years, there are continuing problems in the safety of medicines which result in morbidity, hospitalizations and mortality. The problems stem from unrecognized and poor documentation of adverse events, errors in prescribing and dispensing and in the institutional context errors in administration of medicines.

Quality and safety is an important issue for individuals in an aging society. With increased longevity there are a greater number of diseases or conditions that co-exist. Each condition is associated with a drug treatment and as the number of medications increase, so does the risk of developing an adverse medication event. Thus in the coming decades, safety in medication management will increasingly become a central focus of health care for the community.

Quality and safety is also important for the health system. Working to improve quality and safety in health care will translate into more efficient and effective use of meager resources and substantial cost savings especially in respect of avoiding hospitalization due to preventable adverse effects. .

Given the central role of pharmacy, in the process of *pharmaceutical review*, a group of key strategies to address deficits in quality and medication safety in the health care system, it is both critical and timely for the faculty of Pharmacy and the University, to give recognition to this endeavor through the creation of a Chair in Quality and Safety. The Chair will provide a leadership role, and with an associated academic stream, enhance capacity to carry out research into quality and safety focusing on three elements; hospital, community and the links representing continuity of care. An important outcome will be the alignment of research and health policy and the opportunity to gather a body of evidence for improved outcomes in medication safety as well as the contribution of pharmacy to health care and outcomes in the Australian community.

Roles of a Professor of Quality and Safety (Pharmacy)

Teaching

The Professor of Quality and Safety (pharmacy) will lead the development of specialized units on quality and safety in health care with a particular focus on medication safety, to be incorporated into the curriculum of the Bachelor's and Master's degree levels in the Faculty of Pharmacy, and in other educational programs conducted by the Faculties of Health. They will also play an advisory role in ensuring that the guidelines of the National Patient Safety Education Framework are translated throughout the curriculum of the Bachelor's and Master's degree levels in the Faculty of Pharmacy. The Professor will also lead the development of short continuing-education courses for pharmacists and

other health professionals, concentrating on methods for promoting quality and safety throughout the profession.

Research

The Professor will also develop a program of research on quality and safety issues, and seek external grants to fund the research. Collaborative research with other groups (e.g. medicine, nursing, public health) in and beyond the University of Sydney will be strongly encouraged. The research role will include training and supervision of PhD and other postgraduate research students.

Service and consultancy

In addition, the Professor will have an advisory role to the pharmacy profession, other professions, the health industry and government on a consultative basis. Where appropriate, he or she will provide professional and public comment and participate in community debate on aspects of quality and safety

Benefits

Benefits to the health professions and the community

The Professor will:

- build knowledge on quality and medication safety, across health care settings
- expand knowledge in the field through research;
- provide a focus of expertise to which the community and health professions can turn for advice
- translate knowledge on quality and safety into information for policy and improvements in health and the health system.
- translate research outcomes into practice through student education, and;
- produce better health outcomes for those at risk of medication incidents

Benefits to the Department of Health

- By supporting the Chair of Quality and safety, the Department and will be identified as leaders in promoting quality and safety especially in medication use, its effectiveness and its benefits.
- The Department will be in a position to suggest priorities for research on quality and safety in pharmacy.
- Other benefits directly affecting the Department may be negotiated, e.g. the publication of newsletters on a regular basis in a pharmacy journal, and possible involvement of the Chair in appropriate advisory committees.

Benefits to the University of Sydney

- The University will strengthen its vocational degree programs by incorporating instruction relating to quality and safety in medication use.
- It will strengthen its engagement with the profession by offering continuing-education programs relating to quality and safety.
- The Faculty will also establish a vigorous new research agenda, a consultancy stream relating to quality and safety, and a public profile in the field.

Company Benefits

- Named position
- Name the area of research they are interested in
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The Faculty of Pharmacy will provide infrastructure for the activities of the Professor, including an office, office equipment, secretarial services, research space and facilities, and postgraduate students.

PhD students to be funded for all Chairs

Post Doc person to be funded for all Chairs

Further areas to be targeted for 2007-9

Geriatrics

- A postdoc to support Andrew McLachlan in the Chair of Aged Care.
- Andrew McLachlan to accompany Norman when he visits companies
- PhD Students to be funded

- Post Doc to be funded
- Sponsor can have some involvement in what research areas they would most likely want to see for the funding provided

Nicotine Replacement Specialist

- Suggested by Graham Perl of Pfizer during discussions involving the Chair of Management.
- Specialist Practitioner to be funded at \$16,500 pa for 3 years

Interdisciplinary / Primary Care

- Would involve doctors, nurses and pharmacists working together as a team

Pamphlet

- A pamphlet or brochure to be produced for all positions we are targeting.
- To be produced professionally as well as a full statement about each position including benefits to all parties

PPF PEOPLE INVOLVEMENT

The above program is very extensive and substantial. It will require the efforts of many people to ensure its success.

It is vital that all those involved with the PPF when called upon will be willing to give some assistance in various areas, particular in ensuring that the right people are spoken to and that the projects are given the full attention of all involved.

The importance of great personal connections cannot be emphasized too much and in the end this will be the difference between success or failure in these ventures

Student lectures

- Companies be offered the opportunity to give an after hours lecture to students
- To be arranged with SUPA
- PPF give some money to encourage SUPA to be involved

PPF Membership (Possible Benefits)

- Sit in on lectures or tutorials
- Can contact staff about research an possible research areas
- Choose students for Mentor program
- Ask Jo-anne Brien about possible linkages
- Tour of faculty
- Industry lunch
- Free seminar attendance
- Copies of PPF publications
- Annual cocktail party
- Given opportunity to participate in research

- Preceptor training
- Opportunity to participate in an annual forum to discuss the curriculum
- Involved in annual Strategic Forum

Possible programs for the latter half of the 2007-9 program

Diabetes

- Work towards Chair, PhD or Post doc as above

Asthma

- Work towards a Chair, PhD or Post doc as above

Not included in this program is the ongoing involvement with the:

- 1) PPF Seminars and the roll out Nationally
- 2) All other programs continuing as in place

Projects 2007-2009

Project	2007	2008	2009	Cost p.a.
Community Pharmacy Liaison Officer	2X\$16,500	2X\$16,500	2X\$16,500	\$33,000
Chair of Pharmacy Management PhD Students	2X\$25,000	2X\$25,000	2X\$25,000	\$50,000
Chair of Pharmacy Management Post Doc Position	1X\$80,000	1X\$80,000	1X\$80,000	\$80,000
Chair Pharmacy Quality Care	1X\$180,000	1X\$180,000	1X180,000	\$180,000
Chair of Pharmacy Quality Care PhD Students		2X\$25,000	2X\$25,000	\$50,000
Chair of Pharmacy Quality Care Post Doc Position		1X\$80,000	1X\$80,000	\$80,000
Chair of Pharmacy Quality Safety		1X\$180,000	1X\$180,000	\$180,000
Chair of Pharmacy Quality Safety PhD Students		2X\$25,000	2X\$25,000	\$50,000
Chair of Pharmacy Quality Safety Post Doc Position		1X\$80,000	1X\$80,000	\$80,000
Specialist Practitioner Teacher Mental Health	1X\$16,500	1X\$16,500	1X\$16,500	\$16,500
Chair of Aged Care Ph D Students		2X\$25,000	2X\$25,000	\$50,000
Chair of Aged Care Post Doc Position		1X\$80,000	1X\$80,000	\$80,000
Nicotine Replacement Specialist	1X\$16,500	1X\$16,500	1X\$16,500	\$16,500
New Membership Brochure etc	\$15,000			
Total Funds to gain Yearly				\$946,000