



CABINET 18

Susan Heydon and Stephen Duffull, *Pharmacy at Otago: The First 50 Years - the School, the Profession and the People*. Dunedin: New Zealand's National School of Pharmacy, University of Otago, 2013

Photograph: School of Pharmacy graduating class, 1 December 2012

University of Otago Calendar 2013. Dunedin: University of Otago, 2012

DVD: School of Pharmacy Students. Duffy Donka and the P Factory. *Pharmacy Revue 2011*

Rajesh Kumar, 'Prescribing – let's do it now!' *Pharmacy Today*, December 2009. School of Pharmacy Collection

University of Otago, School of Pharmacy, *Information Sheet 2013: Pharmacy, Medicines for Life*

_____, *Information Leaflet: Postgraduate Studies 2013*. PCX547 Medicines and Culture.

WALLS

Pharmacy School Magazine 1991. School of Pharmacy Collection

Dispensers Certificate. Awarded to Barbara Kathlyn Cook by the Society of Apothecaries of London, July 1934. Private collection

Anon., *Morison's Pills/The True Lifepreserver*, c.1838, from *The Bruising Apothecary. Images of Pharmacy and Medicine in Caricature* (London: Pharmaceutical Press, 1989)

Richard Dighton, *One of the Advantages of GAS over OIL*, February 1822, from *The Bruising Apothecary. Images of Pharmacy and Medicine in Caricature* (London: Pharmaceutical Press, 1989)

Photograph: School of Pharmacy graduation hood, December 2012. School of Pharmacy collection

Anon., *Femme d'apoticair/eine apoteckerin*, c.1700, from *The Bruising Apothecary. Images of Pharmacy and Medicine in Caricature* (London: Pharmaceutical Press, 1989)

Pharmacy Guild of New Zealand posters, circa 1990s: Vincent Van Gogh, Edvard Munch, Roy Lichtenstein, Leonardo da Vinci, and George Seurat. School of Pharmacy Collection

Pharmacy Guild of New Zealand poster, 'Why do I have to wait for my Prescription' poster, Project Connect, 2009

_____, 'I bet you have to be really smart to be a pharmacist' poster, Project Connect, 2009

Auckland Pharmaceutical Students' Association, 'Chemist or Chemist?', *Scale Paper*, a monthly publication of the Auckland Pharmaceutical Students' Association, March-April, 1963. Medical: New Zealand Collection Journals

VITRINES

1. A selection of New Zealand, British and American books on pharmacy and medicines

2. A selection of chemists' medicine bottles, New Zealand

3. A selection of ceramic medicine containers

4. Chemist's scales and a selection of mortar-and-pestles

REFERENCES:

Susan Heydon and Stephen Duffull, *Pharmacy at Otago: The First 50 Years - the School, the Profession and the People*. Dunedin: New Zealand's National School of Pharmacy, University of Otago, 2013

Curated by: Michael Bagge and Susan Heydon.

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FROM APPRENTICE TO GRADUATE

50 years of pharmacy education
at the University of Otago, 1963-2013



EXHIBITION LIST

5 April to 25 June 2013



CELEBRATING PHARMACY

In 2013 the School of Pharmacy at the University of Otago celebrates its 50th Jubilee, a milestone that also represents 50 years of a degree qualification for New Zealand pharmacists and the first four-year pharmacy degree in Australasia. The School started life as the Department of Pharmacy in 1960, but at the end of 1962 became the joint Department of Pharmacology and Pharmacy. The first three students completed their degree in 1965, graduating with a Bachelor of Pharmacy. In contrast, in December 2012, 138 students graduated.

The training to become a pharmacist in New Zealand was originally based on an apprenticeship system and from 1881 pharmacists had to be registered. Trainees were indentured to a practising pharmacist and learned from them while working in their pharmacy. Some courses were available. Apprentices sat two examinations, Pharmacy B and Pharmacy C, which were run by the Pharmacy Board and taken in various places around the country.

In 1958 the New Zealand government decided that most pharmacists from 1960 would train through a two-year full-time course at the Central Technical College at Petone (near Wellington) with a university degree course at the University of Otago reserved for a small number of pharmacists requiring more advanced training. In 1989 the government decided that from 1990 a degree would become the minimum qualification for all New Zealand pharmacists and that pharmacy would be taught on one site only at the University of Otago. In 1991 the School of Pharmacy was established with an intake of 100 students. In 1999 a second School of Pharmacy was established at the University of Auckland.

The exhibition *From Apprentice to Graduate, 50 Years of Pharmacy Education at the University of Otago, 1963-2013* first features a selection of botanicals as originally most medicines were directly derived from plants. It then looks briefly at pharmacists and apothecaries in Britain as this country had considerable influence on developments in New Zealand. The majority of the exhibition spans the history of pharmacy education in New Zealand from the nineteenth century, when pharmacists were apprentices who compounded the majority of their medicines on site, through to the present day graduates. Although the exhibition touches on the broader history of pharmacy in New Zealand, as this is inextricably linked with education, this is not the main focus.

The exhibition features items from the Hocken Collections, the Medical Library, the Central Library and Special Collections, University of Otago. It also features items from private collections and the School of Pharmacy collection.

ITEMS ON DISPLAY

CABINET 1

Basilus Besler, [Hortus Eystettensis]. *The Garden at Eichstätt: The Book of Plants*. London: Taschen, 2000. Special Collections, QK 41 BJ24 2000
[John Gerard], *The Herball or Generall Historie of Plantes*. London: Printed by Adam Islip, Joice Norton and Richard Whitakers, 1633. de Beer Collection, Ec 1633 G
Betty Shaw-Lawrence, *An Herbarium for the Fair: Being a Book of Common Herbs with Etchings*. London: The Hand & Flower Press, 1949. Special Collections QK 98 F743
[Juan Tafalla], *Flora Huayaquilensis*. Matritii: Editio facta ab Instituto ad Conservandam Naturam et ab Horto Regio Matritense, 1989. Special Collections, QK 271 T286 1989

CABINET 2

Dioscorides Pedanius, *Dioscoridis libri octo Graece et Latine*. [Paris: Arnoldi Birkmanni], 1549. Shoults Collection, Fb 1549 D
Pliny Secundus, *The Historie of the World*. London: Printed by Adam Islip, 1634-1635. de Beer Collection, Ec 1634 P

CABINET 3

Jonathan Pereira, *Selecta è Præscriptis. Selections from Physicians' Prescriptions*. London: S. Highley, 1847. Medical Library: Historical Collection, QVC S464
Jane Eastoe, *Victorian Pharmacy Remedies and Recipes*. London: Pavilion, 2010. School of Pharmacy Collection
Friedrich Mohr, *Practical Pharmacy: The Arrangements, Apparatus, and Manipulations, of the Pharmaceutical Shop and Laboratory*. London: Taylor, Walton, and Maberly, 1849. Medical Library: Historical Collection, QVA M699

CABINET 4

Daniel Vangroenweghe, *Apothecaries' Weights: Pondera Medicinalia*. Belgium: Centre for the Study of Apothecaries' Weights, 1989. Storage: Medical Books, WZ 417.V253
W. S. C. Copeman, *The Worshipful Society of Apothecaries of London, a History, 1617-1967*. Oxford: Pergamon Press, [c1967]. Storage: Medical Books, WZ 402.C782

CABINET 5

David L. Cowen, *Pharmacy, An Illustrated History*. New York: Abrams, 1990. Storage: Medical Books, WZ 417.C874
P. M. E. Williams, *Te Rongoā Māori: Māori Medicine*. Auckland: Reed, 1996. Central, QV766.WQI6

CABINET 6

Framed 1885 prescription presented to Professor Peter Coville, former Dean of the School of Pharmacy. School of Pharmacy Collection
Murray R. Frost, *Behind the Dispensing Screen, Early New Zealand Pharmacists*. Hamilton: M.R. Frost, 2004. Hocken: WZ 417 F732

CABINET 7

Indenture agreement between Roy Gardner, his father Alfred Gardner and chemist Herbert Wood, 1913. Dr Roy Gardner: Personal papers, 95-181/005. Hocken Archives and Manuscripts
Roy Gardner Certificate of Registration as a Pharmaceutical Chemist under the Pharmacy Act 1908, March 1919. Dr Roy Gardner: Personal papers, 95-181/002. Hocken Archives and Manuscripts

CABINET 8

Pharmacy account book (1928-1930) from a Dunedin Pharmacy. School of Pharmacy Collection
'Dale the Chemist' Calendar, 1938. School of Pharmacy Collection
Handbook with Pharmacy recipes, 1913-1917. Dr Roy Gardner: Personal papers, 95-181/008. Hocken Archives and Manuscripts

CABINET 9

Pharmacy Board of New Zealand, Section B Examination, November 1929, Practical Chemistry. School of Pharmacy Collection
____, *Section B Examination, May 1930, Botany*. School of Pharmacy Collection
____, *Section C Examination, November 1931, Written Pharmacy*. School of Pharmacy Collection
____, *Section C Examination, November 1931, Practical Pharmacy*. School of Pharmacy Collection

CABINET 10

Incapacitated Returned Soldier, *Secret Recipes: Selected, Practical, Original: Comprising, the Home Doctor, Invalid Cookery, Cakes, Pastry, etc., Household Recipes, Beveridges, Cordials, Wines, etc*. Wellington: Civic Press, [1920?]. Hocken: WB120 .IB7
W. H. Comstock Co., *Handy Home Hints*. Wellington: W. H. Comstock Co., [193-?]. Hocken: TX145 H687
Pharmaceutical Society of New Zealand, *Pharmaceutical Journal of New Zealand*, Vol.1, no.1, 20 October 1928. Medical: New Zealand Collection Journals

CABINET 11

Photograph: inside a teaching laboratory at the College of Pharmacy at 59 Cambridge Terrace, Wellington, circa 1950s. School of Pharmacy Collection
Auckland Pharmaceutical Students' Association, *Scale Paper*, a monthly publication of the Auckland Pharmaceutical Students' Association, October 1959. Medical: New Zealand Collection Journals
Reg Combes, *Pharmacy in New Zealand: Aspects and Reminiscences*. Auckland, (N.Z.): Ray Richards Publisher for Pharmaceutical Society of New Zealand, 1981. Storage: Medical Books, WZ417 CS62
F. N. Fastier, *Pharmacy Teaching at Otago University: How It Began*. Dunedin: Amidine Publications, 1992. Hocken: WZ417.F251
Photograph: Professor Fred Fastier, circa 1980. Private collection

CABINET 12

Auckland Pharmaceutical Students' Association, *Scale Paper*, a monthly publication of the Auckland Pharmaceutical Students' Association, Christmas 1959. Medical: New Zealand Collection Journals
____, *Scale Paper*, a monthly publication of the Auckland Pharmaceutical Students' Association', August 1959. Medical: New Zealand Collection Journals
Central Institute of Technology [C.I.T] Pharmacy Students, *SPY: School of Pharmacy Yearbook 1980*. Private collection
____, SPY 1982. C.I.T. School of Pharmacy Collection

CABINET 13

William Martindale, *The Extra Pharmacopeia*. 25th ed. London: Pharmaceutical Press, 1967. School of Pharmacy Collection
Arthur Owen Bentley, *A Text-book of Pharmaceutics*. London: Baillière, Tindall and Cox, 1942. School of Pharmacy Collection
British Medical Association, Pharmaceutical Society of Great Britain, *British National Formulary 1960*. London: British Medical Association, Pharmaceutical Society of Great Britain, 1960. School of Pharmacy Collection

CABINET 14

H. Shirley Smith, *Pills, Potions and Pharmaceutical Paraphernalia: 100 Years of Dispensing: The Invercargill United Friendly Societies' Dispensary, Tay Street, Invercargill, 1884-1984*, Invercargill: Invercargill United Friendly Societies' Dispensary Committee, 1984. Hocken: HD8039.D74 SM51
Louise Shaw, 'Prescription for change? Dispensing with men: a history of women in New Zealand pharmacy, 1881-1991'. M.A. (History), University of Otago, Dunedin, 1996. Hocken: Theses Sha
Photograph: 2nd year pharmacy student compounding a cream for PHCY 263, 2011. School of Pharmacy Collection

CABINET 15

University of Otago, Department of Pharmacology and Pharmacy: 1st BPharm Certificate, 9 December 1965. Private collection
Photograph: Graduating class 1965; Robert Tribe, Margaret Sumich, and Kenneth Taylor. School of Pharmacy Collection
Photograph: Pharmacy laboratory in the old Dental School annexe with Graham Engel (lecturer) on the left, circa early 1960s
Assoc Prof Fred Fastier, 'Justification Statement for the proposed purchase of the Knox October Sunday School building by the Department of Pharmacology and Pharmacy, 5 October 1966'. Prof Angus Ross Papers: Paper relating to Pharmacy accommodation, MS-1050/029. Hocken Archives and Manuscripts
____, letter to the Dean, Medical School, University of Otago, 19 February 1966. Prof Angus Ross Papers: Papers relating to Pharmacy accommodation, MS-1050/029. Hocken Archives and Manuscripts

CABINET 16

Department of Pharmacy, Pharmacy Students, *Pharmacy Magazine 1984*. Private collection
____, Editorial, *Pharmacy Magazine 1984*. Private collection
Photograph: Adams Building, University of Otago, 2012
Photograph: Department of Pharmacy laboratory, University of Otago, early 1980s
Panacea, No 1, 1996. School of Pharmacy Collection

CABINET 17

Minutes of the Committee Meeting of the Otago University Pharmacy Students Association, 1963. School of Pharmacy Collection
Department of Pharmacy, Pharmacy Students, *Pharm-Anal*, 1983. Private collection
New Zealand Association of Pharmacy Students Otago, *Pharmacy Magazine*. 2011, 1998, 1995, 1993. Private collection