

# Complete Curriculum Vitae:

## **PRESENT APPOINTMENT:**

2000- Urologist, Royal Melbourne Hospital.  
Senior Fellow, University of Melbourne.

## **PAST APPOINTMENTS at RMH:**

1996-1999: Head of Urology, Royal Melbourne Hospital.  
1995-1996 Acting head, Urology Unit, The Royal Melbourne Hospital.  
1988-1995 Urologist. The Royal Melbourne Hospital  
Member Senior Medical Staff from October 1989.  
Jan 1977 Assistant urologist, Dept of Urology, RMH  
Associate in Department of Surgery, The University of Melbourne.

## **HONORARY POSITIONS:**

Member, Medical Advisory Committee, Freemasons Hospital. (1989)  
Member Board of Management, Freemasons Hospital. (1989)

## **UNDERGRADUATE:**

1963-1964 Science School, The University of Melbourne  
1965-1969 Medical School, The University of Melbourne Clinical School, The Royal Melbourne Hospital.

## **PAST APPOINTMENTS:**

1970 Junior Resident Medical Officer,  
The Royal Melbourne Hospital.  
1971 Senior Resident Medical Officer (Surgery),  
The Royal Melbourne Hospital.  
1972 Resident Surgical Officer,  
The Royal Melbourne Hospital.  
1973 General Surgical Registrar,  
The Royal Melbourne Hospital.  
1974-1975 Senior Registrar in Urology,  
The Royal Melbourne Hospital.  
1976 Resident in Urology,  
The University of Michigan, Ann Arbor, Michigan, USA  
1977-1979 Associate Assistant Urologist,  
The Royal Melbourne Hospital.  
1979-1985 Assistant Urologist,  
The Royal Melbourne Hospital.  
1985-1988 Senior Assistant Urologist,  
The Royal Melbourne Hospital.

1977-1979	Visiting Specialist in Urology, Repatriation General Hospital, Heidelberg.
1979-1989	Senior Urologist, Visiting, Repatriation General Hospital.
1978-1980	Consultant Urologist, Multiple Sclerosis Society.
1977-1980	Assistant Surgeon, Department of Nephrology, The Royal Melbourne Hospital.
1980-1982	Assistant Surgeon, (Renal transplant service), The Royal Melbourne Hospital.
1986-1992	Accredited Urologist, Lithotripsy Service, St. Vincent's Hospital.

### **PAST HONORARY POSITIONS:**

Member, Executive Committee, Victorian Section, Urologic Society of Australasia. (1982 - 1988)

Member, Young Surgeons Subcommittee of the Royal Australian College of Surgeons. 1983 -1986)

Chairman, Medical Advisory Committee, Freemasons Hospital, Albert St. East Melbourne. 1989 - 1992

Member, Training, Accreditation and Education Subcommittee (Victoria) Urologic Society of Australasia. (1988-1993)

Member, Research Advisory Subcommittee of the Urological Society of Australasia (1989)

Member Victorian State Committee of the Australian Kidney Foundation. (1989)

Member Medical and Scientific Research Committee, Australian Kidney Foundation.

### **PROFESSIONAL ASSOCIATIONS:**

Fellow: Royal Australasian College of Surgeons.

Member: Australian Medical Association.

Member Urological Society of Australasia.

Member Australia & New Zealand Association of Urologic Surgeons.

Member: American Urological Association. (A.U.A.)

**RECENT STUDIES:**

1. **Investigator:** A Randomised, Controlled, Multi-centre Study Comparing Intermittent to Continuous Androgen Blockade in the Treatment of Prostatic Cancer. **TULP Study**
2. **Investigator:** A Multi-centre, Randomised, Double-blind, Double-dummy, Parallel-group Study to Compare the Safety and Efficacy of GI98745 0.5 mg od versus Finasteride 5mg od for Twelve Months in the Treatment of Benign Prostatic Hyperplasia. **ARI 40001**
3. **Investigator:** Subject Genotyping During the Course of Study ARI 40001
4. **Investigator:** A Randomised, Double-blind, Placebo-controlled, Two-year Parallel-group Study of the Efficacy and Safety of GI 98745 in the Treatment and Modification of Progression of Benign Prostatic Hyperplasia followed by a Two Year Open-label GI 98745 Treatment Phase. **ARIB 3003**
5. **Investigator:** TransEuropean Research Into the Use of Management Policies for BPH in Primary Healthcare. **Triumph Study.**
6. **Supervisor:** Julia Shah: Normal anatomy of the Seminal Vesicle. Attachment to the prostate and correlation with pathological processes of the prostate.
7. **Associate Researcher:** Efficacy study of HP749, 20 mg twice-daily versus placebo in patients with OAB.

**PUBLICATIONS: PAPERS**

The Treatment of Priapism by Caverno-Spongiosal Shunt - Results of Operation in Five Patients.

Harewood, L. M., Mc Omish, D.

Australian and New Zealand Journal of Surgery. Vol 46:3, August 1976.

Treatment of Advanced Bladder Cancer using Cisplatin.

Harewood, L. M., Nunn, I., Johnson, W., Sullivan, J. R., Moon, W. J., Leyden, M. J.

Australian and New Zealand Journal of Surgery Vol 53. 333-337. 1983.

Percutaneous Ultrasonic Disintegration and Removal of Renal Calculi.

Nunn, I., Harewood, L. M., Hare, W.S.C., Johnson, W., Cleeve, L., and Crosthwaite, A.

Medical Journal of Australia. Vol. 2: 543-546. November 1983.

Surgery for Renal Calculi.

Nunn, I., Johnson, W., Harewood, L.M., Cleeve, L. K., Crosthwaite. Letter to Editor.

Medical Journal of Australia. Vol. 143:529 1985.

The Significance of Urothelial Dysplasia as Diagnosed by Cup Biopsy.

Harewood, L. M.

Australian and New Zealand Journal of Surgery. Vol. 56: 199-203 1986.

The Visual Endourological Removal of Ureteric Calculi.

Harewood, L.M., and Cleeve, L.K.

Medical Journal of Australia. Vol. 145: 574-579 1986

Extraperitoneal laparoscopy: Early experience and evaluation.

Webb D.R., Redgrave N., Chan Y. and Harewood L.M.

The Australian and New Zealand Journal of Surgery 1993 63:554-557

Laparoscopic Needle Colposuspension for Genuine Stress Incontinence.

Harewood L.M.

Journal of Endourology 1993 7:319-322.

Laparoscopic ureterolithotomy: the results of an initial series, and an evaluation of its role in the management of ureteric calculi.

L.M.Harewood, D.R.Webb and A.J.Pope.

British Journal of Urology 1994 74:170-176

TransUrethral Needle Ablation of the Prostate (TUNA): Clinical Results and Ultrasound, Endoscopic and Histologic Findings in Pilot Study of Patients in Urinary Retention.

LM. Harewood, L.K. Cleeve, H.E.O'Connell, M.G.Vaughan and D. Agarwal.

Journal of Endourology, 1995 9:407-412

Extraperitoneal Laparoscopic Caliceal Diverticulectomy.

L.M. Harewood, D. Agarwal, S. Lindsay, M.G. Vaughan, L.K. Cleeve and D.R. Webb.

Journal of Endourology, 1996 10:425-430

A Study of the Efficacy and Safety of Transurethral Needle Ablation (TUNA) Treatment for Benign Prostatic Hyperplasia.

Millard R.J., Harewood L.M. and Tamaddon K.

Neurourology and Urodynamics 1996 15:619-629

Transitional cell carcinoma growing along an indwelling nephrostomy tube track.

S. Sengupta and L. Harewood.

British Journal of Urology 1998 82:591

Percutaneous Management of Caliceal Diverticular Calculi: Technique and Outcome.

S.M. Donnellan, L.M. Harewood, and D.R. Webb.

Journal of Endourology 1999 13:83-88

MR Imaging of Renal Masses interpreted on CT to be suspicious.

Richard Tello, Brian Davison, Martin O'Malley, Helen Fenton, Ken Thompson, David White, Laurence Harewood.

AJR 174:1017-1022. April 2000

#### **PUBLICATIONS: CHAPTERS IN TEXT BOOKS.**

Carcinoma of the Penis.

L. M. Harewood.

Lymph Node Surgery in Urology.

John P. Donohue. Isis Medical Media, Oxford 1995 pages 99-113

Laparoscopic Surgery for Stress Incontinence.

Laurence M. Harewood.

Textbook of Operative Urology.

Fray F. Marshall. W.B. Saunders. Philadelphia, Pennsylvania. 1996. Pages 178-187

Retroperitoneal Laparoscopic Colposuspension

L.M. Harewood

Retroperitoneal Laparoscopic Urology

Durga D. Gaur. Delhi Oxford University Press, Calcutta Chennai Mumbai 1997. Chapter 23, Pages 236 - 246

#### **PUBLICATIONS: - ABSTRACTS**

Voiding Pressure in Vesico-Ureteric Reflux.

Becker, G.J., Harewood, L.M., Kincaid-Smith, P.

Australian & New Zealand J. of Medicine. Vol 1:86, 1976 (Abstract)

The Mechanisms of Injury in Rupture of the Posterior Urethra and its Influence on Management.

Harewood, L. M.

British Journal of Urology. Volume 51:1, February 1979. (Abstract)

Experience with Cisplatin in Patients with Metastatic Carcinoma of the Bladder.

Harewood, L. M.

British Journal of Urology. Volume 51 (1):108. 1983 (Abstract)

Morphological and Functional Effects of Surgical Dilatation of the Dog Ureter.

G. J. Neerhut and L. M. Harewood.

British Journal of Urology. Volume 59 pg. 185 1987 (Abstract)

The Visual Endourological Removal of Ureteric Calculi.

L. M. Harewood and L. K. Cleeve

British Journal of Urology. Volume 61 pg. 78 1988 (Abstract)

Rectus Flap Colposuspension for Stress Urinary Incontinence.

L.M. Harewood

British Journal of Urology. Volume 65, pg. 88 Jan 1990 (Abstract)

Laparoscopic colposuspension and Stress Incontinence.

Harewood L.M.

J. Endourology 1992 6:S145 Abstract no. R-16

Holmium - The Multi-disciplinary and Multi-purpose Laser: An Initial Evaluation.

Webb, Goad, Kockleburgh, Johnson, Crosthwaite and Harewood.

Brit. J. of Urol. Vol 71 no. 1 pg. 93 Jan 1993.

Laparoscopic Ureterolithotomy, An early series.

L.M. Harewood, D.R. Webb, A.J. Pope.

J. Endourology, Vol 7, Supp 1, page S137, abstract no. P.X11-7 Oct 1993

Extraperitoneal laparoscopic ureterolithotomy utilizing balloon dilatation of the retroperitoneum. L.M. Harewood, D.R. Webb, A. Pope.

J. Endourology vol 7, supp 1, page S239, abstract no. V-160 Oct 1993

An early series of extraperitoneal balloon laparoscopic needle colposuspension for SUI.

L.M. Harewood, A Crosthwaite, D.R. Webb, A. Pope.

J. Endourology Vol 7 Supp 1, page S102, abstract no. P.V1-18 Oct 1993

A technique of extraperitoneal laparoscopic needle colposuspension: Results of an initial series.

Laurence M. Harewood, David R Webb, Alvan J Pope, Helen E. O'Connell.

J. Urol, vol 151, page 463A, abstract no. 942 May 1994.

Trans Urethral Needle Ablation of the Prostate (TUNA): A pilot study of patients in acute retention.

Laurence M. Harewood, Laurence K. Cleeve, Helen E. O'Connell, Alvin J. Pope, and Michael G Vaughan.

J. Endourology, Vol 8, Supp 1, page S144, abstract no. P17-389 Dec 1994

Extraperitoneal Laparoscopic Calyceal Diverticulectomy.

L.M. Harewood, M.G. Vaughan, S. Lindsay, D Agarwal, L.K. Cleeve and D.R. Webb. J. Endourology, Vol 9, Supp 1.

Nov 1995, page S101, P3-118

The Technique of Extraperitoneal Laparoscopic Calyceal Diverticulectomy: Video.

L.M. Harewood, M. Vaughan, S. Lindsay, D. Agarwal. L. Cleeve, and D. Webb

J. Endourology, Vol 9, Supp 1, Nov 1995, page S73, V5-254

Carcinoma of the Prostate: Improved Diagnosis by Specific Biopsy of the Peripheral Zone.

L.M. Harewood, and L.K. Cleeve.

J. Urology, Vol 155, May 1996. Supplement. Page 424A, no. 454.

Transurethral Needle Ablation of the Prostate (TUNA): A Pilot Study of its use in Patients in Urinary Retention.

L.M. Harewood, L.K. Cleeve, H.E. O'Connell, M. G. Vaughan and A.J. Pope.

ANZ J. Surgery. 1996. 66: 386

**PAPERS PRESENTED:**

Parathyroidectomy, - The Royal Melbourne Experience.  
Surgical Forum, The Royal Melbourne Hospital, 1973.

Corpora Caverosa- Spongiosa Shunt in the Treatment of Priapism.  
Surgical Forum, The Royal Melbourne Hospital, October 1974.

Intermittent Self Catheterization.  
Surgical Forum, The Royal Melbourne Hospital, October 1977.

Management of Traumatic Rupture of Membranous Urethra.  
Annual Scientific Meeting of the Urological Society Australasia, March 1978.

Urodynamic Assessment of Patients with Multiple Sclerosis.  
Annual Scientific Meeting of the Urological Society of Australasia, Melbourne, March 1979. Podium.

The Diagnosis of the Unstable Bladder Using a Simple Cystometrogram.  
Victorian Country Meeting of Urological Society of Australasia, November 1981.

New Approaches in Staghorn Calculus Surgery.  
Surgical Forum, The Royal Melbourne Hospital, October 1978.

Patch Graft Urethroplasty.  
Surgical Forum, The Royal Melbourne Hospital, October, 1979.

Urethral strictures - New Causes and New Treatments.  
Surgical Forum, The Royal Melbourne Hospital, October 1980.

The Unstable Bladder.  
Surgical Forum, The Royal Melbourne Hospital, October 1981.

Experience with Cisplatin in Patients with Metastatic Carcinoma of the Bladder.  
Annual Scientific Meeting of Urological Society of Australasia, Canberra, March, 1982. Podium.

Management of Advanced Carcinoma of the Bladder.  
Surgical Forum, The Royal Melbourne Hospital, September 1982.

Y-V Plasty for Bladder Neck Stenosis.  
Victorian Country Meeting of Urological Society of Australasia, Lorne, November 1983.

Urothelial Dysplasia and its Significance.  
Annual Scientific Meeting, Urological Society of Australasia, Melbourne. April 1984.

Recurrent Bladder Tumours and Urothelial Dysplasia.  
Surgical Forum, The Royal Melbourne Hospital, August 1984.

New Techniques in Endoscopic Ureteric Stone Removal.  
Surgical Forum, The Royal Melbourne Hospital, September 1985.

The Endo-Urologic Management of Ureteric Calculi.  
Victorian Country Meeting, Urological Society of Australasia, October 1985.

New Endoscopic Methods for the Removal of Ureteric Calculi.  
Young Surgeons Forum, R.A.C.S NOVEMBER 1985.

The Visual Endourologic Removal of Ureteric Calculi.  
Annual Scientific Meeting of the Urological Society of Australasia, Rotorua, March 1987. Podium.

Rectus Flap Colposuspension.  
Annual Scientific Meeting of the Urological Society of Australasia, Melbourne, March 1989. Podium.

Mainz Pouch Total Bladder Substitution.  
Victorian Country Meeting, Urological Society of Australasia, Sorrento, October 1989.

#### Laparoscopy in Urology:

Surgical Forum, The Royal Melbourne Hospital, March 1992.

#### Laparoscopic Surgery in Urology.

Annual Scientific Meeting of the Urological Society of Australasia, Adelaide March 1992. Podium.

#### Laparoscopic colposuspension.

"A course in Urologic Laparoscopy" The Centre for the Study of Endosurgery" Monash Medical School, Alfred Hospital, August 1992

#### Laparoscopic needle colposuspension.

10th World Congress on Endourology and ESWL. Singapore, September 1992 Poster.

#### Laparoscopic Ureterolithotomy

Annual Scientific Meeting, Urological Society of Australasia Hobart, March 1993. Podium.

#### Laparoscopic Needle Colposuspension

ASM Urological Society of Australasia, Hobart March 1993 Poster.

#### Laparoscopic Nephrectomy.

ASM, Urological Society of Australasia. Hobart, Tasmania. 1993. Video.

#### Laparoscopic Ureterolithotomy

A.S.C., Royal Australasian College of Surgeons. Adelaide May 1993. Podium.

#### Laparoscopic Ureterolithotomy: Results of an Early Series.

British Association of Urological Surgeons, Harrogate U.K. June 1993. Podium.

#### Laparoscopic Colposuspension.

11th World Congress of Endourology, Florence Italy October 1993 Poster.

#### Laparoscopic Colposuspension

11th World congress of Endourology Florence Italy October 1993. Video

#### Laparoscopic Ureterolithotomy.

11th World Congress of Endourology Florence Italy October 1993. Poster

#### Extraperitoneal Laparoscopic Ureterolithotomy.

11th World congress of Endourology Florence Italy October 1993. Video

#### Extraperitoneal Balloon Laparoscopic Needle Burch Colposuspension.

27<sup>th</sup> Conference of the Urological Society of India. Lucknow, India. November 1993. Podium.

#### Laparoscopic Ureterolithotomy: Results of an early series.

27<sup>th</sup> Conference of the Urological Society of India. Lucknow, India. November 1993. Podium.

#### Extraperitoneal laparoscopic colposuspension.

American Urological Association. San Francisco USA May 1994. Poster.

#### Extraperitoneal laparoscopic nephrectomy.

ASM Urological society of Australasia. Broome June 1994. Podium presentation and Video.

#### Trans urethral needle ablation of the prostate TUNA.

ASM Urological Society of Australasia, Broome June 1994. Podium presentation and Video.

#### Extraperitoneal laparoscopic colposuspension.

ASM Urological Society of Australasia. Broome June 1994. Podium presentation.

#### Lymph node surgery for Carcinoma of the Penis.

Societe Internationale de Urologie. "SIU" Sydney October 1994. Podium.



Transurethral needle ablation of the prostate.  
SIU Sydney October 1994 Video

Laparoscopic ureterolithotomy.  
SIU Sydney October 1994 Poster and Video

Extraperitoneal laparoscopic colposuspension.  
SIU Sydney October 1994 Video

Trans Urethral Needle Ablation of the Prostate:  
World Congress of Endourology and SWL, St. Louis, Missouri, USA. Dec. 1994 Poster and Video.

Trans Urethral Needle Ablation of the Prostate:  
ASM, Urological Soc of Aust. Auckland NZ, March 1995. Poster.

Laparoscopic Calyceal Diverticulectomy:  
World Congress of Endourology and SWL, Jerusalem, Israel. Nov 1995. Poster and Video.

Carcinoma of the Prostate: Improved Diagnosis by Specific Biopsy of the Peripheral Zone.  
ASM, Urological Society of Australasia. Canberra, Australia. March 1996. Poster.

Carcinoma of the Prostate: Improved Diagnosis by Specific Biopsy of the Peripheral Zone.  
American Urological Association, Orlando, Florida, USA. May 1996. Poster.

Laparoscopic Bladder Neck Suspension: Extraperitoneal, Burch Type, Needle Technique.  
3<sup>rd</sup> Asian Congress of Urology. Seoul, Korea. June 1996. Podium.

Extraperitoneal Laparoscopic Calyceal Diverticulectomy.  
3<sup>rd</sup> Asian Congress of Urology. Seoul, Korea. June 1996.

Laparoscopic Bladder Neck Suspension: A Burch type, Extraperitoneal Needle Suspension.  
8<sup>th</sup> VideoUrology World Congress. Antwerp, Belgium. June 1996. Video.

Transurethral Needle Ablation of the Prostate (TUNA): The technique, endoscopic and transrectal ultrasound findings.  
8<sup>th</sup> VideoUrology World Congress. Antwerp, Belgium. June 1996. Video.

The Technique of Extraperitoneal Laparoscopic Calyceal Diverticulectomy.  
8<sup>th</sup> VideoUrology World Congress. Antwerp, Belgium. June 1996. Video.

Carcinoma of the Prostate: Improved Diagnosis by Specific Biopsy of the Peripheral Zone.  
14<sup>th</sup> World Congress of Endourology and SWL. Melbourne, Australia. November 1996. Poster

Bioprosthesis in Incontinence.  
15<sup>th</sup> World Congress on Endourology and SWL. Edinburgh, September 1997. Plenary session presentation.

Laparoscopic Nephrectomy:  
Asian Congress on Urology. Beijing, August 2000

New Concepts on the Anatomy of the Prostate and the Neurovascular Bundle:  
Tianjin International Symposium on the Recent Advances in Urological Oncology. Tianjin, October 2005

## **VIDEOS PRODUCED:**

1992	Laparoscopic ureterolithotomy	L.M. Harewood
1992	Laparoscopic needle colposuspension	L.M. Harewood
1992	Laparoscopic pelvic orchidectomy.	L.M. Harewood
1992	Laparoscopic high ligation of varicocele.	L.M. Harewood
1992	Laparoscopic nephroureterectomy for duplex kidney.	L.M. Harewood and L.R. Kavoussi



- 1993 Extraperitoneal Laparoscopic Ureterolithotomy. Harewood L.M., Webb D.R. and Pope A.J.
- 1994 Extraperitoneal laparoscopic needle colposuspension. Harewood, O'Connell Pope and Webb.
- 1994 Extraperitoneal laparoscopic nephrectomy utilising balloon dilatation of the retroperitoneum. Harewood, O'Connell and Webb.
- 1994 Transurethral needle ablation of the prostate. "TUNA" Harewood, Cleeve, O'Connell and Pope.
- 1995 Visual Laser Ablation of the Prostate: L.M. Harewood
- 1995 Laparoscopic Calyceal Diverticulectomy. L.M. Harewood
- 1996 Laparoscopic Bladder Neck Suspension: A Burch type, Extraperitoneal Needle Suspension. Laurence M. Harewood.
1996. Transurethral Needle Ablation of the Prostate (TUNA): The technique, endoscopic and transrectal ultrasound findings. Laurence M. Harewood.

#### **SCIENTIFIC MEETINGS ORGANISED:**

- 1983 Annual Victorian Country Scientific Meeting of the Urological Society of Australia. LORNE VIC.
- 1987 Endourology Workshop, Freemasons Hospital East Melb.
- 1990 Urology Advanced Trainees Course, Royal Melb. Hospital.
- 1996 14th World Congress of Endourology. Melbourne Victoria, 11th - 14th November, 1996. Chairman of the Organising Committee.

#### **MEMBER OF ORGANISING COMMITTEE:**

- 1979 ASM, Urological Society of Australasia, Melbourne Vic.
- 1983 ASM, Urological Society of Australasia, Melbourne Vic.
- 1993 ASM, Urological Society of Australasia, Hobart Tas. Scientific Convenor.

#### **MEMBER OF FACULTY:**

- 1987 Endourology Workshop, Melbourne.
- 1992 Urological Laparoscopy Course, Monash University.
- 1993 Faculty member, 11<sup>th</sup> World Congress of Endourology and ESWL, Florence, Italy. October 1993
- 1994 Reporter for "Lymph node surgery in urology" at the SIU (International society of Urology) Sydney, September 1994.
- 1994 Member of the Instructional course faculty at the 12th World Congress of Endourology, St Louis, USA December 1994.
- 1995 Member faculty and invited speaker, 13<sup>th</sup> World Congress of Endourology and SWL, Jerusalem, Israel. Nov. 1995
- 1996 Invited speaker and member of faculty: 8<sup>th</sup> VideoUrology World Congress. Antwerp, Belgium. July 1996
- 1996 Chairman of Committee and Member of Faculty, 14<sup>th</sup> World Congress of Endourology and SWL, Melbourne, Australia. Nov 1996
- 1997 15<sup>th</sup> World Congress on Endourology and SWL. Edinburgh, September 1997.
- 1999 Society for Minimally Invasive Therapy. Kyoto, July 1999

2000 Member of faculty, 5<sup>th</sup> Asian Congress on Urology. Beijing, August 2000

2005 Tianjin International Symposium on the Recent Advances in Urological Oncology. Tianjin, October 2005

### **PRIZES AND EXHIBITIONS:**

1967 Exhibition in Microbiology Ramsay Prize in Microbiology

1967 Walter & Eliza Hall Exhibition in Pathology

1969 Herman Lawrence Prize in Dermatology

### **HONOURS University of Melbourne:**

#### **Medicine**

1969 2nd Class Honours in Surgery  
3rd Class Honours in Medicine  
3rd Class Honours in Obstetrics and Gynaecology

1967 1st Class Honours in Pathology 1st Place in Faculty  
1st Class Honours in Microbiology 1st Place in Faculty

1966 2nd Class Honours in Anatomy 2nd. Place in Faculty

1965 3rd Class Honours in Physiology and Biochemistry

#### **Science**

1964 1st Class Honours in Chemistry 2nd Place in Faculty  
3rd Class Honours in Physics

1963 2nd Class Honours in Chemistry  
2nd Class Honours in Physics  
3rd Class Honours in Mathematics (Applied)