

# University of Toronto Archives



**B2012-0025**

**Robert F. Garrison Fonds**

**Finding Aid**

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## Biographical Sketch

Robert F. Garrison, professor in the Department of Astronomy and Astrophysics, first came to the University of Toronto in 1968 after having obtained his Ph.D. from the University of Chicago. At the Yerkes Observatory, he worked as a Ph.D student for the well-known American astronomer William Morgan. Afterward, he spent four years (1966-1968) as a Post-Doctoral researcher at Mt. Wilson and Palomar Observatories where he worked with astronomers Armin J. Deutsch and Philip Keenan. Throughout his career he continued to collaborate with Keenan in particular.

Prof Garrison is best known for his research leadership in developing and maintaining an MK spectral classification system centered at the David Dunlop Observatory. This classification was first developed by his mentors Keenan and Morgan and today remains a powerful tool in describing astrophysical characteristics in stars and stellar systems. His on-going collaborators in this endeavor were Chris Corbally and Richard Gray.

Prof Garrison has also made a mark at the University of Toronto as administrator of the University of Toronto Southern Observatory (UTSO) located on Cerro Las Campanas, Chile. He acted as Associate Director from its beginnings in 1970 to its closure in 1997. He also oversaw the move of the Helen Sawyer Hogg Telescope from Chile to Argentina after UTSO was closed.

Professor Garrison has been an active member the International Astronomical Union, serving in several divisions but most importantly as Vice President (1982-1985) and President (1985-1988) of Commission 45 on Stellar Classification. He was also an active member of the Canadian Astronomical Society, the American Astronomical Society and the Royal Astronomical Society of Canada.

## Scope and Content

**1952-2010**      **5.27 m**

This fonds documents all aspects of Prof. Garrison's career including his research, teaching and administrative duties. These functions are documented in various records including correspondence and e-mail, research notes and notebooks, lectures, talks, drafts of papers, minutes of meetings, agenda, reports and photographs.

See series description and box/file lists for further detail.

**Accession: B2012-0025**

**Access:** Open, Except: Letters of Reference in Series 2  
Phd.D. files- Sub-Series 10.1

**Related Accession:** A2004-0023 University of Toronto. the Department of Astronomy and Astrophysics

**Series 1          Biographical**

1968 – 2010          0.2 m

Appointment letters, awards, activity reports and CVs give a good overview of Prof Garrison's career. There are also 6 notebooks which he entitled "*Daily Notes of Sanity*", 1987-2000 that contain notes, appointments, thoughts on a variety of activities. As well, there are two diaries: one detailing his trips and experiences to the Canada France Hawaii Telescope between 1972 and 1980 ; the second a diary he titled "*The Book of Work and Travel*" 1978.

B2012-0025/001

**Series 2          Professional Correspondence**

1962-2010          0.59 m

Chronological correspondence files contain both incoming and outgoing correspondence with colleagues in the department of astronomy, astronomers from all over the world, representatives of various observatories and associations. Following this chronological set, are correspondence files by subject or by the name of the correspondent. Placed at the end are ***Letters of Reference***, which are ***closed until 30 years from the last date of file activity.***

B2012-0025/002	Chronological correspondence	1963-1970
B2012-0025/003	Chronological correspondence	1971-1984
	<b>Alphabetical correspondence</b>	
B2012-0025/004 (01)	Amateur Astronomers	1962-1997
B2012-0025/004 (02)	Christopher Corbally	1992-1997
B2012-0025/004 (03)	Berman Family	1992
B2012-0025/004 (04)	CASLEO	2009-2010
B2012-0025/004 (05)	Don Fernie	1988
B2012-0025/004 (06)	Pierre Gravel	1988
B2012-0025/004 (07)-(09)	Richard Gray	1987-2000
B2012-0025/004 (10)	Israeli connections	1990-1992
B2012-0025/004 (11)-(12)	Institute de Astronomica	1984-1992
B2012-0025/004 (13)	Philip Keenan	1972-2000
B2012-0025/004 (14)	Wijtek Krzeminski	1979
B2012-0025/005 (01)	Tuba Koktay	1992-1999
B2012-0025/005 (02)	William Morgan	1979-1983
B2012-0025/005 (03)	Panagioto Petkakis	1990-1992
B2012-0025/005 (04)	Slavek Rucinski	1994
B2012-0025/005 (05)	William Sheehan (re. Morgan)	2003-2008
B2012-0025/005 (06)	Ian Shelton	1991-1993
B2012-0025/005 (07)	Teimuraz Shvelidze	1992-1993
B2012-0025/005 (08)	Brian Skiff	2003-2006

**Series 2 (cont'd) Professional Correspondence**

B2012-0025/005 (09)	V. Straizys	1986
B2012-0025/005 (10)	Gustavo Medina Tanco	1990-1997
B2012-0025/005 (11)	Piotr Zembrowski	1990-1998
B2012-0025/005 (12)-(17)	<b>Letters of Reference and Recommendation <i>*restricted*</i></b>	1969-2010

**Series 3 David Dunlop Observatory and the Department of Astronomy**

1970 -2004

0.53 m

This series documents Prof Garrison various administrative roles within the Department of Astronomy. Included are committee files, files on 50<sup>th</sup> anniversary of the David Dunlop Observatory and extensive records on the discovery of the Super Nova by Ian Shelton.

B2012-0025/006 (01)	Interagency Committee on Resource Satellite and Remote Sensing	1970-1971
B2012-0025/006 (02)	King Abdul Aziz University	1974
B2012-0025/006 (03)	Disposal of 6" Cook telescope and 60' radio dish	1983-1986
B2012-0025/006 (04) – (06)	David Dunlop Observatory Reviews	1982-2004
B2012-0025/007 (01)-(02)	David Dunlop Institute	1987-1989
B2012-0025/007 (03)	74" Observing	1985-1998
B2012-0025/007 (04)	PR – The Space Experience Documentary	1986-1987
B2012-0025/007 (05)	DDO Property	1987
B2012-0025/007 (06)-(07)	DDO Future	1987-1991
B2012-0025/007 (08)	UBC Exploration Committee	1988
B2012-0025/007 (09)	Columbus Telescope Project	1991-1992
B2012-0025/007 (10)	Printed posters – DDO	1999
B2012-0025/007 (11)	Robotic Telescopes	2001
B2012-0025/008	DDO – 50 <sup>th</sup> Anniversary celebrations	1983-1988
B2012-0025/009	Super Nova – documents relating to discovery, press coverage and celebrations	1987-1988

**Series 4      University of Toronto Southern Observatory****1968-2001              0.39 m**

Correspondence, email, planning documents, schematic drawings, spectrographs, and contracts document the UTSO and Prof Garrison's administrative role as associate director from 1970-1997. There are also documents relating to its closing and its move to Argentina. Box 12 contains research files similar to those found in **Series 7 - Research**, but filed and identified as records relating to UTSO by Prof Garrison.

B2012-0025/010 (01)	Assessment of Productivity	1979-1986
B2012-0025 / 010 (02) – (09)	Administrative correspondence and e-mail	1979-1992
B2012-0025 / 010 (10)	Letter to Toni from Max, Rick Crow	1977
B2012-0025 / 010 (11)	Correspondence with Antonio Urutia	2003-2004
B2012-0025 / 011(01)	Early blue prints and specifications	1968-1970
B2012-0025 / 011(02)	Important Documents	1974-1975
B2012-0025 / 011 (03)	Operating costs	1987-1988
B2012-0025 / 011 (04)	Contract - 2 meter telescope	1988
B2012-0025/011 (04a)	UTSO Spectroscopic CCD	1990-1992
B2012-0025 / 011 (05)	25 <sup>th</sup> anniversary	1996
B2012-0025 / 011 (06)	Funding	1996
B2012-0025 / 011 (07)	Closing	1997
B2012-0025 / 011 (08)	Chile - Argentina	1998-2000
B2012-0025 / 011 (09)	Trip to Chile and Argentina	2001
B2012-0025 / 011 (10)	Visuals for talks (includes photographs)	1997-2001
B2012-0025 / 011 (11)	Reprint – “The Canadian Telescope in Chile” by Helen Hogg and Donald MacRae	199-
B2012-0025 / 011 (12)	Las Campanas Display – collected documents (includes photographs)	1980s and 1990s
	<b>UTSO- Research</b>	
B2012-0025/012 (01)	Research – Krzeminski	1980-1994
B2012-0025/012 (02)	Correspondence	1993
B2012-0025/012 (03)	Chile – August 1995	1995
B2012-0025/012 (04)	Chile – December 1995	1994-1995
B2012-0025/012 (05)	74” Observing	1994
B2012-0025/012 (06)	Pocket Spectograph (includes photographs)	1975-1979, 1996-1997
B2012-0025/012 (07)	Finding Charts	1996
B2012-0025/012 (08)-(09)	Chili 1996	1996
B2012-0025/012 (10)	Chili Nov-Dec 1997	1997

**Series 5      Canada France Hawaii Telescope****1978-1989      0.2 m**

Records document Prof. Garrison's administrative roles relating to the operation of the Canada France Hawaii Telescope. Files contain correspondence, agenda, minutes, reports and notes.

B2012-0025/031 (01)-(03)	National Research Committee-Associate Committee on Astronomy	1978-1983
B2012-0025/031 (04)-(09)	Scientific Advisory Committee	1978-1987
B2012-0025/031 (10)-(13)	Time Allocation Committee	1978-1981
B2012-0025/031 (14)	Chair of the ACA subcommittee	1981
B2012-0025/031 (15)	Referees – Manuscripts in Progress	1981
B2012-0025/031 (16)	Users Conference	1985
B2012-0025/031 (17)	Proposal	1989
B2012-0025/031 (18)	Users	1994

**Series 6      Professional Activities****1969-2008      0.78 m**

This series includes records that document Prof Garrison's role on professional committees particularly for the American Astronomical Society, and the Canadian Astronomical Association. There are extensive records documenting his contribution to International Astronomical Union, as vice president (1982-1985) and later president (1985-1988) of Commission 45 on Stellar Classification and well his participation and attendance at various IAU colloquia and symposiums. Other conferences, workshops and symposiums as well as talks to professional groups and the general public are also documented in this series. Content of files vary and can contain minutes, correspondence and planning documents, as well as drafts of papers and talk, programs, invited lectures.

B2012-0025/013 (01)	<b>American Astronomical Society (AAS)-</b> Correspondence	1985-1996
B2012-0025/013 (02)	American Astronomical Association - Speaking Invitations, Harlow Shapley Lectures	1987-1992
B2012-0025/013 (03)	American Astronomical Association - Educational Advisory Board	1989-1992
B2012-0025/013 (04)	American Astronomical Association - Austin	1999
B2012-0025/013 (05)	American Astronomical Association - Harlow Shapley Lectureship	2002
B2012-0025/013 (06)-(07)	Canadian Astronomical Association - Committee on Needs and Priorities	1972-1983
B2012-0025/013 (08)	Canadian Astronomical Association - Council	1978-1979

**Series 6 (cont'd) Professional Activities**

B2012-0025/013 (09)-(10)	Canadian Astronomical Association - Long Range Planning Committee	1990-2001
B2012-0025/014 (01)-(04)	David Dunlop Institute – June Institute	1969-1985
B2012-0025/014 (05)	Inter- American Observatory	1979-1983
B2012-0025/014 (06)	National Research Council - Associate Committee on Space Research	1980-1982
B2012-0025/014 (07)	Royal Canadian Institute - Long Range Planning	1993-1999
B2012-0025/014 (08)	Royal Canadian Institute - Speaking of Science	1995
B2012-0025/014 (09)	Royal Canadian Institute - Queen’s Jubilee Medal (Personal) - Advisory Board	1993-2003
B2012-0025/014 (10)	Vatican Summer School	1990
B2012-0025/015 (01 – (04)	International Astronomical Union - General Assembly	1973-2000
B2012-0025/015 (05) – (11)	International Astronomical Union – Symposiums No. 50, 54, 70 , 72, 80, 111, 118	1971- 1985
B2012-0025/015 (12) – (15)	International Astronomical Union – Colloquium No. 47, 87, 103, 136,	1977 – 1992
B2012-0025/015 (16)	International Astronomical Union – Commission 29: Stellar Spectra	1985-1990
B2012-0025/016	International Astronomical Union – Commission 45: Stellar Classification	1978-2003
B2012-0025/017 (01)	Conference – Astronomy from Large Databases	1987
B2012-0025/017 (02)- (03)	Astronomical Society of the Pacific – Spectroscopic, Yerkes	1988, 1997
B2012-0025/017 (04)	Symposium – Institute de Astronomia	1993
B2012-0025/017 (04a)	Conference – Institute of Religion in an Age of Science	1995
B2012-0025/017 (05)	Lowell Observatory – Fall Workshop	1997
B2012-0025/017 (06)	Workshop – Luminous High-Latitude Stars	1991-1992
B2012-0025/017 (07)	MK Process – 50 <sup>th</sup> anniversary workshop, Vatican Observatory	1992-1993
B2012-0025/017 (08)	NStar Workshop, NASA	1999
B2012-0025/017 (09)	Polish Academy of Science	1976-1979
B2012-0025/017 (10)	Symposium – Pulkovo Observatory, St. Petersburg	2000
B2012-0025/017 (11)	Sigma Xi – Scientific Research Society	1990
B2012-0025/017 (12)	Symposium – SuperVOSS	2002
B2012-0025/017 (13)	University of Montreal – Lectures on MK classification	1997



**Series 6 (cont'd) Professional Activities**

B2012-0025/017 (14)	Conference – Why Galaxies Care about AGB Stars, Vienna Austria	2006
B2012-0025/017 (15)	Yerkes Observatory	1979
B2012-0025/018 (01)	Talk(s) – Galactic Structure	1975-1976
B2012-0025/018 (02)	Talk(s) – Canada France Hawaii Telescope	1978-1981
B2012-0025/018 (03)	Talk(s) – Life on Other Worlds	1981-1994
B2012-0025/018 (04)	Talk(s) – Telescope Talk to AAS/CAS	1987
B2012-0025/018 (05)	Talk(s) – Federation of Analytical Chemistry and Spectroscopy Societies	1987
B2012-0025/018 (06)	Talk(s) – Hot Spots in the Headlines Lunch and Learn series	1988
B2012-0025/018 (07)	Talk(s) – Bronowski Lecture	1988
B2012-0025/018 (08)	Talk(s) – Shapley Tours	1989
B2012-0025/018 (09)	Talk(s) – Public lectures on Astronomy	1988-2000
B2012-0025/018 (10)	Talk(s) – Wiegand Foundation Lecture Series	1992
B2012-0025/018 (11)	Talk(s) – Stories and Stars	1994
B2012-0025/018 (12)	Talk(s) – to 3T5 Engineers	1994
B2012-0025/018 (13)	Talk(s) – President's Circle	1997
B2012-0025/018 (14)	Talk(s) – Evening at the Observatory	1997
B2012-0025/018 (15)	Talk(s) – Helen Sawyer Hogg Telescope	1998
B2012-0025/018 (16)	Talk(s) – Dean's Visit to DDO	1999
B2012-0025/018 (17)	Talk(s) – Eclipse Tour	1999
B2012-0025/018 (18)	Talk(s) – Canadian Perspectives Monday Series	2000
B2012-0025/018 (19)	Talk(s) – The Search of Intelligent Life in the Universe	2006
B2012-0025/018 (20)	Talk(s) – Life on Other Worlds	2008
B2012-0025/018 (21)	Talk(s) – untitled on Morgan and Yerkes Observatory	n.d.

**Series 7 Research**

1952- 2007 (predominant 1970 – 2000) 1.11 m

This series documents various aspects of Prof Garrison's research activities. Research files are arranged alphabetically by subject with observation notebooks placed at the end. Files contain not only data and early drafts of papers but also extensive correspondence and e-mail with the colleagues on collaborations. Early dated research files usually contain research collected by past astronomy professors and passed on to Garrison.

This series also contains copies of Garrison's research grant applications and reports from 1987 to 2007 as well as one very early application from 1969.

**Related Series** – There is extensive correspondence in Series 2 – Professional Correspondence relating to research collaborations particularly with: Christopher Corbally with the Vatican

**Series 7 (con'td)      Research**

Observatory Research Group at the University of Arizona; , Richard Gray his former Ph.D. student and professor at the Appalachian State University; and Philip Keenan at the Perkins Observatory.

	<b>Research Files</b>	
B2012-0025/019 (01)	Automatic Classification	1992-1997
B2012-0025//019 (02)	BE and Shell Star List	2003
B2012-0025/ 019 (03)-(08)	Bright Stars Research	1955-1999
B2012-0025/ 020 (01)	Bright Stars Research	
B2012-0025/ 020 (02) –(03)	G Stars in Halo (with Christopher Corbally)	1979-1990
B2012-0025/ 020 (04)	G &K Giants	1952, 1972
B2012-0025/ 020 (05)	G2V Problem	1980-1993
B2012-0025/ 020 (06)	Galaxy catalogue	1980s?
B2012-0025/ 020 (07)	HD 147010	1977-1981
B2012-0025/ 020 (08)	HD 161796	1983-1984
B2012-0025/ 021 (01))	Hyades and Praesepe	1984-1994
B2012-0025/ 021 (02)-(11)	MK Standards : faint stars, anchor points, Fekel program, Working Group on Standards, primary standards, consulting questions, e-mail.	1984-2007
B2012-0025/ 021 (12)	Mexigraph CD	1992-1995
B2012-0025/ 021 (13)	MIRAS consortium, NASA	1990-1997
B2012-0025/ 021 (14)	NGP Output	1996-1997
B2012-0025/ 022 (01)	NGP / SGP (with Christopher Corbally)	1991-1993
B2012-0025/ 022 (02)	NGC 752 – Yerkes	1971
B2012-0025/ 022 (03)	NGC 6231	1971-1985
B2012-0025/ 022 (04) – (08)	N Star	1999-2003
B2012-0025/ 023 (01) – (04)	Olsen Stars	1986-1993
B2012-0025/ 023 (05)	Ori / Sco	1993
B2012-0025/ 023 (06)-(07)	OB Stars	1981-91984
B2012-0025/ 023 (08)	Orion Belt	1973-1986
B2012-0025/ 023 (09)	Persei cluster	1969-1970
B2012-0025/ 023 (10)	Parallax catalogue stars	1980
B2012-0025/ 023 (11)-(13)	Photometry	1980s?
B2012-0025/ 024 (01)- (03	Pleione Research	1987
B2012-0025/ 024 (04)	Scatterplot	1991-1992
B2012-0025/ 024 (05)	Solar Activity Program	1985-1986
B2012-0025/ 024 (06)	Solar Type	1980-1986
B2012-0025/ 024 (07)	Southern Observatory Papers	1981-1982
B2012-0025/ 024 (08)	Spectral Classification	1972-1973

**Series 7 (cont'd)      Research**

B2012-0025/ 024 (09)-(10)	Stellar Discussions – classification	1987-2001
B2012-0025/ 024 (11)	Theta Carinae Cluster	1967-1973
B2012-0025/ 024 (12)	UBVRI	1982
B2012-0025/ 024 (13)	UBV Photometry	1997
B2012-0025/ 024 (13)	Yellow Super Giants	1984-1992
	<b>Observation Notebooks</b>	
B2012-0025/ 025	Astronomy – data and records, Summer 1959	1959-1960
B2012-0025/ 025	HOB I and II	1980s?
B2012-0025/025	NGC 752 – Yerkes, Aug 1971	1971
B2012-0025/025	I Sco and NGC 6231	1977 -
B2012-0025/025	Mira Stars Classification	1969
B2012-0025/025	Observing Lists	n.d.
B2012-0025/026	I Orionis – Mt Wilson-Palomar	n.d.
B2012-0025/026	Southern Observatory Stars – Mt Wilson-Palomar Books I, II, III	
B2012-0025/026	Spectrographs I – Mt. Wilson – Perkins	n.d.
B2012-0025/026	Weak He Line Stars	1973
B2012-0025/030	<b>Grant Applications</b>	<b>1969, 1987-2007</b>

**Sub Series 7.1 Graduate Research****1959-1967      0.13 m**

This subseries documents Garrison's Ph.D. research at Yerkes Observatory including a typescript of his thesis along with some data and observation notebooks. Much of his early research was done with the guidance of renown astronomer William Morgan. There are also notebooks on 1962 and 1964 symposiums at Yerkes and another with notes on Garrison's discussions with Morgan.

**B2012-0025/036****Series 8      Papers****1958- 2008      0. 26**

This series relates directly to the records in the Research series as the published output of Garrison's work. Files contain drafts of papers, referee reviews, correspondence with co-authors as well as publishers. Files are arranged chronologically. Placed at the end of this series is records relating to Garrison's many obituaries on his mentor William Morgan which includes correspondence, email, notes, drafts of manuscripts and photographs.

**Series 8 (cont'd) Papers**

B2012-0025/ 027 (01)	Soil Radio Active Research (1 <sup>st</sup> published article 1960)	1958-1960
B2012-0025/ 027 (02)	Spectral Classification in the Association III	1970
B2012-0025/ 027 (03)	CDP-31, An extremely helium-rich sub-luminous, O-type Star	1972-1973, 1992
B2012-0025/ 027 (04)	Variable X-Ray Source Identification	1973
B2012-0025/ 027 (05)	Papers on HD122669 and 122691	1974-1975
B2012-0025/ 027 (06)	Spectral line identification studies...	1975
B2012-0025/ 027 (07)	The Interstellar Reddening Correction	1976-1977
B2012-0025/ 027 (08)	Paper on HD40765 with Kurtz	1978, 1994
B2012-0025/ 027 (09)	Radio and Optical Observations of SS 433 (with Ernie Seaquist)	1979
B2012-0025/ 027 (10)	The main sequence of NGC 6231	1979
B2012-0025/ 027 (11)	On the $\lambda$ 4430 Interstellar Band: A visual classification	1979-1980
B2012-0025/ 027 (12)	CPD-48°1577 The brightest known cataclysmic variable	1982-1983
B2012-0025/ 027 (13)	Spectrum of the Solar Disc	1982-1988
B2012-0025/ 027 (14)	Extra Solar Planets	1984, 1996
B2012-0025/ 027 (15)	The visible spectra of Southern Hemisphere Mira Variable Stars	1987
B2012-0025/ 028 (01)	HALO paper – “Search for Early-G Dwarf Stars...” with Chris Corbally	1987-1988
B2012-0025/ 028 (02)	UV Bright Stars – CFHT	1980s
B2012-0025/ 028 (03)	HR Diagram	1991
B2012-0025/ 028 (04)	HR 9053	1991-1993
B2012-0025/ 028 (05)	A Remarkable Scatter Plot	1992-1993
B2012-0025/ 028 (05a)	CCD Spectrograph for UTSO – manuscript	1992-1993
B2012-0025/ 028 (06)	Pole on CV Stars – “Taylor Papers”	1994
B2012-0025/ 028 (07)	Spectral Type –Q calibration for OB stars with Cameron Reed	1994
B2012-0025/ 028 (08)	William Morgan – paper for the PASP	1995
B2012-0025/ 028 (09)	Wiegart and Garrison Paper ( A Search for Helium Spectrum Variables)	1995-1998
B2012-0025/ 028 (10)	Spectroscopic Monitoring of HD49798	1998
B2012-0025/ 028 (11)	Publishing in the Encyclopedia of Astronomy and Astrophysics	1998-2000
B2012-0025/ 028 (12)	The Brightest Stars: A Revision of the RASC Observers Handbook	1999
B2012-0025/ 028 (13)	N-Stars – NASA- New program for nearby stars	2001-2004
B2012-0025/ 028 (14)	The MK Process: A Vision for the Future	2002-2003
B2012-0025/ 028 (15)	NStars – Getting to know the neighbours	2008
B2012-0036/ 037	Morgan Biography	1985-1995

**Series 9 Referee work****1972-2001 0.2 m**

Files document Garrison's sought after expertise as a peer referee for professional journals such as the Journal of Astrophysics and Astronomy, The Astronomical Journal, Astronomy and Astrophysics A European Journal, Publications of the Astronomical Society of the Pacific, and The Astrophysical Journal. Garrison also reviewed and evaluated proposals and projects for various Canadian and American granting agencies including National Sciences and Engineering Research Council of Canada, National Science Foundation, and Canada Council Killam Program. Files contain correspondence, reviewer reports, grant summaries and draft papers. Records are filed chronologically.

B2012-0025/ 029

**Series 10 Teaching**

1969-2005 0.53 m

This series contain lectures, course administrative records, syllabus, and assignments for courses taught by Prof Garrison particularly on Stellar Spectroscopy.

B2012-0025/ 032 (01)	G1001 – Early course on Spectroscopy	1969-1970
B2012-0025/ 032 (02) – (09)	G1100 – Stellar Spectroscopy	1969-1990
B2012-0025/ 032 (10)	G1300 – Star Clusters and Galaxies	1968-1969
B2012-0025/ 032 (11)	G1700 – Stellar Spectroscopy	1992-1994
B2012-0025/ 032 (12)	G2000 – Seminar in Astrophysics	1976-2000
B2012-0025/ 033 (01)	INX – 250 – Life on Other Planets and NEW – 251 Life on other Worlds	1973-2001
B2012-0025/ 034 (01)-(04)	AST 100	1970-1978
B2012-0025/ 034 (05)	AST 101 – The Solar System	1992-1993
B2012-0025/ 034 (06)-(08)	AST 321 – Solar System Astrophysics	1986-1987
B2012-0025/ 034 (09)- (11)	1700S – Graduate Mini Course	1996-2005
B2012-0025/ 034 (12) – 15)	SCI 199Y – The Riddle of Light	1994-2005
B2012-0025/ 034 (16)	Ryerson University – Life in the Universe	2002
B2012-0025/ 034 (17)	Course Evaluations and comments	1983-2001

**Sub Series 10 .1 – Ph. D. Files**

1968-2000 0.07 m

This sub-series contains files for individual Ph.D. students that Prof Garrison supervised. They contain correspondence, evaluations of work and letters of reference. There are also two general files on PH.D. examinations.

B2012-0025/035 Access: Restricted.

**Series 11 Graphic Records**

1952, 1967-2002 0.2 m

**Photographs: buildings and facilities**

B2012-0025/ 001P (01)	David Dunlop Observatory - Exterior	ca. 1980
B2012-0025/ 001P (02)	David Dunlop Observatory – colour postcards of buildings and telescope	Ca. 1980
B2012-0025/ 001P (03)-(04)	University of Toronto Southern Observatory (UTSO) – early colour photos including construction and coloured slides	ca. 1969-1970
B2012-0025/ 001P (05)	Panaromic view of Las Campanas taken from Canada House (UTSO) – photographs and negatives	1971
B2012-0025/ 001P (06)	Canada House and surroundings (UTSO)	1970s
B2012-0025/ 001P (07)	Las Campanas	1980s
B2012-0025/ 001P (08)	Ian Shelton, with SN1987a discovery telescope, Las Campanas	ca. 1987
B2012-0025/ 001P (09a)	UTSO – contact prints showing equipment and astronomers at Canada House	ca. 1980s
B2012-0025/ 001P (09b)	Helen Sawyer Hogg Telescope, Chili	1995
B2012-0025/ 001P (09c)	Telescope (possibly DDO)	n.d.
B2012-0025/ 001P (09c)	Pocket Spectrograph	n.d.
B2012-0025/ 001P (10)	Lodge for Quebec Telescope	1978

**Photographs – Staff and Events**

B2012-0025/ 001P (11)	Group Portrait – Conference on Spiral Structures. March 16-17 1967	1967
B2012-0025/ 001P (12)	I.A.U. Colloquium No. 21 – August 1972 Variable Stars in Globular Clusters	1972
B2012-0025/ 001P (13)	DDO Staff – contact prints from Robert Lansdale (Job 741161)	1974
B2012-0025/ 001P (14)-(17)	June Institute ‘MK Process’ – speakers. presenters, William Morgan,	1983
B2012-0025/ 001P (18)	Ian Shelton	ca 1987

**Series 11 (cont'd) Photographs – Staff and Events**

B2012-0025/ 001P (19)	Meeting at the DDO	1990s
B2012-0025/ 001P (20)	American Astronomical Society - Montreal Meeting	2002

**Observation photos**

B2012-0025/ 001P (21)	Objects: planets, galaxies, nebula (print reproductions)	n.d.
B2012-0025/ 001P (22)	Spectrographs (print reproductions)	n.d.
B2012-0025/ 001P (23)	Canada France Hawaii Telescope, first images (reproductions)	n.d.
B2012-0025/ 001P (24)	Solar Eclipse	n.d.
B2012-0025/ 001P (25)	Spectrograph negatives possible related to Super Nova	1987?

**Other**

B2012-0025/ 001P (26)	Portrait of American Astronomy William Morgan and related images taken for publication and collected by Garrison.	1952
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**Slides**

B2012-0025/ 002P	UTSO slides	ca. 1970-1900
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