# CURRICULUM VITAE

**PERSONAL**

**Name:** Dr. Duncan Alan Forbes
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**Date of Birth:** 5th April 1964
**Citizenship:** N.Z., U.K. and U.S. (resident)

**EMPLOYMENT**

**Jan 96 – : Researcher at Lick Observatory, Santa Cruz**
Galaxy and globular cluster research with own HST funding.
- Awarded American Astronomical Society International travel grant 1995 ($1.4K)
- Awarded cycle 6 HST time with Ward (~$30K)
- Awarded cycle 6 HST time with Brodie, Huchra, Freeman and Grillmair (~$90K)
- Awarded National Optical Astronomical Observatories travel grant ($1.2K)

**Sept 92 – Dec 95: Postdoctoral Researcher at Lick Observatory, Santa Cruz**
Involved in the Medium Deep Survey Key Project of HST and the DEEP redshift survey using the Keck 10m telescope. Topics include: formation and evolution of galaxies, nuclear activity, star formation and interactions. Working with Prof. Koo and Prof. Illingworth.
- Helped to establish a new Lick Observatory preprint system
- Awarded cycle 5 HST time with Grillmair ($40K)
- Awarded cycle 5 HST time with Grillmair, Freeman and Elson ($50K)
- Awarded cycle 4 HST time with Franx and Illingworth ($64K)
- Awarded International Astronomical Union travel grant ($0.5K)
- Awarded National Optical Astronomical Observatories travel grant ($1K)
- Awarded National Radio Astronomy Observatory travel grant ($1K)
- Awarded American Astronomical Society International travel grant 1994 ($0.5K)
- Awarded National Radio Astronomy Observatory travel grant ($0.7K)

**Oct 89 – Dec 89: Part–time tutor at the Bottisham College, England**
Taught introductory astronomy to a small night class 2 hours per week. Involved visual demonstrations and setting practical exercises. Learned how to convey astronomical concepts to non–specialists.

**June 89 – Sept 89: Summer Research Assistant at the Space Telescope Science Institute, Baltimore**
Summer project on dust and ionized gas in nearby active radio ellipticals. Worked with Dr. William Sparks and Prof. Duccio Macchetto. Involved image display analysis and an introduction to IRAF.

**Feb 86 – Oct 88: Research Assistant at the Space Telescope Science Institute, Baltimore**
Supervisors: Dr. Brad Whitmore and Prof. Colin Norman
Assist in review of proposals for the Hubble Space Telescope. Analyse and implement corrections needed to make proposals compatable with the review and scheduling software. Carry out user level testing of the proposal processing software (PEPSI). Generation of real time reports using the Interactive Query Language (IQL). Skills acquired include working within a large team to acheive the desired results, and communicating my ideas to others.
Scientific topics: environmental influences on field and cluster spirals, study the Galaxy halo using IUE spectra. Skills gained: programming in Fortran and IDL, Mongo and Latex, working in a small research team environment.
• Awarded National Science Foundation travel grant ($0.8K)

## EDUCATION

**1988–1992: University of Cambridge, England**
• Awarded Ph.D. in Astronomy
• Awarded the Isaac Newton Studentship (1989–92) for advanced research in Astrophysics ($26K)
• Awarded an Overseas Research Student Award (1989–91) for outstanding merit and research potential ($9K)
• Awarded a Cambridge Commonwealth Trust Bursary (1989–91) ($2K)
• Elected Fellow of the Cambridge Commonwealth Society

**1986–88: Johns Hopkins University, Baltimore**
Part–time graduate courses: Galactic Structure and the ISM (A), Stellar Structure and Evolution (A), Galaxies and Cosmology (A), Radiative Processes in Astrophysics (A–)

**July 86: Vatican Observatory, Italy**
Summer School in Observational Astronomy and Astrophysics
• Awarded observing time on the Vatican Advanced Technology Telescope

**1982–85: University of Canterbury, New Zealand**
• Awarded a Bachelor of Science (hons) 2nd class division 1 in Astronomy

**1977–81: Naenae College, New Zealand**
• Awarded University Bursary (A)
• University Entrance exam accredited
• Awarded Dux prize for academic head of school
• Awarded Science prize for top Science student

## PROFESSIONAL SOCIETIES

• Member of the American Astronomical Society
• Fellow of the Cambridge Philosophical Society