



Smart Viticulture

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CURRICULUM VITAE of DR RICHARD E. SMART

September 2010

Qualifications obtained:

- 1966** **B.Sc. Agr. (Hons II)**, Sydney University, N.S.W. 1962-1965.
- 1973** **M.Sc. (Hons.)**, Macquarie University, N.S.W.
1968-1971. Thesis: *Aspects of light use by vineyards*
- 1976** **Ph.D.**, Cornell University, N.Y., 1970-1975. Thesis: *Implications of the radiation microclimate for the productivity of vineyards*
- 1995** **D.Sc. Agric.** University of Stellenbosch, South Africa
Thesis: *The effect of manipulating grapevine vigour and canopy microclimate on yield, grape composition and wine quality.*

Relevant Career Appointments:

- 1966** **Viticultural Research Officer**, N.S.W.
Department of Agriculture, Griffith.
- 1970** **Traveling Fellowship** to Israel to study drip irrigation.
- 1971** **Graduate student**, Pomology Department,
Cornell University, Ithaca. N.Y.
- 1974** **Lecturer in Viticulture, Senior Research Fellow, and Dean,**
Faculty of Oenology, Roseworthy Agricultural College,
Roseworthy, S.A.
- 1982** **National Viticultural Scientist**, Ministry of Agriculture and
Fisheries, Ruakura Research Centre, New Zealand
- 1990** **Viticultural Consultant**, Smart Viticulture,
Port Macquarie, N.S.W.
- 2002-3** **Visiting Professor of Viticulture**, Cal Poly State University, San
Luis Obispo)
- 2003** **Viticultural Consultant**, Smart Viticulture, Launceston,
Principal client Tamar Ridge Estate, Kayena, Tasmania
- 2003** **Honorary Research Associate**, University of Tasmania
- 2009** **Founding Partner**, RuralSmart, Launceston

Publications:

- Authored or co-authored over 340 technical publications in viticulture.
- These include 3 theses, 27 research papers in refereed journals including 4 reviews; 1 book, 11 chapters in books, 1 major conference proceedings, 76 papers at scientific conferences or industry seminars with proceedings, and 11 written reports.
- Over 210 popular articles in Australian and American trade journals.
- Viticulture Editor for the "Oxford Companion To Wine", edited by Jancis Robinson MW, published in 1994,1999 and 2006, responsible for about 140,000 words per edition.
- Author of bi-monthly columns in major wine industry publications. *Australian and New Zealand Wine industry Journal*, and *Practical Winery and Viticulture (California)* .

Professional Societies:

- Member, American Society of Enology and Viticulture, and former member of Editorial Panel.
- Founding President and Life Member, New Zealand for Viticulture and Oenology.
- Member, Australian Society of Viticulture and Oenology, and former member of Editorial Panel.

Awards:

- 1970 N.S.W Public Services Board Traveling Fellowship, for research in Israel.
- 1971 Auscott Postgraduate Scholarship, NSW, for graduate study in USA.
- 1980 French Government Scholarship, for study in France.
- 1983 Walter and Carew Reynell Fellowship, Roseworthy College.
- 1983 Honorary Research Lecturer, American Society of Enology and Viticulture.
- 1989 New Zealand Wine Industry Personality of the Year.
- 1989 Honorary Research Lecturer, South African Society of Enology and Viticulture.
- 1990 Honorary Life Membership, New Zealand Society for Viticulture and Oenology.
- 2001 Honorary Research Lecturer, South African Society of Enology and Viticulture.
- 2004 For contributions to New Zealand wine industry, personal award.
- 2004 Wine and Spirits Magazine (US) October, One of world's 50 most influential winemakers
- 2004 Wine Industry "Personality of the Year" for Innovation, Wine magazine, UK.
- 2005 Among "50 Most Powerful Names in Wine", Decanter magazine, UK
- 2006 Inducted into New Zealand Wine Hall of Fame

Consulting Experience:

- Dr Richard Smart is unique among the world's viticultural consultants as his experience combines a strong technical background based on a prior research career with extensive international commercial contact.
- Richard Smart has consulted to over 200 clients in 26 countries, including all grape growing states of Australia. He has been consulting since the mid 1970's, and has been involved in this as a full time business since 1991.
- Consulting expertise is particularly in the arena of canopy management as a means of manipulating grape yield and wine quality. Other factors affecting wine quality are also included, such as choice of variety, clone and rootstock, vine spacing, irrigation, trellis system, pruning and training.
- Consulting expertise covers all aspects of viticulture from site selection to harvest. Dr Smart has a particular skill in vineyard climatology, including homoclimate searches and matching variety to climates, and the impact of global warming.
- Dr Smart's experience in New Zealand and Tasmania has reinforced his reputation as an international expert in cool climate viticulture and winemaking.
- Dr Smart's clients vary from some of the largest wine companies in the world to small family operations. Often the clients are established and want to improve their vineyard performance and wine quality, sometimes they are start-up operations beginning with site selection.

Other Experiences

- Richard Smart and family operated a 16 ha commercial vineyard at Williamstown in the Barossa Valley from 1976-1982.
- Richard Smart was Head of Viticulture Department and Dean of Faculty of Oenology, Roseworthy Agriculture College 1975-1982, involving about 15 academic staff and 100 students.
- During the period at MAF Ruakura Agricultural Research Centre, New Zealand, he supervised 5 technicians on three research stations, and was also Department Head of Horticulture (ca. 10 scientists) for a year.
- Dr Smart served one term as member of the Australian Wine Research Institute Board.
- As founding President of New Zealand Society for Viticulture and Oenology, Dr Smart was instrumental in organizing the Second International Cool Climate Viticulture and Oenology Symposium, January 1988 with 600 attendees.
- Dr Smart can write and speak technical French.
- Dr Smart has an extensive network of viticulture science and wine industry colleagues throughout the world.
- Dr Smart was a member of the inaugural New Zealand Government mission to the OIV in 1998.
- Dr Smart has traveled extensively, often to deliver lectures at international meetings or at industry workshops, and more recently for consulting. He has visited many of the worlds wine regions, including those of Argentina, Austria, Australia, Canada, Chile, China, England, France, Germany,

- Greece, Hungary, India, Israel, Italy, Japan, New Zealand, Portugal, Slovenia, Spain, South Africa, Uruguay, U.K and the USA.
- Dr Smart makes several overseas trips a year, often as invited speaker at wine sector conferences. In this way he has a wide network of international colleagues, and he has a contemporary knowledge of the world wine business.
 - Dr Smart supervised two PhD students for the University of Tasmania, beginning 2005. Thesis topics are “Vineyard management effects on Pinot Noir wine quality” and “Vine physiology and fruit ripening effects on grape and wine composition and quality in cool climates”.

Richard E Smart