

University of Canterbury School of Forestry

Company Scholarships

Winners of 1st Year Fees Scholarships for 2004 are as follows:

Rayonier New Zealand:

Katt George, Christchurch, BForSc

Weyerhaeuser NZ:

Daniel McCallum, Waimea College, BForSc
Shannon Burnett, Waimea College, BForSc

Ernslaw One

Jeremy Sanson, Palmerston North Boys High,
BE(Hons)(For)

Nelson Pine Industries

Oliver Whalley, Nelson College, BE(Hons)(For) -
Wood Processing stream
Michael Buschl, Waimea College, BE(Hons)(For)

Visiting Erskine Fellow – Marvin Pyles

Dr. Marvin Pyles, Associate Professor at Oregon State University, is visiting as an Erskine Fellow during the first term. Dr. Pyles is a specialist in the application of geotechnical engineering to forest operations, and is keenly interested in ground based harvesting, the stability of cable logging system equipment, and the stability of steep slopes. He will be assisting Dean Ron O'Reilly and Dr. Robert Douglas with their courses while here, as well as interacting with students and contributing to ongoing research in forest engineering.

Visiting Fellow - Thom Erdle

Dr Thom Erdle, Program Director for Forest Ecosystem Management at the University of New Brunswick Faculty of Forestry and Environmental Management, is a Visiting Fellow at the School of Forestry for 2004. At UNB, Dr Erdle teaches courses on Forest management, Forest landscape design and management and Quantitative forest characterization. He will be working with Dr Bruce Manley and other staff at the School.

ENITA exchange

The School has obtained funding for an exchange with the Ecole Nationale des Ingenieurs des Travaux Agricoles (ENITA), Bordeaux, France. Under the exchange agreement, Prof. Etienne Saur of ENITA will spend 10 days collaborating with faculty and students at the School of Forestry and Dr. Robert Douglas will spend 10 days at ENITA. Besides interacting with the students and staff at ENITA, the focus of Rob's visit will be to present

the results of the forest floor compaction study he, Professor Roger Sands, and Post Doctoral Fellow Matt Wood recently completed, at an international symposium entitled "Forest soils under global and local changes, from research to practice" in Bordeaux.

Sabbatical

Professor Roger Sands will be spending much of 2004 in Canberra and Oxford writing a book. During his absence Dr Bruce Manley will be acting Head of Department.

Successful PostGraduates

Thesis topics for postgraduates who have recently completed their studies.

Ph.D.

Pat Denholm: The impact of biosolid application on the biodiversity of soil and litter fauna in *Pinus radiata* plantations in Central Canterbury.

Ingrid Gruner: Comparative ecology and conservation of rare native broom, *Carmichaelia* (Fabaceae), South Island, New Zealand

Mike Watt: Modelling the influence of weed competition on the growth of *Pinus radiata*.

Jian-Ming Xue: The effects of biuret addition on soil nitrogen transformations and Douglas fir seedling growth.

Master of Forestry Science

Mariana Cattaneo: Effects of microsite characteristics, competition and grazing on *Pinus contorta Dougl.* and *Pseudotsuga menziesii* (Mirb.) Franco seedling establishment.

Eykolina de Zwart: Possum resource selection in a fragmented landscape, Cass, New Zealand.

Mark Grabianowski: Measuring acoustic properties in lumber and trees.

Sina Hustedt: A comparative analysis of biosecurity information management systems between New Zealand and its major trading partners.

David Pont: A model of secondary growth for *radiata* pine.

Nerida Theinhardt: Plant restoration at an open-cast coal mine, West Coast – New Zealand.

Karl Thompson: Market access for New Zealand silver beech in Europe.

Kenneth Tsang: The changing Chinese wood products consumer: opportunities and challenges for the NZ forestry sector.