

Professional Experience

- April 2007 - AB Vista Feed Ingredients**
Research Director
Responsible for overseeing development of enzyme and yeast products for use in ruminant and non-ruminant feeds
- July 2001 -April 2007 Syngenta Animal Nutrition (formerly Zymetrics)**
Director, Feed Applications Research
Responsible for managing and implementing an applied research and development programme for the development of new enzyme products for animal feed.
- 1991 – July 2001 Danisco Animal Nutrition (formerly Finnfeeds International)**
Avizyme project manager, 1991-1994
R&D Manager 1994-1997
R&D Director 1997-2001
Continuation of above role in Danisco Animal Nutrition, with increased responsibility over the development of the Danisco line of products

Education

University of Saskatchewan, Saskatoon, Canada

Post Doctorate in poultry nutrition - exogenous enzymes for Poultry

McGill University, MacDonald College, Montreal, Quebec, Canada

Post Doctorate in molecular biology - RFLP mapping of the kappa-casein gene in dairy cows.

University of Guelph, Ontario, Canada, UK

PhD: Poultry nutrition and biochemistry – Factors influencing polyamine metabolism in chickens

University of Guelph, Ontario, Canada, UK

MSc: Poultry nutrition – Influence of amino acid balance and excess on performance of broilers

University of Nottingham ; UK

Degree: Animal Nutrition, physiology and production. 2:1 Hons

Awards

2018 AFIA Poultry Nutrition Award, Poultry Science Association

2018 Gordon Memorial Lecture Award, British Poultry Science

Responsibilities

3 Years on operating team of FEFANA

Society membership

Member and Section Editor of the Poultry Science Association

Member of the Worlds Poultry Science Association

Publications

Over 200 publications in total, of which 163 are refereed full scientific papers and 127 are abstracts of material presented at conferences. Several patents and 9 book chapters and three books. Publications also in popular press magazines. (see below; appendix)