

ABRIDGED CV

PJ van Jaarsveld

FULL NAMES: Paul Johannes van Jaarsveld

WORK ADDRESS:

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ACADEMIC QUALIFICATIONS

1982 – B Sc <i>cum laude</i> (Biochemistry and Microbiology)	-	University of Stellenbosch
1983 – B Sc Honours (Biochemistry)	-	University of Stellenbosch
1986 – M Sc (Biochemistry) <i>cum laude</i>	-	University of Stellenbosch
1994 – Ph D (Biochemistry)	-	University of Stellenbosch

EMPLOYMENT HISTORY

January 1987 - present: Non-Communicable Diseases Research Unit (Previously: Nutritional Intervention Research Unit), SA Medical Research Council
Present position: *Senior Specialist Scientist*

MEMBERSHIP OF PROFESSIONAL ORGANISATIONS

Nutrition Society of South Africa (NSSA)
Member since 1989
Chairperson of the Cape Branch of the NSSA, 1998 - 2002
Executive Council Member of the NSSA, 2000 – 2002
Executive Council Member of the NSSA, 2008 – 2012
Chairperson of the NSSA Council, 2012 - current

HONORARY AWARDS AND SPECIAL SCIENTIFIC RECOGNITION

Stipendium - Hiddingh-Stipendium (1990-1992) by reason of M Sc Degree and study record of the preceding years (University of Stellenbosch).

Post-Doctoral Fellowship - 22 September 1994 - 5 July 1996 at Efamol Research Institute, Canada, an internationally recognised research institution and leaders in the field of essential fatty acid research.

2015 – 2018: Editorial board member of Journal of Food Composition and Analysis.

PROFESSIONAL AWARDS

Unifoods award (2nd prize) for nutrition research in the category established scientist for a paper presented at the Nutrition Congress 2004 (Worcester).

POSTGRADUATE STUDENTS

External Examiner: 1 PhD (2005); 2 MSc (2011, 2016)
Official opponent: PhD (2010), Chalmers University of Technology, Gothenburg, Sweden
Co-promoter: PhD, degree awarded 2010
Mentoring: PhD, degree awarded 2014; PhD, current – both mentored regarding fatty acid aspect of their projects

COMMITTEES/EXPERT WORKING GROUPS

- 1997 – Dec 2016: Member of the Scientific Review Committee for studies requiring the use of animals supporting the function of the Ethics Committee for Research on Animals (ECRA).
- 2013 – Dec 2016: Chairperson of the Scientific Review Committee for studies requiring the use of animals.
- 2003 – 2008: Frequently invited to Stakeholder Meetings by the Director of HarvestPlus to participate and promote the concept of biofortification using the randomised controlled efficacy trial in primary school children and research on β -carotene-rich orange-fleshed sweet potato I conducted as examples, and includes: the planning meeting of the Biofortification Challenge Program (BCP), now called HarvestPlus Programme, to discuss the strategic directions of the project held at the CIAT headquarters, Palmira, Cali, Colombia, June 2003; both the sweet potato and the cassava Biofortification Crop planning meetings during September 2003, Mukono, Uganda; Forum for Agricultural Research in Africa (FARA)/HarvestPlus (the Consultative Group on International Agricultural Research (CGIAR) biofortification challenge programme) Africa Regional Stakeholder's Workshop on Biofortification: Interfacing Agriculture and Health, Mombassa, Kenya, May 2006; HarvestPlus Nutrition Strategy and Research Activities, workshop on the nutrition issues in biofortification, Bill & Melinda Gates Foundation, Seattle, Washington, USA, July 2007; The Grand Challenges in Global Health: Nutrition Session, Grand Challenge 9 - Scientific Progress Meeting, Cape Town, October 2007; Technical Workshop to review the feasibility of biofortification as a strategy to provide additional bioavailable micronutrients and how it is assessed, IAEA Headquarters, Vienna, Austria, August 2008.
- 2008 – 2013: Member of the South African Food Data Advisory Group (SAFDAG); Chairperson of the laboratory working group.
- 2012 – 2016: Appointed member of the Reference Group for a Water Research Commission funded Project: *Current rain-fed and irrigated production of food crops and its potential to meet all year round nutritional requirements of rural poor people in North West, Limpopo, KwaZulu-Natal and Eastern Cape Provinces (K5/2172//4).*
- 2016 – 2020: Appointed member of the Reference Group for a Water Research Commission funded Project: *Water use for food and nutrition security at the start-up stage of food value chains (K5/2555//4).*
- 2015 – current: Represent the Nutrition Society of South Africa on the South African National Committee for the International Union of Nutritional Sciences (IUNS) and the International Union of Food Science & Technology (IUFoST).
- 2016: Member of working group providing definitions for total fat, saturated- monounsaturated- and polyunsaturated fatty acids, defined for the Directorate Food Control of the National Department of Health, for the Food Labelling Regulations of South Africa.

REVIEWED GRANT APPLICATIONS FOR

The National Research Foundation (NRF)
Cape Peninsula University of Technology (CPUT)

REVIEWED PAPERS FOR

Public Health Nutrition
Journal of Food Composition and Analysis
Journal of Food Quality
Journal of Agricultural and Food Chemistry
Journal of Food Science and Technology
South African Journal of Plant and Soil
African Journal of Agricultural Research
Food and Nutrition Bulletin
The Scientific World Journal
PLOS one
Acta Agriculturae Scandinavica
Prostaglandins, Leukotrienes and Essential Fatty Acids
British Journal of Nutrition

RESEARCH OUTPUTS

Peer-reviewed scientific journals	36
Research reports	3
Chapters in research reports	3
Book chapters	4
Conference proceedings	6
Invited addresses/lectures Nat/Int	17
Conference/workshop papers (national)	40
Conference/workshop papers (international)	36
