

## Professor Shannon Farmer DHSc

Dr Farmer is an academic researcher and consultant, one of the pioneers in Patient Blood Management implementation and outcomes research having been in the field for 35 years. He is on the World Health Organization (WHO) External Steering Committee for Patient Blood Management Implementation and is a Professor at The University of Western Australia, Discipline of Surgery, Medical School. He has a research appointment in the Department of Haematology, Royal Perth Hospital, and on the East Metropolitan Health Service Hospital in a Virtual Environment (HIVE) Haematology Research Committee. Since 2008 he has been on the National Blood Authority (Australia) Clinical Reference Group and the Australian Jurisdictional Blood Committee Working Group developing and updating the Australian Patient Blood Management Guidelines and governing the transition to a Living PBM Guideline. He is on the Executive Committee of the Western Australia Patient Blood Management Group, a co-founder and Scientific Associate of the International Foundation for Patient Blood Management (IFPBM), and a founding member of the Society for the Advancement of Patient Blood Management (SABM). He is Section Editor for the journal *Anesthesia & Analgesia* - a global leader in anesthesiology and the oldest continuous anaesthesia journal. He designed and implemented Australia's first comprehensive multidisciplinary Blood Conservation Program in 1990 and from 2007-2013 he was a consultant to the Western Australia (WA) Department of Health, during which time he co-designed and co-implemented the world's first health-system-wide PBM Program. He was the senior author of the Program results paper – the world's largest study on the impact of a PBM Program on clinical and economic outcomes – published in the journal *Transfusion* (Leahy et al 2017). This paper is the Most Accessed and second Most Cited article in *Transfusion*. He was also co-author of the first systematic review and meta-analysis investigating the impact of multimodal patient blood management programs on patient outcomes (Althoff et al Ann Surg 2019).



Shannon has over 50 peer-reviewed research publications, 32 abstracts, 22 book chapters, and two books on patient blood management implementation and transfusion practice and outcomes. Along with 48 international PBM experts, he is the lead author of the 2023 PBM compendium, *"Blood Works: An Owner's Guide. What Every Person Needs to Know BEFORE They are a Patient,"* published in English and Spanish, with other languages planned. He has received research grants and has been a Principal, Associate, and Chief Investigator, on clinical trials and studies. He is an invited reviewer for other peer-reviewed journals, and is a regularly invited lecturer locally, nationally, and internationally on the subject of PBM, has organised scientific meetings, has served on clinical trial committees, and has consulted to a number of national and international health bodies, departments of health, and institutions, assisting with developing PBM programs and doing collaborative research.

He has received international awards for his work, including the Society for the Advancement of Patient Blood Management (SABM) Dr Kathleen J Sazama Award "For Outstanding Leadership in Advancing Patient Rights and Patient Blood Management."