

## Emeritus Professor: Trevor Brown

I am privileged to present to you Adjunct Professor Trevor Brown. By way of introduction, Professor Brown has held School and Faculty Leadership and Management Roles at UNE between 1994 – 2021, with an outstanding national and international reputation for leadership in his field. Professor Brown has demonstrated exceptional leadership since 2013 to improve the ERA 2012 performance of Chemical Sciences, leading initiatives associated with the regulation of agricultural and veterinary (agvet) chemicals across Australia to build UNE's engagement and impact performance in chemistry, crop protection, animal health and welfare, environmental science, law and agribusiness, and notable leadership to establish research collaborations with industry, and of note is his distinguished service to his discipline, to UNE and the wider community.

Professor Browns' interest in physical and industrial chemistry began in 1981 with a BSc (Hons) and MSc in 1983 degrees at the Australian National University. An enthusiasm for chemical kinetics and reaction dynamics was initiated after working at SRI International and propagated with his PhD studies at the University of Adelaide. His Postdoctoral research at the University of Sydney led to a passion for developing experimental techniques for and theoretical modelling of processes at the surfaces of solid materials. Professor Brown commenced at the UNE in 1994 and his major research projects have included modelling adsorption, the kinetics of heterogeneous chemical processes and carbon oxidation.

Professor Brown has an outstanding international reputation for research and scholarship. He has 40+ years' experience studying physical and industrial chemistry. Professor Brown has 125+ refereed journal publications, book chapters and conference proceedings and his research has been published in high quality journals having impact influencing advancements in physical chemistry, chemical physics and chemical engineering.

Throughout his career, Professor Brown was influential in supporting numerous successful UNE research programs which have enhanced the international reputation of the institution. Underpinning these programs are numerous research grants from organisations such as National Foundation of Science and Technology Development (NAFOSTED) Vietnam, ARC LIEF and AINSE grants, as well as awards such as a Carrick Citation awarded to the UNE Chemistry team lead by Professor Brown and the David Warren Fellowship.

Professor Brown has served on many National Committees and Working Groups including the Australian Council of Deans of Information and Computing Technology, an ALTC Working Group, the Australian Council of Deans of Science, the Australian Council of Deans of Arts, Social Sciences and Humanities, a CASR Project Working Group as Chair, and the RACI Division of Industrial Chemistry Executive.

Of importance is Professor Browns' Community Engagement as an invited presenter and his roles included coordinator, secretary, Chairman and treasurer with institutions such as the Armidale University of the Third Age, STELR, Innovative Science Teaching, organizer of the Emeritus Professor RH Stokes 90<sup>th</sup> birthday celebrations, the National Youth Science Forum, RACI Nyholm Youth Lecture, Founder of the New England Section of the RACI, and organizer and involvement with many science activities with local schools (e.g., Open Day; Science in the Bush; Chemistry, Camera, Action).

Professor Browns' Teaching Grants are too numerous to list, however, examples include the CAUL Open Textbook Grant Pilot Program, ARC Discovery, OLT, ALTC-Leadership Grants, Collaborative and Structural Adjustment Reform (CASR) grant, UNE Teaching Development Grants, Higher Education Equity Support Program (HEESP) Grant, and UNE Academic Renewal funding was also received to rewrite and restructure the first year Chemistry units as well as to develop the new Forensic Science unit.

Professor Browns' leadership and reputation has been further evidenced by several key UNE Governance roles spanning his career. As an Adjunct Professor, Professor Brown continues as Secretary of the UNE Professoriate, as staff, he was a member of the UNE Hazardous Substance Reference Group, Chair of Graduate Research, Deputy Chair of the Academic Board, Chair of the Defence Trade Controls working group, Chair of the University Graduate Research Subcommittee (GRS) and Academic Board Higher Degree Research (HDR) Committee, Chair of the PVCR HDR Scholarships Subcommittee and Academic Board HDR Scholarships Committee, a member of the Academic Board Research Committee and University Research Committee, Chair of the Academic Board Working Groups: AQF compliance for HDR awards; Review of PhD rules; Show Cause Policy; HDR Coordinator Policy; Minimum Facilities Policy; HDR Scholarships Scoring Scheme, Chair of the University Graduate Research Examinations Board (GREB) and Academic Board HDR Examinations Subcommittee, a member of selection committees for the appointment of senior executives, senior management and professorial staff across the University, Academic Board representative on promotion committees, Elected academic representative for the Faculty of Arts and Sciences on the Academic Board Teaching and Learning committee, a member of the UNE ALTC Citation Committee, a member of UNE Teaching Development Grants committee, a member of UNE Study Leave committee, a member of UNE Promotion committees, and a member of the UNE OHS Strategic committee.

In conclusion, Trevor Brown is an outstanding thought leader, scholar and researcher who has made impressive contributions both to his discipline and to UNE. Trevor Brown has served the University with distinction.