

Brief Curriculum Vitae James Sharman (May 2023)

Contact Details

Menzies Institute for Medical Research (Menzies), University of Tasmania, 17 Liverpool Street, Hobart, Australia, 7000. T: (03) 6226 4709 M: 0429 090 410 E: James.Sharman@utas.edu.au

Current Positions

- 2017 – Deputy Director and Professor of Medical Research – Menzies.
 - 2009 – Head, Blood Pressure (BP) Research Group – Menzies.
 - 2022 – Adjunct Professor, Wroclaw Medical University, Poland.
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Education

- 2004 PhD University of Queensland (Exercise Science) and Wales Heart Research Institute, University of Wales College of Medicine, Cardiff, UK.
 - 2000 BHMS with First Class Honours, University of Tasmania (University Medal).
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Professional Standing (key examples)

- Scientific Advisory Board Member, STRIDE BP (Athens, Greece) an international scientific non-profit organization founded in 2019 with the mission of improving the accuracy of BP measurement and the diagnosis and management of hypertension (2023 -).
 - Advisor to the Pan American Health Organization to strengthen capacity for the development and implementation of regulatory frameworks relevant to access accurate BP devices in the Region of the Americas (2020 -).
 - World Hypertension League Special Envoy to the Board of the World Hypertension League for the Lancet Commission on Hypertension (2019 -).
 - Australian Research Council, Research Evaluation Committee for Excellence in Research for Australia (2018).
 - Invited member, National Heart Foundation of Australia Research Committee, which informs the strategic research direction for the Foundation (2011 -).
 - Elected member to the Executive Committee of the High BP Research Council of Australia (HBPRCA; former Program Secretary and website editor) (2010 – 2015).
 - Invited member to the ARTERY Council, United Kingdom (the Association for Research into Arterial Structure and Physiology)(2015 -).
 - Associate Editor, Journal of Human Hypertension (2020 -) and editorial board member of Journal of Hypertension (2017 -), American Journal of Hypertension (2011 -), Journal of Clinical Hypertension (2019 -), Journal of Human Hypertension (2013 -), Artery Research (2009 -), Pulse (2013 -), and scientific committee member for Advances in Clinical and Experimental Medicine (Wroclaw Medical University (2021 -).
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Academic Awards and Prizes (key selections)

- 2021 HBPRCA Jaye Chin-Dusting Award, HBPRCA Annual Scientific Meeting.
- 2018 Distinguished Mentor Award, International Society of Hypertension Council, Beijing, China.
- 2015 World Hypertension League Rising Star Award in Hypertension Prevention and Control.

- 2013 NHMRC Excellence Award for top ranked applicant in the Biomedical Level 2 Career Development Fellowship scheme.
- 2004 Warren Walsh Memorial Prize for the PhD graduate who makes the most outstanding contribution to their discipline and to the life of the School; University of Queensland.

Competitive Grant Funding (total >\$15 million)

Current major grants (as co CI or CIA)

- 2022 MRFF/NHMRC/Primary Health Care Research “Transforming BP control in primary care using the next generation of wearable BP devices: The NEXTGEN-BP randomised trial.” (\$1.936 m) (CIA Schutte).
- 2022 MRFF Models of Care to Improve the Efficiency and Effectiveness of Acute Care 2022 – 2027 (\$2.919 million; APP2018041) (CIA Tran).
- 2020 Royal Hobart Hospital Research Foundation Major Project Grant (\$446,000) “Accurate BP with machine learning” (CIA Picone, CIB/PI Sharman).
- 2019 NHMRC Partnership Grant 2020 – 2024 (\$1.003 m); “Improved cardiovascular Disease hEALth service delivery in Australia (IDEAL Partnership).” (CIA Sharman).

Conference Presentations (n>150)

Student Supervision

Current PhD (n=5), honours (n=1)

Completed PhD (n=21), honours/masters (n=17)

Publications (n=303 total)

Below are 10 Impactful Publications in the Last 10 years

1. Picone, DS, Campbell, NRC, Schutte, AE, Olsen, MH, Ordunez, P, Whelton, PK, SHARMAN, JE. Validation Status of BP Measuring Devices Sold Globally. JAMA. 2022;327(7):680-681.
2. Olsen, MH, et al, SHARMAN, JE, et al. A call to action and a lifecourse strategy to address the global burden of raised BP on current and future generations: the Lancet Commission on hypertension. Lancet. 2016;388(10060):2665-2712.
3. Picone DS, Chapman N, Schultz MG, Schutte AE, Stergiou GS, Whelton PK, SHARMAN JE. Availability, cost, and consumer ratings of popular non-validated vs non-validated BP measuring devices sold online in 10 countries. JAMA. 2023.
4. Picone, DS, et al, SHARMAN, JE. Accuracy of Cuff-Measured BP: Systematic Reviews and Meta-Analyses. J Am Coll Cardiol. 2017;70(5):572-586.
5. Picone, DS, Deshpande, RA, Schultz, MG, Fonseca, R, Campbell, NRC, Delles, C, Olsen, MH, Schutte, AE, Stergiou, G, Padwal, R, Zhang, X-H, SHARMAN, JE. Nonvalidated Home BP Devices Dominate the Online Marketplace in Australia. Hypertension. 2020;75(6):1593-1599.
6. SHARMAN, JE, et al, Ghiadoni, L, Hughes, A, Jankowski, P, Laurent, S, McDonnell, BJ, Mceniery, C, Millasseau, SC, Papaioannou, TG, Parati, G, Park, JB, Protogerou, AD, Roman, MJ, Schillaci, G, Segers, P, Stergiou, GS, Tomiyama, H, Townsend, RR, Van Bortel, LM, Wang, J, Wassertheurer, S, Weber, T, Wilkinson, IB, Vlachopoulos, C. Validation of non-invasive central BP devices: ARTERY Society task force consensus

- statement on protocol standardization. *Eur Heart J*. 2017;38(37):2805-2812.
7. SHARMAN, JE, et al, Laurent, S, Boutouyrie, P, Lopez-Jaramillo, P, Mcmanus, RJ, Mihailidou, AS, Ordunez, P, Padwal, R, Palatini, P, Parati, G, Poulter, N, Rakotz, MK, Rosendorff, C, Saladini, F, Scuteri, A, Sebba Barroso, W, Cho, M-C, Sung, K-C, Townsend, RR, Wang, J-G, Willum Hansen, T, Wozniak, G, Stergiou, G. Lancet Commission on Hypertension group position statement on the global improvement of accuracy standards for devices that measure BP. *J Hypertens*. 2020;38(1):21-29.
 8. Padwal, R, Campbell, NRC, Schutte, AE, Olsen, MH, Delles, C, Etyang, A, Cruickshank, JK, Stergiou, G, Rakotz, MK, Wozniak, G, Jaffe, MG, Benjamin, I, Parati, G, SHARMAN, JE. Optimizing observer performance of clinic BP measurement: a position statement from the Lancet Commission on Hypertension Group. *J Hypertens*. 2019;37(9):1737-1745.
 9. SHARMAN, JE, Marwick, TH, Gilroy, D, Otahal, P, Abhayaratna, WP, Stowasser, M. Randomized trial of guiding hypertension management using central aortic BP compared with best-practice care: principal findings of the BP GUIDE study. *Hypertension*. 2013 Dec;62(6):1138-45.
 10. Schultz, MG, Otahal, P, Cleland, VJ, Blizzard, L, Marwick, TH, SHARMAN, JE. Exercise-Induced Hypertension, Cardiovascular Events, and Mortality in Patients Undergoing Exercise Stress Testing: A Systematic Review and Meta-Analysis. *Am J Hypertens*. 2013 Mar;26(3):357-66.