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PESS+ ISSUES! is a newsletter on research, teaching, and services in Physical Education and Sports Science (PESS)

- A/P Koh Koon Teck was a guest speaker at the International Sports Teaching Symposium 2018 in Taipei, Taiwan and his topic was on "Teaching ball games".
- A/P Koh Koon Teck was a keynote speaker at the 30th International Sport Science Congress in Iksan, South Korea and his topic was on "Positive youth development and coaching practices".
- **Prof Michael Chia** was a keynote speaker at the International Physical Education & Exercise Conference in Taichung, Taiwan and his topic was on "Physical inactivity and cardiovascular disease- two sides of the same coin- the ameliorative role of physical activity and exercise".
- **Prof Michael Chia** was a keynote speaker at the World Conference on Exercise Medicine in Malacca, Malaysia and his topic was on "War on physical inactivity-case studies from Singapore".
- A/P Chow Jia Yi was a keynote speaker at the 8th Asian South Pacific Association of Sport Psychology International Congress in Keimyung University, South Korea and his topic was on "Nonlinear pedagogy: An emphasis on exploratory learning and individualized movement skills".
- A/P Chow Jia Yi was a keynote speaker at the Coach SG Conference organized by Sports Singapore, in Republic Polytechnic, Singapore and his topic was on "Nonlinear pedagogy: Coaches as facilitators of learning with a focus on the individual athlete".
- **A/P Veni Kong** was a keynote speaker at the 7th Asian Society of Sport Biomechanics Conference held in Jeju Island, South Korea and her topic was on "Biomechanical approach to chronic low back pain in runner".
- **A/P Veni Kong** was a keynote speaker at the 3rd Academic Forum on Sports and Health Science Branch of China Association of Gerontology and Geriatrics, in Ningbo, China and her topic was on "Crossing the road in Singapore: Do older pedestrians need more time?"
- A/P Stephen Burns was an invited speaker of the BASF Newtrition Seminar in Mumbai, India and his topic was on "Physical activity and nutrition for health in Asians".
- A/P Stephen Burns was an invited speaker of the BASF Newtrition Seminar in Singapore and his topic was on "Physical activity and metabolic health in Asians."
- **Ast/P Tiago Barbosa** was a keynote speaker at the 8th World Congress of Biomechanics in Trinity College, Dublin, Ireland and his topic was on "Anthropometrics, kinematics and kinetics in young swimmers".
- **Dr Chung Ho Jin** was a keynote speaker at the 30th International Sport Science Congress in Iksan, South Korea and his topic was on "Singapore's PE teacher training".
- Ast/P John Komar gave a guest lecture, titled "The use of data to analyse performance in team games" organised by Sheffield Hallam University in UK and University of Rouen in France.









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- Suppiah, H., Low, C. Y., Chong, G., & Chia, M. (In press). Effects of a short daytime replacement nap on shooting and sprint performance in high-level adolescent student-athletes. International Journal of Sports Physiology and Performance.
- Aziz, A. R., Muhamed, A. M., Ooi, C. H., Singh, R., & Chia, M. (2018). Effects of Ramadan fasting on the physical activity profile of trained Muslim soccer players during a 90-minute match. Science and Medicine in Football, 2, 29-38.
- Machado, J. C., Barreira, D., Galatti, L., Chow, J. Y., Garganta, J., & Scaglia, A. J. (In press). Enhancing learning in the context of Street Football: A case for Nonlinear Pedagogy. Physical Education and Sport Pedagogy.
- Woo, M. T., Davids, K., Liukkonen, J., Chow, J. Y., & Jaakkola, T. (In press). Immediate effects of wearing knee length socks differing in compression level on postural regulation in community-dwelling, healthy, elderly men and women. Gait & Posture.
- Kong, P. W., Chua, Y. H., Kawabata, M., Burns, S. F., & Cai, C. (2018). Effect of post-exercise massage on passive muscle stiffness measured using myotonometry: A double-blind study. Journal of Sports Science and Medicine, 17, 599-605.

- Dorling, J., Broom, D. R., Burns, S. F., et al. (2018). Acute and Chronic Effects of Exercise on Appetite, Energy Intake, and Appetite-Related Hormones: The Modulating Effect of Adiposity, Sex, and Habitual Physical Activity. Nutrients, 10(9), E1140.
- **Kawabata, M.** (2018). Facilitating flow experience in physical education settings. Psychology of Sport and Exercise, 38, 28-
- Barbosa, T. M. (2018). Hydrodynamics. In Mullen GJ (ed.). Swimming Science (pp.12-39). Ivy Press & The University of Chicago Press. London.
- Bu, E. Q. L. & Chung, H. J. (2018). Barriers towards exercise and physical activity of different ethnic groups in Middle-aged female Singaporeans. Journal of Exercise Rehabilitation, 14(5), 739-745.
- Komar, J., Potdevin, F., Chollet, D., & Seifert, L. (In Press). Between exploitation and exploration of motor behaviors: Unpacking the constraints-led approach to foster non-linear learning in Physical Education. Physical Education and Sport Pedagogy.
- Teo, W. P., Goodwill, A. M., Hendy, A. M., Muthalib, M., & Macpherson, H. (2018). Sensory manipulation results in increased dorsolateral prefrontal cortex activation during static postural balance in sedentary older adults: An fNIRS study. Brain and Behaviour, 8(10), e01109.

- A/P Koh Koon Teck (PI) Title: Perception from coaches of a values and principle in sports training programme in Singapore (Sport Singapore Grant)
- Dr Nicholas Aplin (PI) Title: Sport in Singapore: The colonial legacy (Heritage Participation Grant)
- A/P Stephen Burns was appointed as the Senate Committee Member on Academic Governance - NTU.
- **Dr Chung Ho Jin** was appointed as a Chairperson of the Bullying and Cyberbullying Prevention and Intervention Committee for elementary, middle and high school students - Singapore Korean International School (SKIS).



Selected Publications

ISSUES!





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- Prof Michael Chia was awarded the Friend of MCCY 2018 Award on 30 October 2018 for his contributions to sport in Singapore. As one of 25 national recipients for the year, he received the award from Minister Grace Fu at the Singapore Chinese Cultural Centre during the MCCY Friends Appreciation Dinner.
- A/P Chow Jia Yi was awarded the Nanyang Education Award (College). The award presented annually by the President of the University, recognizes the dedication and achievements of faculty members who displayed excellent teaching practices and enriched the learning experiences of NTU/NIE.



Prof Michael Chia registered the trademark in Singapore under education class 41 (2018-2020). SMALLQ™ stands for Surveillance of digital-Media hAbits in earLv chiLdhood Questionnaire.



Students' Achievements



Regina Lim, a PhD student under the supervision of A/P Koh Koon Teck, won the 3rd prize at the 3-Minute Thesis Competition organised by 2018 NIE Graduate Students Conference. Her topic was on "Positive youth development through sport: Redefining success through creating a task-oriented motivational



• Carol Seah, a Master's degree student under the supervision of A/P Koh Koon Teck, won the Best Paper Award at the ACPES & MoHE 2018 Conference.





- Lowell Chong's **FYP-URECA** research project, supervised by A/P Veni Kong, won the Best Oral Presentation (1st) at the Sports Medicine Association Singapore Annual Symposium.
- Joel Tan (front row, extreme left) and Keith Saw (front row, second from left), SSM students won the team bronze medal at the World Bowling Men's Championships.

- Joel Wei Maojie, supervised by Ast/P Tiago Barbosa, won the Dean's Commendation for the Undergraduate Educational Research award at NIE.
- · A research poster by Clement Lim, a PhD student under the supervision of Ast/P Leng Ho Keat, was shortlisted on the Best Poster Competition at the SingHealth Duke-NUS Scientific Congress.
- Nurul Shafiqah, a SSM student won Singapore's first medal in Pencak Silat at 2018 Asian Games in Jakarta, Indonesia.

