

Dr. Diana Tan

Academic Qualifications

2021: Associate Fellowship (AFHEA), Advance Higher Education

2013-2017: Doctor of Philosophy, University of Western Australia (UWA; awarded 17 Mar 2018)

2012: Bachelor of Science (First Class Honours) in Psychology, UWA

2008-2011: Bachelor of Science in Psychology, UWA

Employment History

Incoming: Macquarie University Research Fellow, Macquarie School of Education, Macquarie University

2021-Present: Postdoctoral Research Fellow, Macquarie School of Education, Macquarie University

2019-2021: Postdoctoral Research Associate, School of Psychological Science, UWA

2018-2019: Postdoctoral Research Fellow, Autism Research Team, Telethon Kids Institute

2018: Postdoctoral Research Associate, School of Psychological Science, UWA

2017: Postdoctoral Research Associate, School of Psychological Science, UWA

2018-2019: Research Assistant, School of Human Sciences, UWA

2012-2014: Research Assistant, UWA Business School, UWA

Honorary appointments

2021-Present: Honorary Research Fellow, School of Psychological Science, UWA

2019-Present: Honorary Research Associate, Autism Research Team, Telethon Kids Institute

2019-2021: Visiting Researcher, Autism Research Centre, University of Cambridge

2016: Visiting PhD Student, Autism Research Centre, University of Cambridge

Publications

Peer-reviewed journal articles

1. **Tan, D.W.**, Gilani, S.Z., Alvares, G.A., Mian, A., Whitehouse, A.J.O., & Maybery, M. T. (accepted) An investigation of a novel broad autism phenotype: Increased facial masculinity among parents of children on the autism spectrum. *Proceedings B of Royal Society*. doi: TBC. (Q1; JIF = 5.349)
2. O'Reilly, Z. O., Silvera-Tawil, D., Zurr, I., & **Tan, D. W.** (2022). Animation, Theory of Mind and Humanoid Robots: Creating a Social Robot Video Task. *Leonardo* (Q1; JIF = 0.25)

3. **Tan, D.W.**, Gilani, S.Z., Boutrus, M., Alvares, G.A., Whitehouse, A.J.O., Mian, A., Suter, D., & Maybery, M. T. (2021) Facial asymmetry in parents of children on the autism spectrum. *Autism Research*. doi:10.1002/aur.2612 (Q1; JIF = 5.216)
4. Alvares G. A., Licari M. K., Stevenson P. G., Bebbington K., Cooper M. N., Glasson E. J., **Tan D. W.**, Uljarevic M., Varcin K. J., Wray, J., & Whitehouse A. J. O. (2020) Investigating associations between birth order and autism diagnostic phenotypes. *Journal of Child Psychology and Psychiatry*. doi: <https://doi.org/10.1111/jcpp.13349> (Q1; JIF = 8.98)
5. Boutrus, M., Gilani, S. Z., Maybery, M. T., Alvares, G. A., **Tan, D. W.**, ..., Whitehouse, A. J. O. (2020). Brief report: Facial asymmetry and autistic-like traits in the general population. *Journal of Autism and Developmental Disorders*. doi: 10.1007/s10803-020-04661-7 (Q1; JIF = 4.29)
6. **Tan, D. W.**, Foo, Y. Z., Downs, J., Finlay-Jones, A., Leonard, H., Licari, M. K., ... Alvares, G. (2020). A preliminary investigation of the effects of prenatal alcohol exposure on facial morphology in children with Autism Spectrum Disorder. *Alcohol*. doi: 10.1016/j.alcohol.2020.03.010 (Q1; JIF = 2.405)
7. **Tan, D. W.**, Maybery, M. T., Gilani, S. Z., Alvares, G. A., Mian, A., Suter, D., & Whitehouse, A. J. O. (2020) A broad autism phenotype expressed in facial morphology. *Translational Psychiatry*. doi: 10.1038/s41398-020-0695-z (Q1; JIF = 6.222)
8. **Tan, D. W.**, Maybery, M. T., Ewing, L., Tay, J. -X., Eastwood, P. R., & Whitehouse, A. J. O (2020). Sex-specific variation in the appearance of facial masculinity/femininity associated with autistic traits in the general population. *British Journal of Psychology*. doi: 10.1111/bjop.12436 (Q1; JIF = 4.267)
9. Boutrus, M., Gilani, S. Z., Alvares, G. A., Maybery, M. T., **Tan, D. W.**, Mian, A., & Whitehouse, A. J. O. (2019). Increased facial asymmetry in autism spectrum conditions is associated with symptom presentation. *Autism Research*. doi: 10.1002/aur.2161 (Q1; JIF = 5.216)
10. **Tan D. W.**, Maybery, M. T., Clarke, M. W., Di Lorenzo, R., Evans, M.O., ..., Whitehouse, A. J. O (2018). No relationship between autistic traits and salivary testosterone in men from the general population. *PLoS One*. doi: 10.1371/journal.pone.0198779 (Q1; JIF = 3.24)
11. **Tan, D. W.***, Gilani, S. Z.* , Maybery, M. T., Mian, A., Hunt, A., Walters, M., Whitehouse, A. J. O. (2017). Hypermasculinised facial morphology in boys and girls with Autism Spectrum Disorder and its association with symptomatology. *Scientific Reports*. doi:10.1038/s41598-017-09939-y. *Joint first authors (Q1; JIF = 4.379)
12. Boutrus M., Maybery M.T., Alvares, G. A., **Tan, D. W.**, Varcin, K. J., & Whitehouse, A. J. O. (2017). Investigating facial phenotype in Autism Spectrum Conditions: The importance of a hypothesis driven approach. *Autism Research*. doi: 10.1002/aur.1824. (Q1; JIF = 5.216)

13. Whitehouse, A. J. O., Gilani, S. Z., Shafait, F., Mian, A., **Tan, D. W.**, Maybery, M. T., ..., Eastwood, P. (2015). Prenatal testosterone exposure is related to sexually dimorphic facial morphology in adulthood. *Proceedings B of Royal Society*. doi: 10.1098/rspb.2015.1351. (Q1; JIF = 5.349)
14. **Tan, D. W.***, Russell-Smith, S. N.*, Simons, J. M., Maybery, M. T., Leung, D., Ng, H. L. H., & Whitehouse, A. J. O. (2015). Perceived gender ratings for high and low scorers on the autism-spectrum quotient consistent with the extreme male brain account of autism. *PLoS One*, 10(7), 1-9. doi: 10.1371/journal.pone.0131780 *Joint first authors (Q1; JIF = 3.24)
15. Gilani, S. Z.*, **Tan, D. W.***, Russell-Smith, S. N., Maybery, M. T., Mian, A., Eastwood, P. R., ... Whitehouse, A. J. O. (2015). Sexually dimorphic facial features vary according to level of autistic-like traits in the general population. *Journal of Neurodevelopmental Disorders*, 7(14), 1-10. doi: 10.1186/s11689-015-9109-6 *Joint first authors (Q1; JIF = 4.025)

Peer-Reviewed Conference Proceedings

16. O'Reilly, Z. O., Silvera-Tawil, D., **Tan, D. W.**, & Zurr, I. (2021). Validation of a novel theory of mind measurement tool: The social robot video task. *ACM/IEEE International Conference on Human-Robot Interaction*
17. Chen, F., Togneri, R., Maybery, M., & **Tan, D. W.** (2020). An objective voice gender scoring system and identification of the salient acoustic measures. *Interspeech* (Q1; JIF = 2.31)

Under Review

18. Chen, F., Togneri, R., Maybery, M. T., & **Tan, D. W.** Voice gender scoring and independent acoustic characterisation of perceived masculinity and femininity. (Revise and resubmit)
19. Chen, F., Togneri, R., Maybery, M. T., & **Tan, D. W.** Gender classification and salient acoustic factors characterisation of children's voices. (Under review)
20. Richards, G., **Tan, D. W.**, Whitehouse, A. J. O., McManus, I. C., Beaton, A. A., Hickey, M., Maybery, M. T., Licari, M. K., & Lawson, L. A longitudinal examination of perinatal testosterone, estradiol and vitamin D as predictors of handedness outcomes in childhood and adolescence. (Revise and resubmit)
21. Loo, B. R. Y., Teo, T. J. Y., Liang, M. J., Leong, D-J., **Tan, D. W.**, Zhuang, S., Hull, L., Livingston, L. A., Mandy, W., Happe, F., & Magiati, I. Exploring autistic adults' psychosocial experiences affecting beginnings, continuity, and change in camouflaging over time: A qualitative study. (Under review)

Competitive Funding

2022-2024: Macquarie University Research Fellowship, AUD 357,649.58

2021: Macquarie University ECR Enabling Scheme, AUD 2,471.78

2019: British Academy/Leverhulme Small Research Grant, £3,079.07 (≈ AUD 5,511.75)*

2019: UWA School of Psychological Science Departmental Grant, AUD 2,500
2018: UWA School of Psychological Science Departmental Grant Round 2, AUD 3,450
2018: Raine Medical Research Foundation BrightSpark Research Collaboration Award, AUD 7,600
2018: UWA School of Psychological Science Departmental Grant Round 1, AUD 2,000
2015: UWA and Graduate Women (Inc.) Research Scholarship, AUD 5,000
2013-2017: International Postgraduate Research Scholarship, AUD 253,875
*Associate Investigator

Awards

2020: UWA School of Psychological Science Postgraduate Conference Best Staff Poster
2017: UWA School of Psychological Science Community & Engagement Award
2013: UWA H.L. Fowler Prize in Psychology for best Honours thesis, AUD 100
2012: UWA/PSB Academy Human Sciences Prize and Medal, AUD 1,000
2012: UWA/PSB Academy Human Sciences Prize, AUD 500
2012: UWA Highest Achieving Student for Adult Psychopathology (PSYC 3314), AUD 100
2012: UWA Highest Achieving Student for Statistics and Research Methods (PSYC 3301), AUD 100

Presentations

Invited Colloquia

2020: Using face shapes to understand the biopsychosocial processes of autism. CliniKids, Telethon Kids Institute, Perth, Australia
2019: Can the face predict the brain? Facial morphology associated with autism spectrum disorder. Department of Psychiatry, University of Cambridge, UK
2019: Can the face predict the brain? Facial morphology associated with autism spectrum disorder. School of Psychology, University of East Anglia, UK
2017: Facial morphology in autism. School of Psychological Science, UWA
2017: Facial morphology in autism. ARC Centre of Excellence in Cognition and its Disorders Seminar series, University of Western Australia
2016: Facial morphology in autism. Department of Psychiatry, University of Cambridge, UK

Conference Presentations (Oral)

2020: Broad autism phenotype expressed in facial morphology. Australasian Society for Autism Research Conference, Wellington, New Zealand (Virtual)

2016: Masculinised facial features in prepubescent boys with autism spectrum disorder. Australasian Society for Autism Research Conference, Perth, Australia

2015: Perceived gender ratings for high and low scorers on the autism-spectrum quotient consistent with the extreme male brain account of autism. Student Symposium, Telethon Kids Institute

2014: Sexually dimorphic facial features vary according to level of autistic-like traits in the general population. Australasian Society for Autism Research Conference, Melbourne, Australia

2014: Sexually dimorphic facial features vary according to level of autistic-like traits in the general population. Raine Study Annual Scientific Meeting, UWA

Conference Presentations (Posters)

2020: Facial trustworthiness of neurotypical adults with varying degrees of autistic traits using explicit and implicit ratings. Society for Autism Research Conference, Wellington, New Zealand (Virtual)

2020: Facial first impressions associated with varying levels of autistic traits. School of Psychological Science Postgraduate Conference, UWA (Awarded best staff poster)

2019: Facial first impressions associated with varying levels of autistic traits. International Society for Autism Research, Montreal, Canada

2019: Heritability of facial masculinity in Autism Spectrum Disorder. International Society for Autism Research, Montreal, Canada

2018: Heritability of facial masculinity in Autism Spectrum Disorder. Australasian Society for Autism Research, Gold Coast, Australia

2018: Specific variations in perceived facial masculinity across levels of autistic-like traits. Australasian Society for Autism Research, Gold Coast, Australia

2018: Specific variations in perceived facial masculinity across levels of autistic-like traits. International Society for Autism Research, Rotterdam, The Netherlands

2015: Perceived gender ratings for high and low scorers on the autism-spectrum quotient consistent with the extreme male brain account of autism. Asia Pacific Autism Conference, Brisbane, Australia

Research Supervision

Ongoing Postgraduate Student

Sici Zhuang, School of Psychological Science, UWA (2021-Present)

Thesis title: Investigating Psychological and Sociocultural Influences in Camouflaging and Its Relationship with Mental Health and Wellbeing in Autistic Adults

Lashindri Wanigasekera, School of Psychological Science, UWA (2020-Present)

Thesis title: *Investigating facial first impressions towards children on the autism spectrum.*

Fuling Chen, School of Electrical, Electronic, and Computer Engineering, UWA (2019-Present)

Thesis title: *Characterising vocal features associated with autism.*

Completed Postgraduate Student

Ziggy O'Reilly (2019) Social Robot Videos: A New Task to Measure Theory of Mind Towards Humanoid Robots in Children with Autism Spectrum Disorder. Master of Biological Arts. Supervised with Dr. Ionat Zurr (UWA) and Dr. David Silvera-Tawil (CSIRO Marsfield, NSW). Thesis grade: 94%

Completed Psychology/Neuroscience Honours Students

2021: Lily Squire, Leena William, Mackenzie Bougoure

2020: Sophia Li, Alexis Gaman, Linh Nguyen, Matilde Pagnin

2019: Lashindri Wanigasekera, Verusha Kander, Ashleigh Jackson

2018: Brooke Peden, Chloe-Jade Rudyard, Hana Tambunan

2015: Melissa Evans, Michael Mancinone, Christina Panos

Undergraduate and High School Research/Work Experience Interns

2022: Lakshi Jayawardane, Sharon Shaju

2021: Chloe Bryant, Yan Guan, Marion Rabuka, Hannah Winspear-Schillings

2020: Aiden Lewis, Natalie Teasdale

2019: Isabelle Yuen, Lashindri Wanigasekera, Aoife Doran

2017: Alice Thanur, Nisha Oza

Teaching

Lecturer

[PSYC 3310: Specialist Research Topics](#) (2017-2020)

[PSYC 3313: Lifespan Development](#) (2019-2021)

[PSYC 2213: Lifespan Development](#) (2019-2021)

[NEUR 1001: Neuroscience in Society](#) (2017-2018)

Practicum Supervisor

[SSEH 3345: Lifespan Motor Development](#) (2018)

Coordinating Lead Tutor

[PSYC 2203: Introduction to Quantitative Methods in Psychology](#) (2017-2018)

Sessional Tutor

PSYC 2203: Introduction to Quantitative Methods in Psychology (2014-2018)

PSYC 2208: Atypical Development (2014)

Professional Service

Service to Journals and Professional Societies

Ad-Hoc Manuscript Peer Reviewer for Journals

Biological Psychiatry (JIF = 12.10)

Journal of Personality and Social Psychology (JIF = 6.34)

Journal of Child Psychology and Psychiatry (JIF = 6.13)

Molecular Autism (JIF = 5.71)

Autism (JIF = 4.61)

Scientific Reports (JIF = 4.44)

Frontiers in Genetics (JIF = 3.79)

European Child and Adolescent Psychiatry (JIF = 3.34)

Journal of Autism and Developmental Disorders (JIF = 3.05)

Research in Autism Spectrum Disorders (JIF = 2.91)

Conferences

2020: Chaired the 'Social Cognition' Session at the Australasian Society for Autism Research Conference

2018, 2020: Reviewed abstracts for Australasian Society for Autism Research Conference

2018-2019: Reviewed abstracts for International Society for Autism Research Conference

Society memberships

2014-Present: Member of the Australasian Society for Autism Research

2017-Present: Member of the International Society for Autism Research

2021-Present: Facilitator of the Stigma and Autism Research Network

Service to the Australian Academy of Science and UWA

2020-Present: Member of the EMCR Forum, Australian Academy of Science

2020-2021: ECR Representative in the Research Committee in the School of Psychological Science

2019-2021: Coordinator of the Research Training Workshop series in the School of Psychological Science
In this role, I independently develop a series of 12 workshops conducted throughout the year to help postgraduate students and colleagues gain further research skills (e.g., R).

2018-2020: Member of the Indigenous Engagement Working Party in the School of Psychological Science
In this role, we reviewed teaching practices and engagement with Indigenous Psychology students. Over a 2-year period, we: (1) negotiated University-funded scholarships for Indigenous

Psychology Honours students; (2) lowered entry requirements into the Psychology Honours program for Indigenous students; (3) introduced a mentoring program for Indigenous undergraduate students in Psychology; and (4) increased staff engagement with Indigenous Psychology content in teaching curriculum.

Outreach

- 2020:** Served as a panellist in a discussion on post-PhD career pathways in UWA Psychology
- 2020:** Led an engagement session in the Children's University Programme
- 2020:** Served as a panellist in a discussion on post-PhD career pathways in Murdoch University
- 2019:** Selected as a STEM representative at the SciTech Science Café
- 2019:** Represented UWA School of Psychological Science at the Faculty of Science Career Café
- 2018:** Served as a panellist at the UWA Alumni Career Café
- 2017:** Presented research to families of autistic children at Autism Open Day held at Curtin University

Media engagements

- 2020:** [*Siblings of autistic children may have distinct facial features.*](#) Spectrum News
- 2017:** [*Facial recognition may reveal things we'd rather not tell the world. Are we ready?*](#) Boston Globe
- 2017:** [*Facetime: Catching autism early.*](#) Science Node
- 2017:** [*Perth researchers in breakthrough autism diagnosis.*](#) Channel 7 News Perth
- 2017:** [*Link between face shape and autism.*](#) Channel 9 News Perth
- 2017:** [*Computer algorithm links facial masculinity to autism.*](#) UWA News
- 2015:** [*Testosterone levels linked to higher autistic traits.*](#) Science Network WA

Referees

Available upon request.