



DIAO, YUCUI



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Education

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| ➤ Shandong Normal University, China | Bachelor of Physical Education | 2006.09-2010.06 |
| ➤ Shandong Normal University, China | Master of Physical Education and Training | 2006.09-2010.06 |
| ➤ East China Normal University, China | Doctor of Education | 2014.09-2018.06 |
| ➤ Deakin University, Australia | Visiting Scholar | 2016.10-2016.12 |

Working Experience

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| ➤ The Second Middle School of Gaoqing, China | PE teacher | 2013.08-2014.05 |
| ➤ Shandong Normal University, China | Lecturer | 2018.08-2022.12 |
| ➤ Shandong Normal University, China | A/Prof. | 2023.01- |

Teaching Expertise

Specializing in teaching motor development, School Physical Education and Statistics.

- **postgraduate courses:** *Introduction to Human Motor Development, Studies on Physical Education*
- **undergraduate courses:** *Sports Statistics, Early Childhood Physical Education Instruction*

Research

Since 2010, I had been dedicated to measuring, evaluating, and implementing interventions for fundamental movement skills in children and adolescents in China. I had developed the test of fundamental movement skills and implemented intervention **programs** in primary schools. About 20 articles had been published in English and Chinese on this topic. Now, a nationwide data of Chinese children's fundamental motor competence and physical literacy had been collected. More articles will be published in the future.

Funded Project

- National Social Science Fond Project (Young Research Project): 19CTY011, 2019-2024: RMB 200,000
Promotion of Fundamental Motor competence of Chinese Children in the Perspective of Core Physical Literacy,
Yucui Diao, Project Leader
- Social Science Planning Research Project in Shandong: 16CTYJ04, 2016-2019: RMB 30,000
Fundamental movement pattern in Chinese children aged 3-10 years old, Jing Li, **Yucui Diao**
- Science and Technology Development Plan Project in Shandong: 2014GSF122004, 2014-2017: RMB110,000
The evaluation and influencing factors of gross motor development in Chinese children, Yingying Liu, Jing Li, **Yucui Diao**

Research

Main Publications

- **Diao, Y.**, Wang, L., Chen, S., Barnett, L. M., Mazzoli, E., Essiet, I. A., ... & Li, J. (2024). *The validity of the Physical Literacy in Children Questionnaire in children aged 4 to 12*. BMC Public Health, 24(1), 869.
- Li, X., Su, Z., Wang L., Li, J., & **Diao, Y.** (2024). Psychometric evaluation of the pictorial scale of perceived movement skill competence in Chinese children: an item response theory analysis. *Child: Care, Health & Development*, (in press).
- **Diao, Y.**, Dong, C., Barnett, L. M., Estevan, I., Li, J., & Ji, L. (2018). *Validity and reliability of a pictorial instrument for assessing fundamental movement skill perceived competence in Chinese children*. Journal of Motor Learning and Development, 6(s2), S223-S238.
- Martins, C., Romo-Perez, V., Webster, E. K., Duncan, M., Lemos, L. F., Staiano, A. E., ... **Diao, Y.** & Barnett, L. M. (2024). *Motor competence and body mass index in the preschool years: A pooled cross-sectional analysis of 5545 children from eight countries*. Sports medicine, 54(2), 505-516.

In Chinese:

- Monographs: **Diao Y.** (2022). *Study on Fundamental Movement skill of Children*, Jilin Publishing Group Co.
- **Diao, Y.**, Li, X., Chen, S., Li, J. (2023). *The Effect of Actual-Perceived Motor Competence Congruence on Physical Activity in Children: The Mediating Role of Autonomous Motivation*. Journal of Beijing Sport University, 46(12):103-116.
- **Diao, Y.**, Chen, L., Zhang, C., Li, J. (2022). *Self-perception and Motor Competence in Normal-weight, Overweight and Obese Children*. Journal of Beijing Sport University, 45(03):104-117.
- **Diao, Y.**, Dong, C., Li, J. (2018). The establishment of Norm of Gross motor development Test in Shanghai. *China Sport Science & Technology*, 54(02):98-104.
- **Diao, Y.**, Dong, C., Li, J. (2017). *Associations between Fundamental Movement Skills and Perceived Movement Skills Competence of Children Aged 4 to 9*. Journal of Tianjin University of Sport, 32(04):326-331.

Service activities

I primarily enhance the visibility and influence of motor development in China through continuous scientific research, post-teacher training, and media promotion. I will collaborate with scholars in China on motor development research to further expand the influence of motor development.

- With 14 years of dedicated research in motor development, we are one of the earliest teams in China to conduct research on gross motor development. Since 2016, we have collaborated with Lisa's team to focus on innovation research in motor development and physical literacy. I had given oral presentations on motor development and physical literacy at the ISBNPA Annual Conference, National Psychology Academic Conference, National Sports Science Conference, National Early Childhood Physical Education Science Paper Report Conference, and the First International Conference of Chinese Physical Literacy Association.
- As a specialist, I had provided training on motor development for teachers in kindergarten and elementary school from Jinan, Qingdao, and Shanghai in China. Also, I engage in collaborative research and teaching on Fundamental movement skills with many kindergartens and elementary schools in Jinan, Shanghai, Shenzhen, Xiamen, and others.
- In 2021, I was invited to participate in the youth health program on Jinan Children's TV Station, where I extensively promoted the relationship between motor development and health promotion in children and adolescents.