

## Chen-an Yu

Doctoral researcher

**[School of Sport, Exercise and Rehabilitation Sciences \(/schools/sport-exercise/index.aspx\)](/schools/sport-exercise/index.aspx)**

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### About

**PhD Title:** Sport and Exercise Psychology

**Supervisor:** Professor Joan L Duda

Chen-an is PhD student from Taiwan in School of Sport, Exercise and Rehabilitation Science at the University of Birmingham in the United Kingdom, now he is in his fourth year of the study.

### Qualifications

Sport and Exercise consultant internship (Society for Sport and Exercise Psychology of Taiwan)  
Level C baseball coaching license (Chinese Taipei Baseball Association)

### Biography

Chen-an finished his undergraduate degree major of psychology at National Chengchi University (Taiwan), then decided to focus on the sport and exercise psychology of higher academic achievement. His research interest during the master program was the effect of positive motivation among high school basketball player and university students. On completion his master degree in National Taiwan sport university, he completed his national service as a physical training corporal.

Chen-an worked as a research assistance in National Taiwan Normal University (Taiwan) from 2009-2010. He had fruitful research experience during that period and received the financial support from the education ministry of Taiwan government, for pursuing of his PhD study at University of Birmingham (UK) He is now under Professor Joan Duda's supervision.

### Research

Chen-an's research interest is the association between the objective physical activity data (accelerometry data) and other psychological variables among rheumatoid arthritis patients.

### Other activities

#### Conference Oral presentations

Yu, C., Rouse, P. C., Veldhuijzen Van Zanten, J.J.C.S., Metsios, G.S., Ntoumanis, N., Kitas, G.D. & Duda, J. L., (2013). *Physical activity engagement in Rheumatoid Arthritis patients: Measurement issues and motivational determinants*. Presented at MRC-ARUK Centre for Musculoskeletal Ageing Research Conference, University of Birmingham

Yu, C., Rouse, P. C., Veldhuijzen Van Zanten, J.J.C.S., Metsios, G.S., Ntoumanis, N., Kitas, G.D. & Duda, J. L., (2013). *The Effect of a Self-Determination Theory Based Exercise Intervention on Objectively Measured Physical Activity Levels in Rheumatoid Arthritis Patients*. 18th annual Congress of the European College of Sport Science.

Yu, C., Rouse, P. C., Veldhuijzen Van Zanten, J.J.C.S., Metsios, G.S., Ntoumanis, N., Kitas, G.D. & Duda, J. L., (2012). *Associations between Objective and Subjective Physical Activity Measurements among Rheumatoid Arthritis Patients*  
UK Society for Behavioural Medicine, 8th Annual Scientific Meeting.

#### Conference Poster presentations

Rouse, P. C., Duda, J. L., Veldhuijzen Van Zanten, J.J.C.S., Metsios, G.S., Ntoumanis, N., Yu, C. & Kitas, G.D. (2012). *Objective and subjective physical activity as predictors of fitness in rheumatoid arthritis*. UK Society for Behavioural Medicine, 8th Annual Scientific Meeting.

Yu, C., Rouse, P. C., Veldhuijzen Van Zanten, J.J.C.S., John, H., Ntoumanis, N., Kitas, G.D. & Duda, J. L., (2011). *Motivation-related Predictors of Physical Activity Engagement and Subjective Vitality in Rheumatoid Arthritis Patients: A Test of Basic Needs Theory*. 2011 UK Society for Behavioural Medicine 7th Annual Scientific Meeting.

Yu, C. A., Chi, L. (2010). *The Effect of Positive Emotions on Broadening Scope of Attention and Negative Arousal Undoing in Sport*. North American Society for the Psychology of Sport and Physical Activity Conference. Poster presentation.

Chou, Y. H., Yu, C. A., & Chi, L. (2010). *The relationships between coaching efficacy, collective efficacy, team performance and satisfaction in youth softball teams*. North American Society for the Psychology of Sport and Physical Activity Conference. Poster presentation.

Chen, C. W., Yu, C. A. (2007) *The Relationship of Passion and Exercise Motivation among Recreational Tennis Player*. 5th The Asian South Pacific Association of Sport Psychology International congress in Thailand.

### Publications

Rouse, P. C., Duda, J. L., Veldhuijzen Van Zanten, J.J.C.S., Metsios, G.S., Ntoumanis, N., Yu, C. & Kitas, G.D. (2013). Feelings of competence and relatedness during physical activity are related to well-being in rheumatoid arthritis patients: Preliminary findings from a randomised control trial. *Annals of the Rheumatic Disease*, 72, S3, 1093.

Yu, C., Rouse, P. C., Veldhuijzen Van Zanten, J.J.C.S., Metsios, G.S., Ntoumanis, N., & Kitas, G.D., Duda, J. L. (in preparation). Motivation-related Predictors of

Yu, C., Rouse, P. C., Veldhuijzen Van Zanten, J.J.C.S., Metsios, G.S., Ntoumanis, N., & Kitas, G.D., Duda, J. L. (in preparation). Associations between objective and self-reported physical activity data in rheumatoid arthritis patients

Yu, C. A., Chi, L. (2008). The Role of Positive Affect in Sport-Based on Broaden-and Build Theory. *The University Physical Education & Sports*, 99, 142-146.

Chen, C. W., Yu, C. A.(2007) Passion in Sport. *The University Physical Education &Sports*, 93, 113-118.

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