

# Johannes Carl

## Publications: Journal Articles

### Research activities in the area of Physical Activity-related Health Competence (PAHCO)

- (1) Carl, J., Grüne, E., Popp, J., & Pfeifer, K. (2020). Physical activity promotion for apprentices in nursing care and automotive mechatronics - Competence counts more than volume. *International Journal of Environmental Research and Public Health*, 17, 793.
- (2) Carl, J., Sudeck, G., & Pfeifer, K. (2020). Competencies for a healthy physically active lifestyle – Reflections on the Model of Physical Activity-related Health Competence. *Journal of Physical Activity and Health*, 17(7), 688-697.
- (3) Carl, J., Sudeck, G., Geidl, W., Schultz, K., & Pfeifer, K. (2020). Competencies for a healthy physically active lifestyle – Validation of an integrative model. *Research Quarterly for Exercise and Sport*.
- (4) Carl, J., Geidl, W., Schultz, K., & Pfeifer, K. (in press). Veränderungen in der bewegungsbezogenen Gesundheitskompetenz bei Personen mit COPD während einer pneumologischen Rehabilitation [Changes of physical activity-related health competence in persons with COPD during pulmonary rehabilitation]. *Praxis Klinische Verhaltensmedizin und Rehabilitation*.
- (5) Carl, J., Sudeck, G., & Pfeifer, K. (resubmitted). Competencies for a healthy physically active lifestyle – Second-order analysis and multidimensional scaling. *Frontiers in Psychology*.
- (6) Carl, J., Hartung, V., Tallner, A., & Pfeifer, K. (under review). The relevance of competences for a healthy, physically active lifestyle in persons with multiple sclerosis (pwMS): A path analytical approach. *Annals of Behavioral Medicine*.
- (7) Carl, J. im Namen des Netzwerks Bewegungsbezogene Gesundheitskompetenz (submitted). Herausforderungen für die Kompetenzorientierung im Gesundheitssport – Bericht von Aktivitäten des Netzwerks Bewegungsbezogene Gesundheitskompetenz [Challenges for Competence-Oriented Health-Enhancing Physical Activity – A Report of Activities by the Physical Activity-related Health Competence Network. *Bewegungstherapie und Gesundheitssport*.
- (8) Carl, J., Geidl, W., Schuler, M., Leibert, N., Mino, E., Wittmann, M., Schultz, K., & Pfeifer, K. (submitted). Towards a Better Understanding of Physical Activity in People with COPD – Predicting Physical Activity After Pulmonary Rehabilitation Using an Integrative Competence Model. *Clinical Rehabilitation*.
- (9) Grüne, E., Popp, J., Carl, J., & Pfeifer, K. (in preparation). Bewegungsbezogene Gesundheitskompetenz in der Pflegeausbildung [Physical Activity-related Health Competence in Vocational Education of Nursing Care]. *Bewegungstherapie und Gesundheitssport*.

### Other publications

- (10) Grüne, E., Popp, J., Carl, J., & Pfeifer, K. (2020). Effectiveness of Physical Activity Interventions in Vocational Education and Training: A Systematic Review. *BMC Public Health*, 20, 978.
- (11) Thiel, A., John, J., Carl, J., & Thedinga, H. (2020). Weight stigma experiences and physical (in)activity - A bio-graphical analysis. *Obesity Facts*, 13, 386-402.
- (12) Popp, J., Carl, J., Grüne, E., Semrau, J., Gelius, P., & Pfeifer, K. (2020). Physical activity promotion in German vocational education: does capacity building work? *Health Promotion International*, 1-13.

- (13) Popp, J., Grüne, E., Carl, J., & Pfeifer, K. (2019). PARC-AVE - Partizipative Bewegungsförderung in der beruflichen Bildung [PARC-AVE - Participatory Physical Activity Promotion in Vocational Education]. *Bewegungstherapie und Gesundheitssport*, 35, 224-225.
- (14) Geidl, W., Carl, J., Cassar, S., Leibert, N., Mino, E., Wittmann, M., Wagner, R., Schultz, K., & Pfeifer, K. (2019). Physical Activity and Sedentary Patterns in 326 Persons with COPD before Starting a Pulmonary Rehabilitation: A Cluster Analysis. *Journal of Clinical Medicine*, 8(9), 1346.
- (15) Janssens, T., Van de Moortel, Z., Geidl, W., Carl, J., Pfeifer, K., Leibert, N., Wittmann, M., Schultz, K., von Leupoldt, A. (2019). Impact of Disease-Specific Fears on Pulmonary Rehabilitation Trajectories in Patients with COPD. *Journal of Clinical Medicine*, 8(9), 1460.
- (16) Raabe, J., Schmidt, K., Carl, J., & Höner, O. (2019). The Effectiveness of Autonomy Support Interventions With Physical Education Teachers and Youth Sport Coaches: A Systematic Review. *Journal of Sport and Exercise Psychology*, 46(1), 345-355.
- (17) Carl, J., Thedinga, H.K., Zipfel, S., & Thiel, A. (2018). Stimulating Weight Stigma in Future Experimental Designs on Physical Activity-Development and Pilot Validation of a Video Instrument. *Obesity Facts*, 11(3), 206-220.
- (18) Raabe, J., Castillo, E., & Carl, J. (re-submitted). Mental qualities and techniques in tactical populations: A systematic review. *The Sport Psychologist*.
- (19) Popp, J., Carl, J., Grüne, E., & Pfeifer, K. (in preparation). Extending co-creation in health promotion: The Practice Dive approach. *Health Promotion International*.
- (20) Geidl, W., Carl, J., Leibert, N., Häusl, S., Wittmann, M., Schuler, M., Schultz, K., & Pfeifer, K. (in preparation). Effects of a brief, pedometer-based behavioral intervention for individuals with COPD during inpatient pulmonary rehabilitation on 6-week and 6-month objectively measured physical activity with COPD.
- (21) Popp, J., Grüne, E., Carl, J., Semrau, J., & Pfeifer, K. (in preparation). Developing and implementing measures for physical activity promotion: an evaluation framework for a co-creation approach. *Health Research Policy and Systems*.

## **Chair at Conference Sessions**

- (1) Töpfer, C. & Carl, J. (2019). *Sport- und Bewegungsbezogene Gesundheitskompetenzen im Kontext Bildung*. Workshop / Session at 24. Sportwissenschaftlicher Hochschultag (Sport im öffentlichen Raum), Berlin, Germany, September 18-20<sup>th</sup>, 2019.

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