

CURRICULUM VITAE



Herbert Wagner

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Biography

Born on 1st October, 1972, in Steyr (Austria)

Married to Mag. Sigrid Wagner

Children: Christian (13) and Thomas Wagner (11)

Education

University Education

1992 - 1993 Technical Mathematics, University of Linz

1993 - 1998 Sport Science and Communication Science, University of Salzburg

1995 - 1998 Mathematics and Sport, University of Salzburg

1998 Diploma Mag. Phil., University of Salzburg

2003 Diploma Dr. Phil., University of Salzburg

Title of doctoral thesis: "Optimization of complex motor behaviors in team handball", Reviewer: Univ.-Prof. Dr. Hermann Schwameder, Univ. Prof. Dr. Erich Müller (University of Salzburg, Austria)

Further Education

1993 - 1994 Tennis Instructor, National Trainer Academy, Linz

Since 1999 Team Handball Instructor, National Trainer Academy, Linz

2000 - 2001 Basic Coach, National Trainer Academy, Vienna

1999 - 2002 Special Coach in Team Handball, National Trainer Academy, Linz

University Career

1998	Student Tutor, Institute of Physics and Biophysics, University of Salzburg
1998 - 2002	Student Assistant, Institute of Sport Science, University of Salzburg
2002 - 2006	Project Assistant, Institute of Sport Science, University of Salzburg
2006 - 2011	Assistant Professor, Department of Sport Science and Kinesiology, University of Salzburg
Since 2011	Associated Professor, Department of Sport Science and Kinesiology, University of Salzburg

Title of Habilitation: "Throwing and jumping performance in elite team ball sport games", Reviewer: Caroline Nicole (Aix-Marseille University, France), Sigrid Thaller (University of Graz, Austria), Vesa Linnamo (University of Jyväskylä, Finland)

Functions at University

Since 2006	Head of the Qualification Examination, Department of Sport Science and Kinesiology, University of Salzburg
2007 - 2011	Head of the Biomechanics Laboratory, Department of Sport Science and Kinesiology, University of Salzburg
Since 2014	Coordinator for the Dual Career Program „Sport-Performance-Studies“, University of Salzburg
Since 2014	Member of numerous habilitation and professorship appointment procedures, University of Salzburg
Since 2015	Senator, University of Salzburg
2015 - 2016	Task Force „tabula honorum“ (revocation of honorary doctors due to national socialist background), University of Salzburg
Since 2016	First Assistant Chairman, Senate, University of Salzburg
Since 2016	Member of the Austrian University Senates Chairmen Conference
Since 2016	Chairman of the Non-Professorial Staff Curia, Department of Sport Science and Kinesiology, University of Salzburg
2017 - 2018	Task Force for the adaptation of the doctoral and habilitation curricula, University of Salzburg
Since 2018	Task Force for the adaptation of the frame curricula and statutes of the University of Salzburg

Research

Research Focus

Training Science: Biomechanical and physiological performance in team sports, testing team sport specific performance, specific training in elite sport

Social Science: Dual career in education and elite sport, migration and dual career

Grants

- 2010 - 2011 *Science based training in team handball*, (Lead: H. Wagner), funded by ABS (workgroup to support elite sport in Austria)
- 2012 - 2013 *Coordination training modul*, (Lead: H. Wagner), funded by FFG
- 2013 - 2017 *Facilitating Higher Education for Athletes – WINNER Education Model*, (Lead: Lapland University of Applied Sciences, Finland), funded by EC longlife learning program
- Since 2015 *Training and testing in team sport games*, (Lead: H. Wagner), funded by sport federations and clubs
- 2018 - 2020 *Athletic migration: Dual Career and qualification in sports (AMID)*, (Lead: H. Wagner), founded by EC Erasmus+

Further Projects

- 1998-2000 *Training and testing in elite handball*, (Lead: H. Wagner), ABS (workgroup to support elite sport in Austria) project
- 1998-2000 *Training and testing in elite volleyball*, (Lead: University of Salzburg), ABS project
- 1999-2000 *Stretch shortening cycle in cross country skiing*, (Lead: University of Salzburg), ABS project
- 1999-2001 *Training and testing in track and field*, (Lead: University of Salzburg), ABS project
- 2000-2012 *Motor learning and motor behaviour in team handball throwing*, (Lead: H. Wagner), cooperation project with the Pennsylvania State University/USA
- 2002-2004 *Validation of a specific endurance test in sailing*, (Lead: University of Salzburg), ABS project
- 2003-2005 *EMG activities in team sports as well as track and field using Wavelet analysis*, (Lead: H. Wagner), cooperation project with the University of Calgary/Canada
- 2004-2007 *Biomechanical analysis in alpine skiing*, (Lead: University of Salzburg), CD-laboratory project (founded by the Christian Doppler fundation)
- 2005-2008 *Adaptation to infrared heat treatment in elite and healthy sport*, (Lead: University of Salzburg), CD-laboratory project
- 2007-2010 *Biomechanical analysis in volleyball and beach volleyball*, (Lead: H. Wagner), cooperation project with the University of Graz/Austria
- 2007-2010 *Influence of coordination training and infrared heat treatment to low back pain*, (Lead: University of Salzburg), CD-laboratory project

- 2007-2013 *Lower extremity joint loading during walking with MBT shoes*, (Lead: University of Salzburg), CD-laboratory project
- 2009-2012 *Division of labour within the visual system*, (Lead: University of Salzburg), cooperation project with the Department of Psychology/University of Salzburg/Austria
- 2009-2012 *Biomechanical analysis and performance in tennis*, (Lead: University of Salzburg), own project
- 2010-2013 *Slackline training and postural stability*, (Lead: University of Salzburg), own project
- 2013-2016 *Validation of a game based performance test in team handball*, (Lead: H. Wagner), cooperation project with the Austrian Handball Federation
- 2013-2016 *Isokinetic testing in elite female team handball*, (Lead: University of Olomouc), cooperation project with the University of Olomouc/Czech Republic
- 2014-2017 *Training and testing in elite male team handball* (Lead: University of Halle-Wittenberg) cooperation project with the Tunisian Research Laboratory/Tunesia and the University of Halle-Wittenberg/Germany
- Since 2015 *Biomechanical analysis in volleyball*, (Lead: H. Wagner), cooperation project with the University of Minas Gerais/Brazil and Rom/Italy
- Since 2016 *Physiological and psychological analysis in elite female team handball*, (Lead: University of Kiel), cooperation project with the University of Kiel/Germany
- Since 2016 *Specific endurance in soccer*, (Lead: H. Wagner), own project
- Since 2017 *Dynamic balance evaluation*, (Lead: University of Cassino), cooperation project with the University of Cassino/Italy
- Since 2017 *Specific testing in ice-hockey*, (Lead: H. Wagner), cooperation project with the University of Fribourg/Switzerland
- Since 2018 *Specific performance in elite female team handball*, (Lead: H. Wagner), cooperation project with the University of Copenhagen/Denmark

International Cooperations

- 2004 – 2008 Prof. Dr. Vincent von Tscherner, Faculty of Kinesiology, Human Performance Laboratory, University of Calgary, Canada
- 2006 - 2012 Dr. Miriam Klous, Department of Kinesiology, Motor Control Laboratory, Pennsylvania State University, USA
- 2008 - 2012 Prof. Dr. Markus Tilp, Institute of Sport Science, University of Graz, Austria
- Since 2009 Dr. Serge P. von Duvillard, Department of Kinesiology, St. Cloud State University, St. Cloud, Minnesota, USA
- Since 2010 Dr. Lars B. Michalsik, Department of Public Health, Section of Sport Science, Aarhus University, Denmark
- 2010 - 2012 Prof. Dr. Alberto E. Minetti, Department of Human Physiology, Faculty of Medicine, University of Milano, Italy
- 2010 - 2016 Prof. Dr. Dave W. Bacherach, Department of Kinesiology, St. Cloud State University, St. Cloud, Minnesota, USA

- Since 2012 Dr. Hans-Joachim Menzel, EEEFTO - Departamento de Esportes, Universidade Federal de Minas Gerais, Belo Horizonte-MG, Brazil
- Since 2013 Dr. Niko Niemisalo, Multidimensional Tourism Institute, Lapland Unveristy of Applied Sciences, Finland
- Since 2013 Prof. Dr. Laura Capranica, Head of the European Athlete for Student Network, Malta
- 2013 - 2016 Dr. Ando Pehme, Institute of Sport Pedagogy, University of Tartu, Estonia
- 2013 - 2016 Alison Brown, Talented Athletes Scholarship Scheme, England
- 2013 - 2016 Dr. Zuzana Xaverova, Faculty of Physical Culture, Palacky University of Olomouc, Czech Republic
- 2014 - 2017 Dr. Rene Schwesig, Laboratory of Experimental Orthopedic, Department of Medicine, University of Halle-Wittenberg, Germany
- 2014 - 2017 Dr. Souhail Hermassi, Tunisian Research Laboratory, Sport Performance Optimization, Tunisia
- Since 2015 Dr. Johanna Weber, Department of Sport Psychology and Kinesiology, Christian-Albrechts University of Kiel, Germany
- Since 2016 Matthias Hinz, Sport Science Department, Reykjavik University, Iceland
- Since 2017 Dr. Cristina Cortis, Department of Human Sciences, University of Cassino and Lazio Meridionale, Italy
- Since 2017 Dr. Martin Keller, Department of Kinesiology and Sport Science, University of Fribourg, Switzerland
- Since 2017 Dr. Jeffrey W. Bell, Science Department, Southwest Minnesota State University, USA
- Since 2018 Prof. Dr. Mojica Doupona Topic, Faculty of Sport, University of Ljubljana, Slovenia
- Since 2018 Jörg Förster, German University Sport Federation, University of Hamburg, Germany
- Since 2018 Sara Rozman, European University Sports Association, Slovenia

Editorial Bord in International Scientific Journals

- Since 2012 Journal of Sport Science and Medicine (Section Editor "Volleyball and Team Handball")
- Since 2017 International Journal of Sport, Exercise and Health Research (Section Editor "Sport Science")

Reviewer for Peer-Review Journals

- Since 2007 International Journal of Sports Sciences and Coaching
- Since 2008 Journal of Sport Science and Medicine
- Since 2008 Journal of Kinesiology
- Since 2010 European Journal of Sport Science
- Since 2010 Journal of Applied Biomechanics
- Since 2011 Journal of Sports Sciences
- Since 2012 Experimental Brain Research
- Since 2012 International Journal of Sports Physiology and Performance

Since 2012 Journal of Sport Medicine
Since 2013 Journal of Motor Behavior
Since 2013 Journal of Strength and Conditioning Research
Since 2013 Scandinavian Journal of Medicine and Science in Sports
Since 2014 Spectrum Sport Science
Since 2014 Sports Biomechanics
Since 2015 Journal of Sports Medicine and Physical Fitness
Since 2015 Journal of Human Kinetics
Since 2016 Journal of Science and Medicine in Sport
Since 2017 Annual Review of Strength Coaching
Since 2017 Biology of Sport
Since 2017 International Journal of Sport, Exercise and Health Research
Since 2017 The Tohoku Journal of Experimental Medicine

Scientific Awards

Young Investigator Award 2006 - 3. Price

Oral Presentation "*Kinematic analysis of the jump throw in team handball*" at the 5th Annual Congress of the German Society of Sport Science (Sport Games) – Flensburg, November, 2006

Invited Presentations and Keynote Speaks

Invited Speaker „*Kinematic and kinetic analysis of shoulder in team handball*“ at the Sportphysiotherapy Congress – Salzburg, November, 2011

Invited Speaker „*Throwing performance in elite team handball*“ at the at the 17th Annual Congress of the European College of Sport Science – Bruges, July, 2012

Invited Speaker „*Testing game based performance in team handball*“ and Chair of the Sattelite-Symposium „*Science in Team Handball*“ at the 18th Annual Congress of the European College of Sport Science – Barcelona, June, 2013

Invited Speaker „*Performance in sport games*“ at the 13th Conference of the European Athlete for Student Network – Rovaniemi, September, 2016

Invited Speaker „*Biomechanics in Sports*“ at the Sport Medical Scientist Conference – Bad Gastein, June, 2017

Keynote Speaker „*Biomechanical and physiological performance in team sports*“ at the 15th International Sport Science Congress – Antalya, November, 2017

Keynote Speaker „*Throwing and jumping performance (kinematics and kinetics) in sport games and the transfer into practice*“ at the 9th International Biomechanic Congress – Ekisehir, September, 2018

Congress participation

Year	Location	Organization	Role
2018	Brussel	EC-project meeting	Participation
2017	Essen	ECSS congress	Oral presentation + chair (3)
2017	Aarhus	EAS congress	Oral presentation
2017	Antalya	ISS congress	Keynote speaker
2017	Bad Gastein	SMS conference	Invited speaker
2016	St. Christoph a.A.	ICSS congress	Poster presentation + organization
2016	Vienna	ECSS congress	Oral presentation + chair (3)
2016	Rovaniemi	EAS congress	Oral presentation
2016	Rovaniemi	EC-project meeting	Member + Invited speaker
2016	Tartu	EC-project meeting	Member
2015	Malmö	ECSS congress	Oral presentation + chair (3)
2015	Bucharest	EHF congress	Oral presentation
2015	Amsterdam	EAS congress	Participation
2015	Amsterdam	EC-project meeting	Member
2015	Maribor	EC-project meeting	Member
2015	Salzburg	EC-project meeting	Member
2014	Amsterdam	ECSS congress	Oral presentation + chair (3)
2014	Rom	EAS congress	Participation
2014	Rom	EC-project meeting	Member
2014	Rovaniemi	EC-project meeting	Member
2013	Vienna	EHF congress	Oral presentation
2013	Konstanz	DVS congress	Oral presentation
2013	Barcelona	ECSS congress	Invited speaker + oral presentation + chair (3) + organization
2013	St. Christoph a.A.	ICSS congress	Organization
2012	Bruges	ECSS congress	Invited speaker + chair (2)
2011	Liverpool	ECSS congress	Oral + poster presentation
2011	Vienna	EHF congress	Oral presentation
2011	Cologne	ASP congress	Oral presentation
2011	Salzburg	SVSP congress	Invited speaker
2010	St. Christoph a.A.	ICSS congress	Organization
2010	Bruck a.M.	ÖSG congress	Oral presentation
2010	Antalya	ECSS congress	Oral + poster presentation
2009	Limerick	ISBS congress	Oral presentation
2008	Vienna	ÖSG congress	Oral presentation
2008	Estoril	ECSS congress	Oral presentation
2007	St. Christoph a.A.	ICSS congress	Organization
2006	Innsbruck	ÖSG congress	Oral presentation

2006	Flensburg	DVS congress	Oral presentation (2)
2006	Salzburg	ISBS congress	Oral presentation + organization
2005	Beograd	ECSS congress	Oral presentation
2004	Pichl	ÖSG congress	Oral presentation
2004	Clermont Ferrand	ECSS congress	Oral presentation
2003	Salzburg	ECSS congress	Oral + poster presentation + organization
2002	Pichl	ÖSG congress	Oral presentation
2000	St. Christoph a.A.	ICSS congress	Organization

Teaching

Teaching Assignments at the University

Since 2011	Introduction to sport science and kinesiology
Since 2011	Team ball sport games (team handball, basketball, volleyball and soccer)
Since 2012	Compulsory course "bachelor thesis": Kinesiology and training science
2012-2014	Research methods in selected subjects of sport science: Kinesiology, training science and biomechanics
Since 2013	Specific training science in sport games
Since 2011	Training of motor abilities
2012-2014	Additional workshop (compulsory optional subject) to practice from theory-escorted practice: Team ball sport games (team handball, basketball, volleyball and soccer)
2011-2014	Teaching methodology in sport games
2011-2015	Planning of training
Since 2013	Research seminar in sport science
2014-2017	Research methods in natural sciences
2014-2017	Research methods in biomechanics and training sciences
Since 2015	Basics of planning of training
Since 2015	Planning of training in elite sport
Since 2016	Specific aspects of training science in elite sport

Supervisor or Co-Supervisor in Doctoral Thesis (PhD)

Since 2017	Fusco Andrea	1 st Paper accepted (<i>J Strength Cond Res</i>) 2 nd Paper submitted (<i>J Athletic Train</i>) 3 rd Paper planed (<i>Peer Review Journal</i>)
Since 2015	Fuchs Philip X.	1 st Paper published (<i>Kines Slov</i> , 2016) 2 nd Paper accepted (<i>J Sport Med Physic Fitness</i> , 2018) 3 rd Paper submitted (<i>Sport Biomech</i>) 4 th Paper submitted (<i>J Sci Med Sport</i>)

		5 th Paper submitted (<i>Eur J Sport Sci</i>)
		6 th Paper planned (<i>Peer Review Journal</i>)
Finished 2013	Pfusterschmied Jürgen	1 st Paper published (<i>Eur J Sport Sci</i> , 2012)
		2 nd Paper published (<i>J Sci Med Sport</i> , 2013)
		3 rd Paper published (<i>Sportverl</i> , 2013)
Finished 2012	Buchecker Michael	1 st Paper published (<i>Scand J Med Sport Sci</i> , 2012)
		2 nd Paper published (<i>Footwear Sci</i> , 2012)
		3 rd Paper published (<i>Euro J Physic Rehab Med</i> , 2013)
Finished 2011	Landlinger Johannes	1 st Paper published (<i>Sport Biomech</i> , 2010)
		2 nd Paper published (<i>J Sport Sci Med</i> , 2010)
		3 rd Paper published (<i>Eur J Sport Sci</i> , 2012)

Activities

Memberships in International Organizations

Since 2003	Member of the European College of Sport Science (ECSS) (www.ecss.de)
Since 2004	Member of the Austrian Society of Sport Science (ÖSG) (www.oe-s-g.at)
2006 - 2009	Member of the International Society of Biomechanics in Sports (ISBS) (www.isbs.org)
2006 - 2013	Member of the German Society of Sport Science (DVS) (www.sportwissenschaft.de)
Since 2011	Member of the European Handball Federation - University Handball Teachers (activities.eurohandball.com/university-handball-teachers/)
Since 2012	Member of the European Athlete Student Network (EAS) (www.dualcareer.eu)

Congress and Event Organization and Responsibilities

Organizing Committee of the International Congress on Science and Skiing 2000, 2007, 2010, 2013 and 2016 in St. Christoph am Arlberg

Organizing Committee of the European Congress of Sport Science 2003 in Salzburg

Organizing Committee of the International Congress on Sports Biomechanics 2006 in Salzburg

Non-University Teaching and other Activities

Since 1998	Coach Education for the Austrian and German Team Handball Association and the Austrian Sports Academy
2001 – 2014	Head Coach of Austrian (UHC Salzburg: 2 nd and 3 rd Austrian Team Handball League) and German (SBC Traunstein: 5 th German Team Handball League) Handball Teams
Since 2014	Physical Coach and Sport Scientist of the Team Handball Club HC Linz AG (1 st Austrian Team Handball League)
Since 2016	Youth Leader and Coach in the Salzburg Team Handball Federation