

**CURRICULUM VITAE, (BRIEF) PANAGIOTIS V. TSAKLIS, DOB: 01/04/1966**

<p><i>Current Position and Title</i></p> 	<p><b>Professor</b> <b>Biomechanics</b></p> <ul style="list-style-type: none"> <li>• Dept. Physiotherapy «Alexander» Technological Educational Institute (ATEI) of Thessaloniki Greece</li> <li>• Director: Institute for Life-long Education of ATEI</li> </ul>
<p><i>Academic graduate Titles/degrees</i></p>	<ol style="list-style-type: none"> <li>1. <b>B.Sc.</b>, Physiotherapy, TEI Thessaloniki, Greece, 1987</li> <li>2. <b>B.Ed.</b>, Physical Education &amp; Sports Science Democritus University of Thrace, Greece, 1991 <b>&amp; Athletic Trainer Specialty Diplomas</b> <ul style="list-style-type: none"> <li>• <b>ATC</b>, Track &amp; Field Athletics</li> <li>• <b>ATC</b>, Weight Lifting</li> </ul> </li> </ol>
<p><i>Postgraduate Titles/degrees</i></p>	<ul style="list-style-type: none"> <li>• <b>PhD</b>, Div. Exercise Biology - Dept. Physical Education &amp; Sports Science, Aristotle University of Thessaloniki</li> </ul>
<p><i>Post-Doctoral Studies / Training</i></p>	<ul style="list-style-type: none"> <li>• <b>PostDoc</b>, Dept Neurobiology - Care Sciences &amp; Society, Karolinska Institutet, Sweden (Biomechanics &amp; Motor Control Lab)</li> <li>• <u>Tissue Engineering Training</u> <ul style="list-style-type: none"> <li>• (HST) Harvard Medical School – MIT, Tissue Engineering Lab, VA Medical Center, Boston, USA</li> <li>• Dept Mechanical Engineering, Fibers &amp; Polymers Lab, MIT</li> </ul> </li> </ul>
<p><i>Other Professional Experience</i></p>	<ol style="list-style-type: none"> <li>1. Physiotherapist since 1987, (Rehab Clinic owner 1989-2001)</li> <li>2. Track &amp; Field Trainer, since 1994---</li> </ol>
<p><i>Teaching courses G&amp;PG</i></p>	<p>Ergometrics – Biomechanics – Orthotics &amp; Prosthetics - Ergonomics</p>
<p><i>Appointments:</i></p>	<ul style="list-style-type: none"> <li>• 2012- Professor, ATEI Thessaloniki - Greece</li> <li>• 2003-(2012) Associate Professor, ATEI Thessaloniki - Greece</li> <li>• 1994-2003 Clinical Assistant Professor, ATEI Thessaloniki</li> <li>• Vis. Scientist, Massachusetts Institute of Technology, Dept. Mechanical Engineering / Bioengineering, Sept 01/2008 – Aug 31/2009 &amp; Sept 19/2011 – Sept 18/2012</li> <li>• Sen. Res. Dept. of Public Health Sciences –Div. Occupational and Environmental Medicine, Karolinska Institutet, Sweden (2009-2011)</li> <li>• Vis. Prof, Karolinska Institutet, Div. Physiotherapy, Dept Neurobiology – Care Sciences and Society, since 2004</li> <li>• Collaborator, Uppsala University, Faculty of SciTech : Section of Chemistry : Dept. of Materials Chemistry; (Polymer Chemistry Lab), since 2007</li> <li>• Trainee, HST –, Harvard Med School &amp; MIT, (Tissue Engineering Lab, VA Medical Center, Boston, MA), 2007</li> <li>• Vis.Sci, Joslin-Beth Israel Deaconess Foot Center, Boston MA, 2010</li> <li>• Collaborator, Centre for Research and Technology Hellas -</li> </ul>

	<p>Bioinformatics &amp; Telematics Institute, since 2004</p> <ul style="list-style-type: none"> <li>• Educator of the Hellenic Institute for Occupational Health and Safety (EL.IN.Y.A.E), since 2003</li> </ul>
<p><i>Coordinator – work team member</i> <i>EU -Research Funding Programs</i></p>	<ul style="list-style-type: none"> <li>• 3rd European Community Support Program, Action 4.5.1, GSRT, 2003 The Operational Program "Competitiveness", 2000-2006 «<b>Model for the evaluation of the conditions for Hygiene and Safety in the work place</b>»</li> <li>• INTEREG IIIA / PHARE CBC Greece - Bulgaria, 2000 – 2006; «<b>Education of current &amp; future executives of Greek &amp; Bulgarian enterprises, in occupational health &amp; safety, based on European Legislation &amp; Practice</b>»</li> <li>• 7th Frame Program - HEALTH-2007-4.2-3; «<b>ROWER - Building a knowledge Repository for Occupational Well-being Economics Research</b>»</li> <li>• Pythagoras II (funding Research in Universities- AUTH): «<b>Use of visual feedback training as means of improving static and dynamic balance function in older adults</b>», project title No 80839, MIS code: 97436, 2006</li> <li>• Hydrotherapy (Project Hydriades) «<b>Study for the documentation of the biological and therapeutic properties and use of the thermomineral waters</b>», Aristotle Univ. Thessaloniki &amp; Hellenic Association of Municipalities with Curative Springs, contract No 55005/17</li> </ul>
<p><i>Participation Professional Continuing Education</i></p>	<ul style="list-style-type: none"> <li>• Participation/Trainee: «International Design Strategies for Medical Curricula Across the Continuum», Organized by Harvard Medical International &amp; Karolinska Institute, 07-12/05/2006.</li> <li>• Scholar of Harvard Macy Institute (Harvard Medical International) 2006-2008</li> </ul>
<p><i>Books – Monographies</i></p>	<ul style="list-style-type: none"> <li>• Book: &lt;<b>Introduction of the Isokinetic exercise</b>&gt;, editorial house University Studio Press. 1997; ISBN: 960-12-0572-1.</li> <li>• Book: &lt;<b>Knee and Isokinetics</b>&gt;, editorial house University Studio Press. 2000; ISBN: 960-12-0805-4.</li> <li>• Book: &lt;<b>Ergonomics and Preventive Physiotherapy</b>&gt;, editorial house University Studio Press. 2005; ISBN: 960-12-1452-6.</li> <li>• Book: &lt;I. Yannas (Springer) <b>Tissue and Organ regeneration in adults</b>&gt; Assiduity of Greek translation; editorial house University Studio Press. 2009; ISBN: 978-960-12-1810-6</li> <li>• Book: &lt;Shoultz – Houghlum – Perrin (Human Kinetics) <b>Examination of musculoskeletal injuries</b>&gt; Assiduity of Greek translation; editorial house Parissianou. 2009; ISBN: 978-960-394-591-8</li> <li>• Book: &lt;A. Veves (Springer) <b>Diabetic foot</b>&gt; Assiduity of Greek translation; editorial house University Studio Press. 2011; ISBN: 978-960-12-2031-4</li> <li>• Lesson Textbook: Ergometry – Exercise Physiology, 3<sup>rd</sup> teach semester, dept Physiotherapy</li> <li>• Lesson Textbook: Biomechanics, 4<sup>th</sup> teach semester, dept Physiotherapy</li> </ul>

	<ul style="list-style-type: none"> <li>• Lesson Textbook: Orthotics &amp; Prosthetics 5<sup>th</sup> teach semester, dept Physiotherapy</li> <li>• Textbook : Occupational Health and Safety – Long term hospitalization – problems of health care providers, Master of Science program on OSH, DUTH</li> </ul>
<i>Selected Publications</i>	<p>Theoharopoulos A, Tsitskaris G, Nikopoulou M, Tsaklis P*: Knee strength of professional basketball players; The Journal of Strength and Conditioning Research, 2000, vol.14.4. 457-463.</p> <p>Kitsios A, Tsaklis P, et.al: The effect of a physiotherapeutic program on bone mineral density, in individuals of postpuberty age (18-30) with cerebral palsy; Journal of Back and Musculoskeletal Rehabilitation, 2000, Vol 15, No:1, 41- 45</p> <p>Tsaklis P: Isokinetic evaluation of the knee extensors-flexors anaerobic capacity; Isokinetics and Exercise Science, 2001, Vol 10, No.2, 69-72.</p> <p>Beis K, Tsaklis P, Pieter W, Abatzides G: Tae Kwon Do competition injuries in Greek young and adult athletes; European Journal of Sports Traumatology &amp; related research, 2002, Vol.23, No.3 , 130-134</p> <p>Tsaklis P. &amp; Abatzides G: ACL rehabilitation program using a combined isokinetic and isotonic strengthening protocol; Isokinetics and Exercise Science, 2002, Vol 10, No.4, 211-219</p> <p>Bardis C, Kalamara E, Loucaides G, Tsaklis P*: Intramachine and intermachine reproducibility of concentric performance: A study of Con-Trex MJ and the Cybex Norm dynamometers; Isokinetics and Exercise Science, 2004, Vol 12, No.2, 91-97</p> <p>Tsaklis P., Karlsson J.J, Grooten W.J., Ång B.: A combined sensorimotor skill and strength training program improves postural steadiness in rhythmic sports athletes; Human Movement 2008; 9(1):34-40</p> <p>Tsaklis P: Occupational Spinal Cord Injury – epidemiology and costs; EGE Academic Review, (special issue) Vol.9, No.3, 2009</p> <p>Tsaklis P: Presentation of Acoustic Waves propagation and their effects through human body tissues; Human Movement 2010; 11(1), 58-65</p> <p>Tsaklis P, Grooten W and Franzén E: Effects of weight-shift training on balance control and weight distribution in chronic stroke; Topics in Stroke Rehabilitation, 2012, Jan-Feb;19(1):23-31</p>
<i>Memberships</i>	<ul style="list-style-type: none"> <li>• Greek Physiotherapists Association, since 1987.</li> <li>• Athletic Trainers Assn of North Greece, since 1997.</li> <li>• Greek Sports Medicine Association, since 2000.</li> <li>• Greek Aerospace Medicine and Space Research Association since 2001.</li> <li>• ISBS (International Society of Biomechanics in Sports) since 2002.</li> <li>• Greek Association of Biomechanics since 2003</li> <li>• Harvard Medical School Post Graduate Association, since 2007</li> <li>• North Greece Diabetes Association, since 2011</li> </ul>

<i>Reviewer</i>	Journal of Sports Science, (Taylor & Francis) The Clinical Journal of Pain, (Lippincott Williams & Wilkins) Peer reviewer, Annual Educational Awards, Case Western Reserve University, School of Medicine, USA, since 2006
<i>Refs</i>	Marqui's <b>Who's Who in Science and Engineering</b> », 7 <sup>th</sup> - 8 <sup>th</sup> - 9 <sup>th</sup> and 10 <sup>th</sup> Edition, 2003-2009. «Marqui's <b>Who's Who in the World</b> », 26 <sup>th</sup> edition, 2009 «Marqui's <b>Who's Who in America</b> », 2009 «Marqui's <b>Who's Who in Medicine and Healthcare</b> », 2009-2010
<i>Sports activities</i>	Former Volley Ball - Track & Field & Baseball, Elite Athlete