

## Valentina Campanelli, M.S.

(12th April 1984, Bologna, Italy)

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CONTACT INFORMATION	Department of Neurological, Neuropsychological, Morphological and Movement Sciences, Anatomy and Histology Section, University of Verona Strada Le Grazie, 8 37134 Verona, Italy	<i>Phone:</i> (+39) 045-8027680 <i>Fax:</i> (+39) 045-8027163 <i>Cell:</i> (+39) 333-3912172 <i>E-mail:</i> valentina.campanelli@univr.it <i>E-mail:</i> valentina.campanelli@gmail.com
OCCUPATION	PhD student in Multimodal Imaging in Biomedicine (from January 2012) At <b>University of Verona</b> , Department of Neurological, Neuropsychological, Morphological and Movement Sciences, Anatomy and Histology Section Main Topic of research: Lower Limbs Biomechanics	
EDUCATION	<b>University of Bologna</b> , Cesena, Italy  M.S., Biomedical Engineering, December 2011 <ul style="list-style-type: none"><li>• Dissertation: "Three-Dimensional in-vivo study of heel fat pad morphology"</li><li>• Advisor: Prof.ssa Francesca De Crescenzo</li></ul> B.S., Biomedical Engineering, July 2007 <ul style="list-style-type: none"><li>• Dissertation: "Force Platform Modeling with Finite Element Analysis"</li><li>• Advisor: Dr. Lorenzo Chiari</li></ul>	
TRAINING	2007	Internship at Ospedale Sant'Orsola Malpighi, Dept. Of Biotechnology Endoscope Maintenance Management Supervisor: Prof. Claudio Lamberti
EMPLOYMENT	Present May to October 2012	Visiting Scholar at <b>University of California, Davis</b> (USA) Research Assistant with Maury Hull, PhD Department of Mechanical and Aerospace Engineering. Topic: Study of the Components Alignment in Total Knee Arthroplasty - Research Assistant with Eric Giza, MD Department of Orthopaedics, UC Davis Medical Center. Topic: Study of the Outcomes for Surgical Treatments of Osteochondral Defects of the Talus
	2009-2011	Research Fellow with Andrea Sbarbati, MD Department of Neurological, Neuropsychological, Morphological and Movement Sciences, Anatomy and Histology Section, <b>University of Verona</b> , Verona, Italy Topic: Study of the foot-shoe biomechanical interaction through the analysis of kinematic and dynamic behavior of the lower extremities during different human activities.
	2010- 2011	Research Assistant with Eric Giza, MD Department of Orthopaedics, UC Davis Medical Center, <b>University of California in Davis</b> , Sacramento, USA. Topic: Study of the efficiency of lateral ankle ligaments surgical repairs for the treatment of lateral ankle instability

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PUBLICATION ON PEER-REVIEWED JOURNAL	Giza E, Nathe T, Nathe R, <b>Campanelli V</b> , Anderson M. Broström Repair: Strength of bone tunnel versus suture anchor and push lock construct. American Journal of Sports Medicine. Accepted February 2012.	
	<b>Campanelli V</b> , Fantini M, Faccioli N, Cangemi A, Pozzo A, Sbarbati A. The morphology of heel fat pad: an in-vivo computed tomography study. Journal of Anatomy: November 2011 – Volume 219 – Issue 5 – p 622-631. doi: 10.1111/j.1469-7580.2011.01420.x.	
PUBLICATION ON INTERNATIONAL JOURNAL	Giza E, Lundeen G, <b>Campanelli V</b> , Sullivan M. Ankle Instability Ligament Reconstruction with Immediate Weight-bearing. Techniques in Foot & Ankle Surgery: September 2011 - Volume 10 - Issue 3 - p 100–104. doi: 10.1097/BTF.0b013e318229bd4d.	
CONFERENCE PRESENTATIONS	Giza E, Mak W, Wong S, Roper G, <b>Campanelli V</b> , Hunter G. A Clinical and Radiological Correlative Study of Peroneal Tendon Pathology. 2012 Annual Meeting of the American Orthopaedic Foot & Ankle Society. San Diego, USA, June 20-23, 2012	
	Giza E, Kreulen C, Sullivan M, Kim J, <b>Campanelli V</b> . Talus Osteochondral Defect Cartilage for Chondrocyte Harvesting: Results of 151 Patients. International Cartilage Repair Society Conference 2012. Montreal, Canada, May 12-15, 2012.	
	<b>Campanelli V</b> , Fantini M, Faccioli N, Cangemi A, Pozzo A, Sbarbati A. Heel Fat Pad: a 3-D morphological study. 10th Biennial Footwear Biomechanics Symposium. Tuebingen, Germany, June 29th - July 1st. Proceedings of the Symposium were published in "Footwear Science" Journal, Volume 3.	
	<b>V. Campanelli</b> , A. Pozzo, A. Cangemi, F. Corrà, E. Vedovi, A. Sbarbati. Plantar Fat Pad: un'importante struttura biomeccanica. XXX Congresso Nazionale della Società Italiana della Caviglia e del Piede. Verona, Italy, May 8-10, 2008.	
FUNDING	2012	Fellowship awarded by University of Verona, Bando Cooperint
	2008-2009	Fellowship awarded by ERGO (Azienda regionale per il Diritto agli Studi Superiori della Regione Emilia Romagna)
	2003-2004	Fellowship awarded by ARSTUD (Azienda regionale per il Diritto allo Studio)
COMPUTER SKILLS	<ul style="list-style-type: none"><li>• Operating systems: Windows, Ubuntu</li><li>• Programming/Mathematic: Matlab, Labview, Java</li><li>• Applications: Finite Elements software (Abaqus, Comsol MultiPhysics), CAD software (Solidworks, Rhinoceros), Biomedical Data Processing (Amira, Mimics), Others (RapidForm, Microsoft Office, Photoshop, Adobe Illustrator).</li></ul>	

LANGUAGES            Italian (native)  
                             English (fluent) 92/120 TOEFL certification in 2008  
                             French (basic)