

Valentina Campanelli, M.S.

(12th April 1984, Bologna, Italy)

CONTACT INFORMATION	Department of Neurological, Neuropsychological, Morphological and Movement Sciences, Anatomy and Histology Section, University of Verona Strada Le Grazie, 8 37134 Verona, Italy	Phone: (+39) 045-8027680 Fax: (+39) 045-8027163 Cell: (+39) 333-3912172 E-mail: valentina.campanelli@univr.it E-mail: valentina.campanelli@gmail.com
OCCUPATION	PhD student in Multimodal Imaging in Biomedicine (from January 2012) At University of Verona , Department of Neurological, Neuropsychological, Morphological and Movement Sciences, Anatomy and Histology Section Main Topic of research: Lower Limbs Biomechanics	
EDUCATION	University of Bologna , Cesena, Italy M.S., Biomedical Engineering, December 2011 • Dissertation: "Three-Dimensional in-vivo study of heel fat pad morphology" • Advisor: Prof.ssa Francesca De Crescenzo B.S., Biomedical Engineering, July 2007 • Dissertation: "Force Platform Modeling with Finite Element Analysis" • Advisor: Dr. Lorenzo Chiari	
TRAINING	2007	Internship at Ospedale Sant'Orsola Malpighi, Dept. Of Biotechnology Endoscope Maintenance Management Supervisor: Prof. Claudio Lamberti
EMPLOYMENT	Present May to October - 2012 2009-2011 2010- 2011	Visiting Scholar at University of California, Davis (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 Research Fellow with Andrea Sbarbati, MD Department of Neurological, Neuropsychological, Morphological and Movement Sciences, Anatomy and Histology Section, University of Verona , 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. Research Assistant with Eric Giza, MD Department of Orthopaedics, UC Davis Medical Center, University of California in Davis , 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, Campanelli V , Anderson M. Broström Repair: Strength of bone tunnel versus suture anchor and push lock construct. <i>American Journal of Sports Medicine</i> . Accepted February 2012. Campanelli V , Fantini M, Faccioli N, Cangemi A, Pozzo A, Sbarbati A. The morphology of heel fat pad: an in-vivo computed tomography study. <i>Journal of Anatomy</i> : November 2011 – Volume 219 – Issue 5 – p 622-631. doi: 10.1111/j.1469-7580.2011.01420.x.
PUBLICATION ON INTERNATIONAL JOURNAL	Giza E, Lundein G, Campanelli V , Sullivan M. Ankle Instability Ligament Reconstruction with Immediate Weight-bearing. <i>Techniques in Foot & Ankle Surgery</i> : September 2011 - Volume 10 - Issue 3 - p 100–104. doi: 10.1097/BTF.0b013e318229bd4d.
CONFERENCE PRESENTATIONS	Giza E, Mak W, Wong S, Roper G, Campanelli V , 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, Campanelli V . Talus Osteochondral Defect Cartilage for Chondrocyte Harvesting: Results of 151 Patients. International Cartilage Repair Society Conference 2012. Montreal, Canada, May 12-15, 2012. Campanelli V , Fantini M, Faccioli N, Cangemi A, Pozzo A, Sbarbati A. Heel Fat Pad: a 3-D morphological study. 10th Biennal Footwear Biomechanics Symposium. Tuebingen, Germany, June 29th - July 1st. Proceedings of the Symposium were published in "Footwear Science" Journal, Volume 3. V. Campanelli , 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">Operating systems: Windows, UbuntuProgramming/Mathematic: Matlab, Labview, JavaApplications: Finite Elements software (Abaqus, Comsol MultiPhysics), CAD software (Solidworks, Rhinoceros), Biomedical Data Processing (Amira, Mimics), Others (RapidForm, Microsoft Office, Photoshop, Adobe Illustrator).

LANGUAGES

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