

## Vision Scientist in Training Jenny Vuong, M.Sc., B.Sc.

Born in 1985 in Austria

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### EDUCATIONAL BACKGROUND

- Oct 2011 – present **PhD in 3D Vision**; 'Testing view-based models of scene representation' at **University of Reading, United Kingdom**; dissertation handed in March 2015
- Oct 2008 – March 2011 **Master of Science in Biomedical Engineering, Specialization in Biomaterials and Biomechanics** at **Vienna University of Technology, Austria**; graduation with distinction
- Oct 2004 – Sept 2008 **Bachelor of Science in Computer Science in Medicine** at **Vienna University of Technology, University of Vienna and Medical University of Vienna, Austria**

### PUBLICATIONS, CONFERENCE PRESENTATIONS AND TALKS

- J. Vuong, L.C. Pickup, A. Glennerster, "Large systematic biases in pointing to real and virtual unseen targets."; *Journal of Vision* August 22, 2014 Vol. 14 No. 10 Article 143
- J. Vuong, L. C. Pickup, and A. Glennerster. "Updating visual direction in real and virtual scenes." *Perception*. Vol. 42. 36<sup>th</sup> European Conference on Visual Perception, Bremen 2013
- J. Vuong, L.C. Pickup, A. Fitzgibbon, A. Glennerster: "The effect of walking and teleportation on spatial updating in virtual and real scenes"; *PhD Research Conference, University of Reading, Finalist at the Research Poster Competition, 14 June 2013*
- J. Vuong, L.C. Pickup, A. Fitzgibbon, A. Glennerster: "The effect of walking and teleportation on spatial updating in virtual and real scenes"; *i-Perception* 2013, Volume 4, Issue 7; Talk: The Scottish Vision Group Conference 2013, Glencoe, Scotland
- J. Vuong, L.C. Pickup, A. Fitzgibbon, A. Glennerster, "How do humans point to unseen objects?"; Talk at Microsoft Research, Cambridge, 19 October 2012
- J. Vuong, L.C. Pickup, A. Glennerster: "How do we point at an unseen object?"; *Journal of Vision* August 13, 2012 Vol. 12 No. 9 Article 1198
- J. Vuong, Ch. Hellmich: "Bone Fibrillogenesis and Mineralization: Quantitative Analysis and Implications for Tissue Elasticity"; *Journal of Theoretical Biology*, 287 (2011), 115 - 130.
- J. Vuong, Ch. Hellmich: "Bone Fibrollogenesis and Mineralization: Quantitative Analysis and Implications for Tissue Elasticity"; in: "Book of Abstracts of the Engineering Mechanics Institute 2011 Conference (EMI 2011)", Northeastern University, 2011, 338 pages.
- J. Vuong: "The Osteoid-Bone Transformation: Implications for Tissue Elasticity"; Runner-up of Y.C. Fung Student Paper Competition, Annual Conference of the Engineering Mechanics Institute 2011 (EMI 2011), Boston, MA, USA; 02-06-2011 - 04-06-2011.

### WORK EXPERIENCE

- Since Oct 2014 **Position:** *Research Assistant*, Virtual Reality Research Group, School of Psychology and Clinical Language Science, University of Reading, UK
- June 2010 – Oct 2011 **Position:** *Research Assistant* at the Biomechanics Research Group, Vienna University of Technology, Austria; mainly involved in the EU Project BIO-CT-EXPLOIT: developing and programming a plugin for the software Skyscan CT-analyser to translate computer tomography data of bones into voxels-specific micromechanics-based elasticity, plugin was written in MS Visual C++ 2008
- Oct 2008 – June 2010 **Position:** *IT-Helpdesk*, first-level user support, maintenance and update of intranet website using ASP and HTML, WolfTheiss – Attorney-at-Law, Schubertring 6, 1010 Vienna, Austria
- March 2001 – Sept 2004 **Position:** *Assistant*, correspondence, designing and drafting workshop/seminar leaflets in Microsoft Publisher, assistant accountant, transcribing books and articles; Reichel und Reichel Psychotherapists, Radlberger Hauptstraße 27, 3105 St. Pölten, Austria

## GRANTS

October 2011-October 2014	PhD Scholarship funded by Microsoft Research, Cambridge
Sept 2007 – July 2008	Stipend of the Chinese Embassy in Austria
February 2007	Performance Scholarship for extraordinary achievements awarded by the Department of Legal Affairs at the University of Vienna

## SKILLS

Programming: C/C++, MATLAB, Python, OpenGL, MS Visual C++ 2008, MS Visual Basic 4, SQL

Web development: HTML, JavaScript, ASP, CSS, Ruby on Rails (basic), PHP

Graphics and animation software: GIMP, ToonBoom Studio, AC3D, Blender

Virtual reality and tracking systems: Vicon tracking cameras, Vicon Tracker 2.0.1, NVIS SX111 head-mounted display

Operating systems and others: Windows XP/7, Mac OS X and Unix (Ubuntu), Microsoft Office, L<sup>A</sup>T<sub>E</sub>X

## RESEARCH STAYS ABROAD AND RECEIVED TRAININGS

Sept 2007 – July 2008	<b>Tongji University Shanghai</b> ( <i>Chinese language course and computer science courses at CDHK – Chinesisch-Deutsches Hochschulkolleg</i> )
July 2010	Hysitron TriboIndenter®: testing system to perform nanoindentation at the Interfaculty Laboratory for Micro- and Nanomechanics of Biological and Biomimetical Materials, Austria
November 2008	Rhetoric and Elocution, Lower Austria, Austria

## WORKING LANGUAGES

Chinese-Cantonese	Native
German	Native
English	Fluent (TOEFL iBT Score: 114)
Chinese-Mandarin	Intermediate Level
French	Basic

## EXTRACURRICULAR ACTIVITIES

Perception & Action Research Meetings: Organiser, University of Reading. Chairing of the meetings, organising meeting dates, topics, location and administrative tasks

Red Cross Austria: Support of the nurses and physician at *Saint Anna Children's Hospital*, Kinderspitalgasse 6, 1090 Vienna (Dec 2009 – Oct 2010)

FIT 2011: Project topic "Frauen in die Technik" – representative female engineer of Institute for Mechanics of Materials and Structure (February 2011)

ESF-Project: Project topic "IT school networks" (June 2002)

International Mathcamp III: Project topic "Computer Tomography", Comenius cooperation of Austria, Germany, Italy and Slovenia, (September 2002)

7<sup>th</sup> Photomathon: 49<sup>th</sup> place out of 1.684 participants (October 2010)

Stop & Act – Theatre group: Stage direction, acting, presentation and script writing (September 2001)

## HOBBIES

Watching movies and TV shows (Pan's Labyrinth, Moonrise Kingdom, Princess Fantaghirò, Game of Thrones, The Blacklist, Orphan Black, The lord of the rings trilogy, etc.), reading books (The Martian, Ender's Game, Ready Player One, Little Brother, Gone Girl, A song of ice and fire, The Lord of the rings trilogy, etc; currently The first fifteen lives of Harry August), reading manga, watching anime/cartoons (Gantz, Ergo Proxy, Sword Art Online, The legend of Korra, everything made by Studio Ghibli – especially Mononoke Hime, currently addicted to Attack on Titan), cooking (quick, easy and delicious things), baking (Christmas cookies!), meeting friends and playing with my 3 nieces