

Chong (Carol) Chen

Education:

06/2009 – current Graduate student, Department of Biomedical Engineering, Tulane University (New Orleans, LA)

01/2006 – 06/2008 Graduate Student (PhD candidate) majoring in Biomedical Physics, Department of Physics, East Carolina University (Greenville, NC). GPA average: 3.7

09/2003 - 09/2004 M.S. Majoring in medical engineering, the Clinical Engineering Department, University of Liverpool (Liverpool, UK).

09/1997 - 07/2002 B.S. Majoring in biomedical engineering, Capital University of Medical Science (Beijing, China).

Working Experience:

06/2007 – 06/2008 Research assistant at East Carolina University (Greenville, NC).

01/2006 – 05/2007 Teaching assistant at East Carolina University (Greenville, NC).

01/2002 - 03/2002 Practical training in the Friendship Hospital in China. Trained in the departments of X-ray, Ultrasound, CT, MRI and ECG.

03/1999 - 06/2002 Research assistant in the physics lab within the department of Biomedical Engineering at Capital University of Medical Science, China.

03/1998 - 08/2000 Tutor for senior high school students on physics, math and English

Computer skills:

System: Windows, Mac, Linux; Softwares: Office, Image J, MatLab, Sigma Plot, R, Graphpad, Photoshop

Memberships and Certification:

A student member of the Biomedical Engineering Society, 2010 – Present;

Awarded American Board of Radiology certification Part I (Initial Qualification: General Physics and Clinical), 09/2008;

Honors:

Awarded Oak Ridge Institute for Science and Education (ORISE) research fellowship at the Center for Devices and Radiological Health, Food & Drug Administration, 06/2010 – 08/2010;

Awarded the Best Teaching Assistant at the Department of Biomedical Engineering, Tulane University, 2012;

Awarded School of Science and Engineering Dean's Travel Award, 2011, 2012;

Awarded Conference Travel Grant from the Office of Graduate and Postdoctoral Studies (OGPS) at Tulane University, 2012

Peer Reviewed Publications:

Synergistic Effect of Histamine and TNF- α on Monocyte Adhesion to Vascular Endothelial Cells, C Chen and D Khismatullin, *Inflammation*, Forthcoming 2012.

Effect of ethanol injection on cavitation and heating of tissues exposed to high-intensity focused ultrasound, C Chen, Y Liu, S Maruvada, M Myers and D Khismatullin, *Physics in Medicine and Biology*, 57 (2012) 937-961.

Presentations:

Ethanol injection induced cavitation and heating in tissue exposed to high intensity focused ultrasound. Platform presentation at 164th Meeting of the Acoustical Society of America in Kansas City, MO.

Cooperative Effect of Oxidized Low Density Lipoprotein (LDL) and Histamine on Monocyte-Endothelium Interactions. Poster presentation at the Biomedical Engineering Society (BMES) 2012 Annual Meeting, Atlanta, GA.

Ex vivo study of ethanol enhanced cavitation activity in tissue exposed to High Intensity Focused Ultrasound (HIFU). Poster presentation at the Biomedical Engineering Society (BMES) 2011 Annual Meeting, Hartford, CT.

Histamine induces monocyte interactions with arterial endothelium in vitro. Platform presentation at the Biomedical Engineering Society (BMES) 2010 Annual Meeting, Austin TX.