Huynh Thi Bao Quyen

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Quyen Huynh was born in Quang Nam. She is currently studying toward the Master degree in the Department of Biomedical Engineering, International University, Ho Chi Minh City, Viet Nam although she has spent 4 years for gaining the undergraduate background of Electronic & Telecommunication in Viet Nam Aviation Academy, Ho Chi Minh City. The reason why she makes this change is because she wishes to contribute on the progress of medicine. Her free time spends on books and music. She thinks that she is quite humorous, helpful and diligent.

She is currently pursuing 2 researchs. The first one is investigation of the alternative Polysomnography (PSG) system for at-home Obstructive Sleep Apnea monitoring and detection. The principle of the research is based on the measurement of the decreases in amplitude of the PPG signal (DAP) since they are related to vasoconstriction associated to apnea. The significant characteristic of this system is that it could replace effectively Polysomnography (PSG) system at sleep clinics. Her second study is to use the ultrasound to image the building damaged by Holographic acoustic and then treat it by Acoustic levitation method which using ***acoustic radiation pressure*** from ***intense sound waves*** in the medium to break the blood clots in the vein of varicose veins disease, widening the block of aortery