



**Name of Hospital** University of Alberta Hospital/Mazankowski Alberta Heart Institute

**Name of University** University of Alberta

**Echo Lab Director** Dr. Jonathan B. Choy & Training Director: Dr. Miriam Shanks

**Address** Division of Cardiology, WMC-2C2 **Street Address 1**

8440-112 Street **Street Address 2**

Edmonton **City** Alberta **Province** T6G 2B7 **Postal Code**

**Telephone** (780) 407-3551 **Ext**

**Email** mshanks@ualberta.ca

**Number of Fellowship  
Training Positions per Year** 2

**Applicant Qualifications /  
Prerequisites** These positions are intended for individuals that are qualified for educational or practice license in Canada, completed clinical cardiology training, and are interested in pursuing an academic career in echocardiography.

**Program Description** The University of Alberta Hospital/Mazankowski Alberta Heart Institute is currently accepting applications for one 2-year Echocardiography Fellowship position commencing July 2012. This is a 50% Research Fellowship, with focus in clinical research. The program currently performs over 9 000 transthoracic studies a year, over 700 transesophageal echocardiograms, and over 650 stress echocardiograms with contrast.

Clinical training will encompass all aspects of echocardiography to include adult congenital heart disease, 3D echo, contrast echo, tissue resynchronization imaging, 2D and 3D speckle tracking imaging, echocardiographic guidance of electrophysiology procedures, ASD and PFO closures, ethanol septal ablation, transcatheter aortic valve implantation, assessment of ventricular assist devices, as well as opportunity to participate in intra-operative echocardiography. Ample opportunity will also be given to participate in, as well as design and lead clinical studies in the Department with collaboration with imaging modalities, such as cardiac CT and MRI. Upon completion of the Fellowship, the candidate will be Level III certified, as well as have ample opportunity to complete and publish on clinical research projects that are currently being undertaken in the Department.