

Carleton University Research Update – May 1st 2012

By Ted Sherwood

The research at Carleton is focused on developing comprehensive, accurate and unified shear design methods for reinforced masonry walls, beams and columns. These methods will be based on newly developed general theories of the shear behaviour of reinforced masonry derived using compression-field approaches. Current experimental research is focused on walls and beams. Future experimental research will focus on studying compression softening, tension stiffening and aggregate interlock effects in reinforced masonry elements.