

Whether you're curious about the latest engineering applications in health care, or looking for the latest in safety research, here is a cross section of websites with something for everyone:

 **CMBES: Canadian Medical and Biological Engineering Society**
www.cmbes.ca

Anyone curious about the relationship between engineering and medicine will find a useful introduction on this site. The CMBES is the principal society for engineering in medicine and biology. A primary focus of CMBES is the theory and practice of medical device technology. Through its national medical and biological engineering conferences, the CMBES sponsors seminars, exhibits of current medical devices, a continuing education program, and provides networking opportunities. From the blue toolbar on the upper right, choose "Continuing Education" for contact information on biomedical engineering programs, workshops, and online courses. Returning to the main page, the "Events" menu leads to other international organizations hosting events.

 **University Health Network**
www.uhn.ca

Ontario can be justifiably proud to have world-class health research and teaching facilities right in its own back yard. Toronto's University Health Network (UHN) ranks among the world's leaders in innovative health research, teaching, and patient care, and this site provides a useful opportunity to see the latest in engineering applications in health care. From the top menu, choose "Programs & Services" for an extensive list of research labs and programs. From this list, choose "radiation medicine," for example, to learn about gamma knife radiosurgery. Or, at the bottom of the radiation medicine page, choose "RMP Web site" to read about how research in translational physics and technology has enabled practitioners to "sculpt" radiation to precisely the shape of a tumour and deliver it with pinpoint accuracy.

Public health, public safety

 **NSERC: Natural Sciences & Engineering Research Council of Canada**
www.nserc.ca

NSERC is a crucial funding source for research and training in engineering and other sciences—\$865 million this year alone—and NSERC's website provides a handy snapshot of what's new and what's happening. On the left, look for "New Initiatives," then click to choose a category. "Colleges," for example, describes how recent boosts to college, CEGEP and technology institute faculty now allow them to apply independently for Idea to Innovation (I2I) funding. To access a searchable database on the funding of specific projects, go to the top menu and choose "Program News." On the left, choose "For Media" then "Find a Canadian Expert" to find researcher name(s) and institutions.

 **CSSE: Canadian Society of Safety Engineering**
www.csse.org

The Canadian Society of Safety Engineering (CSSE) is a leading health, safety and environmental organization for a wide cross section of professionals in Canada. This site is thus a useful starting point for anyone interested in training, professional development, or networking in safety engineering. Choose from the broad range of left menu links to access anything from safety news and courses to provincial chapter websites. "Links" is a convenient collection of related national and international sites, including our own Ontario-based Prevention Practices Database.

 **ESRI: Ergonomics and Safety Research Institute**
www.lboro.ac.uk/research/esri/

The Ergonomics and Safety Research Institute (ESRI) based at Loughborough University in England is one of the world's leading centres for independent

vehicle safety and human factors scientific expertise. Look to this website for interesting snapshots of research in progress at many world-class institutions. Choose "Research" on the left. You can read about ESRI's Vehicle Safety Research Centre, the largest crash investigation research group in the world. ESRI also includes an Applied Ergonomics Centre, which focuses on mobile communications technology, transport ergonomics, and design and safety. Its Applied Vision Centre is the largest European centre investigating medical imaging interpretation. To take advantage of freely available publications produced by ESRI researchers, choose "Publications & Reports" on the left menu.

 **Natural Hazards Center**
www.colorado.edu/hazards/pubs/

Based at the University of Colorado, the Natural Hazards Center advances knowledge on hazards mitigation and disaster preparedness, response, and recovery. The center serves as a U.S. and international clearinghouse of knowledge, and this site is an excellent access point. To begin, choose "Library" on the left. The library houses one of the most unique collections of research on how society prepares for, responds to, recovers from, and mitigates damage and other losses from catastrophic events. Use the Hazlit database to search this collection. Still on the library page, "Library Links" takes you to other U.S. organizations with significant hazards-related research sources. Returning to the main page, the "Center Publications" link describes publications available for purchase, including *Natural Hazards Review*, which the center publishes jointly with the American Society of Civil Engineers.

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