

## MedTech

### Web Site Development

The MEdTech Unit offerses web site development services for educational, program, and departmental web sites within the School of Medicine using our content-management system .

Our web site development services are free for departmental and educational web sites within the School of Medicine and this service includes the following:

- Installation of QWeb on the Meds server with your own custom web site address (eg. <http://meds.queensu.ca/yourdepartmentname/>)
- Design of a custom web site template
- One-on-one training for staff on how to use QWeb
- Access to support materials (manual and FAQ) as well as phone and email support
- Free upgrades to the software as new features are developed
- Consultations on web site layout and design

### Application Development

The MEdTech unit is committed to developing a variety of integrated solutions that support the creation, management, and delivery of course content and the underlying administrative and management solutions within the School of Medicine.

### e-learning

The MEdTech Unit, in conjunction with the e-teaching collaborative provides tools and support for faculty within the School of Medicine to help them use technology in their teaching.

### MEdTech Web-Based Proxy

The MEdTech Web-Based Proxy is a seamless method for Medicine's students, faculty, and staff to access medical journals and other library e-resources without having to change browser settings. This service was unveiled in the new Dashboard, released in September 2005.

### Entrada

Since 2004 the School of Medicine has been using and developing **MEdTech Central** <[http://meds.queensu.ca/medtech/solutions/medtech\\_central](http://meds.queensu.ca/medtech/solutions/medtech_central)> , an in-house developed integrated teaching and learning system customized to the suit needs of their medical education curriculum. In 2008, the MEdTech Unit partnered with the University of Calgary to create Entrada <<http://www.entrada-project.org/>> , a distributable open-source version of the MEdTech Central software. Developers and eLearning professionals from both schools work together to suggest and triage development

items; program, develop & deploy new items; maintain a common repository of source code; and manage the Entrada Project website <<http://www.entrada-project.org/>> .

### **QWeb**

QWeb is a cross-platform, open source content management system used to create and manage complex websites. Using a rich-text editor and pre-defined templates, QWeb enables users to quickly and easily deploy professional websites without any knowledge of HTML. Through its intuitive and easy to use interface, QWeb empowers educators and administrators to create and maintain professional websites with minimal training and operational costs.

The following websites were created and are maintained using QWeb:

- School of Medicine <<http://meds.queensu.ca/>>
- Postgraduate Medical Education <<http://meds.queensu.ca/postgrad/>>
- Undergraduate Medical Education <<http://meds.queensu.ca/undergrad/>>
- Continuing Medical Education <<http://meds.queensu.ca/cpd/che>>
- eTeaching Collaborative <<http://meds.queensu.ca/eteaching/>>
- Teaching Dossier <<http://meds.queensu.ca/teachingdossier>>
- Simlab <<http://meds.queensu.ca/simlab>>
- Biochemistry <<http://meds.queensu.ca/biochem/>>
- Emergency Medicine <<http://meds.queensu.ca/medicine/emergency/>>
- Internal Medicine Residency program <<http://deptmed.queensu.ca/residency/>>
- Life Sciences <<http://meds.queensu.ca/lifesciences/>>
- Division of Orthopedic Surgery  
<<http://meds.queensu.ca/surgery/ortho/index.php>>

### **Postgraduate Registration System**

The Postgraduate Registration System is a web-based application that allows new and returning residents to register and pay for their residency program online. The system acts as a database of postgraduate trainees and helps to reduce the cost and time involved in the registration process.

The Postgraduate Registration System system was completed in June 2004 and has been in use since July 2004.

### **Clerkship System**

The Clerkship System (formerly the Clerkship Evaluation System) provides our Clerkship students with an automated and paperless method of evaluating their completed rotations online 24 hours a day. Students also have instant access to their customized Clerkship schedules, as well as the ability to view any assigned regional accommodations including maps to the locations, any roommates, etc.

The Clerkship system enhances the evaluation process by providing a standardized method to evaluate clerkships and improve the feedback process by providing a quick and effective way to collate and report evaluation results. The application delivers evaluations, records results and also has an email notification system to inform students of any upcoming evaluations.

The first version of the Clerkship Evaluation System was launched in February 2005 and clerkship students in Medicine and Surgery rotations were able to complete evaluations of their teachers as well as rotations. In the newer releases of the system all Clerkship students evaluate their rotations and teachers via this method.

### **MEdTech Central 3.8**

MEdTech Central is a robust integrated teaching and learning system that allows our instructors to easily deliver lecture notes and other electronic resources to students in a secure and centralized manner. The system has an intuitive and user-friendly interface and is managed by our Undergraduate Medical Education Office.