

Dear Colleague: DRAFT 3/28/02

The 15th Slice of Life Workshop will be held at the University of Toronto. The Slice of Life workshop began at the Eccles Health Sciences Library of the University of Utah in 1988 and has continued on an annual basis. In 1998 Gold Standard Multimedia offered to host the Web site and handle logistics and registration. From 1998-2001, the Slice of Life Workshop combined with the Computers in Healthcare Education Symposium (CHES), based at Thomas Jefferson University in Philadelphia.

The purpose of the workshop is to bring together developers and users of medical and health-related educational multimedia. Attendees usually fall into one of the following categories: (1) Medical educators (including library staff and course directors) that want to see how new technology is used and get ideas about what is available. (2) Software and Web developers who may or may not also be faculty and who want feedback on projects completed or under development. (3) Current and potential developers wanting to see new directions in software and technology. (4) Those eager to network with colleagues with similar academic or technical interests. (5) Those who know nothing about computers in education but want to see the state of the art in a friendly environment where participants want to share their enthusiasm and knowledge. The workshop program involves more than half the attendees in some way and avoids concurrent activities in order to stimulate communication and networking. The workshop is limited to 250 registrants with 150 of those being on the program. Register early to save money and avoid disappointment.

The event has two major parts. An optional 2 days of hands-on or lecture/demo Pre-workshops on June 18 and 19, and two and one-half days of auditorium presentations, demonstrations, breakout sessions, posters and panels on June 21-22. The Web site contains this year's program and abstracts as well as the

University of Toronto Faculty of Medicine
Department of Surgery, Division of Anatomy,
and the Division of Biomedical Communications

Eccles Health Sciences Library, University of Utah

Gold Standard Multimedia, Tampa Florida

invite you to the 15th

Slice of Life Workshop

*For Medical Multimedia Developers
and Educators*

Preworkshops: Hands-on and Demo Tutorials
Tuesday and Wednesday

JUNE 18-19, 2002

Presentations and Demonstrations

Thursday, Friday, Saturday

JUNE 20-22, 2002

Toronto, Ontario, CANADA

<http://www.slice.gsm.com>

Program Information

Suzanne S. Stensaas
Eccles Health Sciences Library
University of Utah
10 North 1900 East
Salt Lake City, Utah 84112
(801) 585-1281 Fax 581-3632
Suzanne.Stensaas@hsc.utah.edu

Registration

Leah Smith
Gold Standard Multimedia # 400
300 W. Kennedy Blvd,
Tampa, FL 33606, USA
Tel. 1-800-375-0943 ext 206
Fax (813) 259-1585
Smith.L@gsm.com

Auditorium Equipment

Bohdan Sadovy
Centre for Research in Education
200 Elizabeth Street
Eaton South I -565
Toronto, Canada M5G 2C1
Tel. (416)340-3792
Bohdan.Sadovy@utoronto.ca

Demonstrations/Poster

Lawrence Spero
University of Toronto 1
1 King's College Circle
Toronto, Canada M5S 1A8
(416) 978-6014
Fax (416) 978-6168
L.Spero@utoronto.ca

	PRE-WORKSHOPS TUESDAY, JUNE 18, 2002
8:00 -9:30 a.m. and 12:00 -2:00 p.m.	PICKUP REGISTRATION MATERIALS: Alumni Lounge, Second Floor, Medical Sciences Building (MSB). On site registration may not be available if workshop limits have been filled. Please pre-register. (see campus map showing MS , http://www.osm.utoronto.ca/map/)
8:30 a.m. half day or 9:00 am full day 12:00 p.m.	Morning Pre-workshops. Pre-registration Required See Table below
1:30 p.m.	LUNCH provided for those in morning and all day pre-workshops
4:30-6:30 p.m.	Afternoon Pre-workshops. Pre-registration Required http://www.slice.gsm.com/2002/prework/Preworkshops_table1.htm
5:00-7:00 p.m.	REGISTRATION MATERIAL PICKUP: Alumni Lounge, Second Floor, Medical Sciences Building (MSB). On site registration may not be available if workshop limits have been filled. Please pre-register. (campus map showing MS , http://www.osm.utoronto.ca/map/)
	Gather in the Alumni Lounge for a little hospitality and to meet old friends, make some new friends as well as check out the list of places to eat and places to visit prepared by the local committee.

	WEDNESDAY, JUNE 19, 2001
8:00-9:30 a.m.	PICKUP REGISTRATION MATERIALS: Alumni Lounge, Second Floor, Medical Sciences Building (MSB). On site registration may not be available if workshop limits have been filled. Please pre-register. (see campus map showing MS , http://www.osm.utoronto.ca/map/)
Half day 8:30 All Day 9:00a.m.	Morning Pre-workshops. Pre-registration Required See Table below.
12:00 p.m.	LUNCH provided for those in morning and all day pre-workshops
1:30 p.m.	Afternoon Pre-workshops. Pre-registration Required
3:00-5:00 p.m.	Developing e-Curricula - Issues, Challenges and Solutions David Fleiszer and Nancy Posel , Mc Gill University, Molson Project. An open discussion for those just arriving. Please pre-register. No fee.
4:15-5:15 p.m.	REGISTRATION MATERIAL PICKUP: Alumni Lounge, Second Floor, Medical Sciences Building (MSB). On site registration may not be available if meeting limit has been filled. Please pre-register.
5:00-6:00 p.m.	Tour of the Anatomy Division including the J. C. B. Grant Museum. Michael Wiley, Chairman, Division of Anatomy, Department of Surgery, University of Toronto. Limited to 20 with priority to gross anatomists. Free. Register with Leah Smith, smith.l@gsm.com
5:30-8:30 p.m.	Pickup Registration Material and HOSPITALITY SUITE SPONSORED BY GOLD STANDARD MULTIMEDIA University College, Hart House, Music Room north around King's College Circle from the Medical Sciences Bldg. (map showing UC, http://www.osm.utoronto.ca/map/)

SLICE OF LIFE PRE-WORKSHOPS, UNIVERSITY OF TORONTO, 2002

We reserve the option of canceling workshops with fewer than 6 registrants.

All Pre-workshop technical support and room arrangements handled by
Dr. Lawrence Spero, Division of Educational Computing, Faculty of Medicine,
 University of Toronto, 1 King's College Circle, Toronto, Ontario, Canada M5S 1A8
 L.Spero@utoronto.ca Tel. 416-978-6014 Fax 416-978-6168.

Time	<i>Morning</i> TUESDAY, JUNE 18	<i>LUNCH</i>	<i>Afternoon</i> TUESDAY, JUNE 18	\$U.S.
9:00-5:00	Introduction to Java Server Pages (JSP): Building Interactive, Database-Driven Web Applications Limited to 10. Hands-on See prerequisites. Dennis	lunch	continued	\$150
9:00-5:00	If You Make It, Will They Come? An Instructional Design Approach for Medical Education Software Lecture/demo, no skills needed Limited to 20. Relan and Michaelson	lunch	continued	\$150
9:00-5:00	Intermediate Flash 5.0 see pre-requisites Hands-on. Mac Lab. Limited to 8. Jenkinson,	lunch	Continued	\$150
8:30-12:00	Using Computers to Prepare Students for Real Clinical Experience. Lecture/Demo. Daetwyler	lunch		\$85
8:30-12:00	Streaming Digital Video for the Web Lecture/Demo. Limited to 25. Burrows/Carlson	lunch		\$85
1:30-5:00			QuickTime Player Pro as a Digital Media Authoring Tool Lecture/Demo, Limited to 25 Carlson/Burrows	\$75
1:30-5:00			Asynchronous Online Learning: Bridging the Gap between Classroom and Clinical Practice Lecture/Demo Sibbald	\$75
1:30-5:00			Electronic Exams: Moving from Paper-pencil to computer-based exams in a painless and constructive manner Lecture/Demo. Limit 15-20, Elliott	\$75

SLICE OF LIFE PRE-WORKSHOPS, UNIVERSITY OF TORONTO, 2002

We reserve the option of canceling workshops with fewer than 6 registrants.

Time/	<i>Morning</i> WEDNESDAY, JUNE 19	<i>LUNCH</i>	<i>Afternoon</i> WEDNESDAY, JUNE 19	<i>\$U.S</i>
9:00-5:00	XML: An Overview of eXtensible Markup Language Hands-on Limited to 8-10 see Prerequisites. Varghese	lunch	continued	\$150
9:00-5:00	e-Tutoring - Creating and Supporting a Course in a Virtual Learning Environment Hands-on Limited to 20. Booth	lunch	continued	\$150
8:30-12:00	Creating Interactive Web Animations with PowerPoint: a Hands-on Workshop Prerequisite: some experience using PowerPoint Roberts	lunch		\$85
8:30-12:00	DVD-Videodisc Creation: Demonstration of Key Production Steps and DVD Features Lecture/demo for Techies Burrows/Carlson	lunch		\$85
8:30-12:00	Problems and Solutions in Developing Medical CBT-programs Lecture./Demo designed for Beginners Gobée et al	lunch		\$85
8:30-12:00	Techniques for Incorporation of GSM's Integrated Medical Curriculum into Multimedia Course Delivery Lecture/Demo. Hilbelink/Garren	lunch		\$50
1:30 - 5:00			Implementing a Multimedia Database: Issues, Tools and Techniques Lecture/Demo. Uijtdehaage	\$75
1:30 - 5:00			The Anatomy of the Dynamic Patient Simulator Lecture/Demo Schoonderwaldt et al	\$75
1:30 - 5:00			Producing Ebook Medical Content in a Cross-Media Environment. Lecture/Demo Cochella/Lauman	\$75
1:30 - 5:00			Choosing Handheld Resources: PDA Technical Update for Healthcare Education Lecture/Demo. Limited to 25 Trelease	\$75
1:30 - 5:00			Easy-to-learn-and-use Methods for Presenting Audio and Video Technologies Online Lecture/Demo Park and James	\$75
3:00 - 5:00			Open Discussion: Developing e-Curricula - Issues, Challenges, and Solutions Fleiszer/Posel	\$0

	THURSDAY, JUNE 20, 2002 McLeod Auditorium, MSB (Medical Sciences Building)
8:00 a.m.	REGISTRATION MATERIAL PICKUP: Auditorium Lobby. On site registration may not be available if meeting limit has been filled. Please pre-register.
8:30 a.m.	WELCOME and INTRODUCTIONS:
8:40 a.m.	KEYNOTE: Title TBA Derrick de Kerckhove, The McLuhan Program in Culture and Technology @ the Faculty of Information Studies, University of Toronto, Canada http://www.mcluhan.toronto.edu/derrick.html
9:25	Discussion
9:45 a.m.	<i>Problem Based Learning: The Development of an ePBL Portal: How the Technology Supports the Pedagogy</i> Dr. Gordon Wallace, Dr. Linda Peterson, Dr. Chris Skinner, and Dr. Max Hincke University of Ottawa, Ottawa, Canada
10:00	COFFEE BREAK Alumni Lounge
10:30 a.m.	<i>Results from Faculty and Students on the Use of "vCases,": A Flexible Internet-based Case-authoring Application</i> James B. McGee, M.D., Laboratory for Educational Technology at the University of Pittsburgh School of Medicine, Pittsburgh, PA, USA
10:45 a.m.	<i>Students as e-Teachers - The Joint Development of Online Courses by Brazilian and German Medical Students</i> Tim Mueller and Manfred Platz , Medical Faculty of the Ludwig Maximilian University, Munich, Germany
11:00 a.m.	<i>Webware/Anyware: Integrated Instructional and Assessment Software for the Internet.</i> Scott Elliott, University of Iowa College of Medicine, Iowa City, IA, USA
11:15 a.m.	<i>Benefits of a Computer-based Examination System</i> Thomas M. Nosek, Ph.D., Case Western Reserve University School of Medicine, Cleveland, OH, USA
11:30 a.m.	<i>Creating Inclusive Learning Environments: Addressing the Needs of People with Disabilities</i> Jutta Treviranus, Adaptive Technology Resource Centre, University of Toronto, Canada
12:00	LUNCH provided for all registered attendees
12:45	BREAKOUT SESSIONS (afternoon presenters set up demos and posters)
2:00-5:30	DEMONSTRATIONS and POSTERS
6:00 p.m.	Gala Welcome Reception with Food Stations at the ART GALLERY OF ONTARIO FOR THOSE WHO RESERVED AHEAD OF TIME

BREAKOUT SESSIONS, THURSDAY, JUNE 20, 2002

12:45-1:45 p.m.

Breakout sessions are informal Question and Answer gatherings where the person proposing the session acts as moderator on a topic of interest to them. A few introductory remarks (maximum 10 minutes) can start the session and focus the group's attention. With rare exceptions, no equipment is wanted or needed for these. They are discussions that occur as the computer lab support people help the demonstrators and poster presenters set up their stations. Attendance is optional and you can drop-in on more than one session.

Shared Experiences of Problem-Based Learning with Electronic Enhancements (ePBL)

Dr. Gordon Wallace, Dr. Linda Peterson, Dr. Chris Skinner, and Dr. Max Hincke
University of Ottawa, Ottawa, Canada

Web Interface Design for Health Sciences E-Learning

Marija Franetovic, Instructional Designer College of Nursing, Wayne State University, Detroit, MI, USA

Multimedia Databases: Will Faculty Donate their Treasures?

Sebastian Uijtdehaage, UCLA School of Medicine, Health Education Assets Library, Los Angeles, CA, USA

Is Free and Accurate Medical Information on the Internet Possible in the New Economy?" New Ways of Surviving the Dot Com Age

Emmanuel C. Besa, Jon Seymour, and Greg Thompson (no abstract)

Developing Tools for the PDA: Factors in Instructional and Interface Design

Robert Trelease, PhD and Anju Relan, PhD, School of Medicine, UCLA, Los Angeles, CA, USA

Leading the Horse to Water: IT in Teaching Programmes at the Faculty of Medical Sciences, University of the West Indies

Andrew G. M. Pearson, Kushan S. Amarakoon, and Owen Morgan, Faculty of Medical Sciences, University of the West Indies, Mona Campus, Jamaica, West Indies

DEMONSTRATIONS, THURSDAY, JUNE 20, 2002 2:00-5:30 p.m.

MSB (Medical Sciences Building)

SET-UP: 12:00-2:00 PM in Medical Sciences Bldg. You are requested to be present at your station from 1:30 to 3:30 or 3:30 to 5:30. This will give each demonstrator time to see the other demonstrations. Demonstrators are expected to be in the demonstration or poster area, so people can talk to them. See final program for your day, as some switching between Thursday and Friday may be necessary in order to provide the proper equipment.

A Demonstration of the University of Toronto's Web-based Learning Tool to Assist Medical Students with History Taking, Case Report Writing, and Physical Examination Skills

Hance Clarke, Errol Colak, Collan Simmons, Joyce Nyhof-Young, and John Bradley, University Health Network and Faculty of Medicine, University of Toronto, Canada

Teaching the Fundamentals of Physical Diagnosis Techniques on the Web

Kathy Mosbaugh and Lori Stapleton, Gold Standard Multimedia, Tampa, FL, USA

Interactive Peripheral Nervous System WebCT Site

Frank Reilly, Edwin Allen, Jeffrey Altemus, Allison Reed, and Leebrian Gaskins, Department of Neurobiology and Anatomy, School of Medicine, West Virginia University, Morgantown, WV, USA

Acid/Base Primer

Richard E. Rawson and Franz Sugarman, College of Veterinary Medicine, Cornell University, Ithaca, NY, USA

Development of the Virtual Slide

Dr. Jonathan Ben-Ezra, M.D., Virginia Commonwealth University, Richmond, VA, USA

Digital Anamnesis (Clinical History Taking) and Patient Examination

Alien Riedstra, Leiden University Medical Center, Leiden, the Netherlands

Sexy Snake

Tom Schneider, Tjeerd Visser and Mathijs Doets, Erasmus Medical Centre, Rotterdam, the Netherlands

CD-ROM: Histologie Humaine Interactive

J. Paiement, S. Jolicoeur, B. Messier, V. Gisiger, M. Bendayan, R. Nabi, J. Leon, L. Ghitescu, M. Desjardins, G. Sainte-Marie and M. L. Vitale, Université de Montréal, Canada

Programming with Digital Images to Enhance Gross Anatomy Laboratory Learning

Hincke, M.T., Faculty of Medicine, University of Ottawa, Ottawa, Canada

Comparison of Human Fetal and Postnatal Cardiovascular Circulation

Ruben Montoya, Indiana University, Medical Science Department , Indiana University, Bloomington, IN, USA
<i>Virtual Microscope Template</i>
Marc Brisbane and David Begg, University of Alberta, Edmonton, Alberta, Canada
<i>Teaching Resource Centre (TRC): a New Way of Learning Pharmacology</i>
E.A. Dubois, Leiden University Medical Center, Leiden, the Netherlands
<i>Visualizing the Hypothetical-deductive Process: A Web-based Mapping Tool for the Case-based Learning System, CASUS</i>
Inga Hege, Martin Adler, Markus Kernt, Norman Berman, Leslie Fall, and Martin R. Fischer, University of Munich, Medizinische Klinik Innenstadt, Germany and Dartmouth Hitchcock Medical Center, Lebanon, NH USA
<i>CASUS: Web-based Learning with Authentic Cases: New Tools and Perspectives</i>
Martin Adler, INSTRUCT AG and Matthias Holzer, Bernadette Aulinger, Roland Mühlbauer, and Martin R. Fischer, Ludwig-Maximilian University, Munich, Germany
<i>A Self-Directed Student-Authoring Module to Generate Web-based Projects in Presentation Ready Format</i>
Robert L. Sunheimer and Jannie Woo, Ph.D. SUNY Upstate Medical University at Syracuse, Syracuse, NY, USA
<i>Web-Based Approach to Teaching Hematologic Morphology Using a "Virtual" Microscope</i>
Jannie Woo, Ph.D., Sharad Mathur, M.D., and Robert Hutchison, M.D., State University of New York Upstate Medical University at Syracuse, NY, USA
<i>The Biology Project: Collaborative Translation Efforts</i>
Ken M. Williams, The University of Arizona, Tucson, AZ, USA
<i>How to Prepare students for "Real Clinical Life"</i>
Christof J Daetwyler, IML (Interactive Media Lab), Dartmouth College, Lebanon, NH, USA
<i>Interactive Lab Companion for Introductory Anatomical Sciences for Undergraduate Art Students</i>
Michael Wiley and Nicholas Woolridge, Divisions of Anatomy and Biomedical Communications, Department of Surgery, University of Toronto, Canada
<i>A Library of Teaching Cases for Hematology Course Directors in Case Bank of the American Society of Hematology (ASH)</i>
Emmanuel C. Besa, M.D., MCP Hahnemann University, Philadelphia, PA, USA and John Bolles, M.S. (formerly University of Washington), Seattle, USA
<i>Teaching Resource Centre: Teaching of Pharmacology throughout a Medical School Curriculum</i>
E.A.Dubois, Leiden University Medical Center, Leiden, the Netherlands
<i>A Cooperative Learning Environment for Patient Case Discussions in Cardiology</i>
Glauca Sa Fortes Moreira, Federal University of Rio de Janeiro, Brazil
<i>CASK: a Series of Clinically-based Interactive CBT programs in Anatomy</i>
O.P. Gobée, A.C.G. Wenink, R.E. Poelmann, P.M. Bloemendaal, and A.C. Gittenberger-de Groot, Leiden University Medical Center, Leiden, the Netherlands
<i>The Cadaver as the First Patient: The Cadaver Medical History Project</i>
Thomas R. Gest, S. Anilesh, W. Burkel, G. Durka-Pelok, D. Kay, and A. Raoof ,University of Michigan Medical School, Ann Arbor, MI, USA
<i>Converting Neuroanatomy Slide Images into an Interactive Online Learning Tool: a Project with Interdepartmental Collaboration</i>
Taeyeol Park, Georgetown University Medical Center, Washington, DC , USA
<i>MEDCASE: A Web Based Tool for Clinical Reasoning</i>
Anju Relan, PhD and Fara Naeim, MD. School of Medicine, UCLA, Los Angeles, CA, USA
<i>Media-Based Health Communication: Exploring the use of Visual Media to Promote Understanding</i>
Nicholas Woolridge, Linda Wilson-Pauwels and Jodie Jenkinson, University of Toronto, Canada
<i>The McGill Electronic Curriculum - A Hands-on Demonstration</i>
David Fleischer and Nancy Posel, Molson Project, Mc Gill University, Montréal, Canada
<i>The Neurological Examination - a Web-based Multimodal Educational Tool</i>
Marika J. Hohol, MD FRCP, Patricia A. Stewart, and Jodie Jenkinson, Faculty of Medicine, University of Toronto, Canada

POSTERS, THURSDAY, JUNE 20, 2002
MSB (Medical Sciences Building)

SET-UP: 12:00-2:00 PM in Medical Sciences Bldg. You are requested to be present from 1:30 to 3:30 or 3:30 to 5:30. This will give each presenter time to see the other demonstrations and posters. Presenters are expected to be in the demonstration or poster area so people can talk to them. See final program for your day, as some switching between Thursday and Friday may be necessary to provide the correct equipment.

Rejuvenating an Immunology Course : Moving from Linear Videotape to Online Nonlinear Navigation and Animation

Helen Macfarlane, MA, Elnor Kinsella PhD., John Cohen, MD, PhD., and Carol Kamin, EdD University of Colorado Health Sciences Center, University of Colorado Health Sciences Center, Denver, CO, USA

Rich Content and a Scientific Approach to Teaching Physiology

Robert S. Stephenson, Marija Franetovic, and Pamela Gregory, The Harvey Project, Wayne State U., Detroit, MI and Tyler Junior Coll., Tyler, TX, USA

Collecting Timely Student Feedback: an Online Course Evaluation Program

Julie Powell and Kathleen Quinlan, Cornell University, College of Veterinary Medicine, Ithaca, NY, USA

Real Learning in a Virtual World: A Prototype for The UltraSlideSTUDIO: a Virtual Microscope Environment

Deborah Moulton MAMS, William G. Hendrickson, PhD , Carolyn Crouch MAMS, Paul Schreckenberger, PhD and Robert J. McAuley, PhD, University of Illinois at Chicago, College of Medicine, Chicago, IL, USA

Let's Ask the Users! Development and Implementation of an Evaluation Strategy for Multimedia Teaching Software

Joyce Nyhof-Young, Liron Walsh, and Patricia Stewart, Faculty of Medicine, University of Toronto, Canada

Improved Performance Following Reduction of Lecture Length and Increased use of Web-based Learning Materials

Thomas R. Gest, University of Michigan Medical School, Ann Arbor, MI, USA

"Docs 'n Drugs - The Virtual Polyclinic": Goal Based Scenarios in a Training System for Diagnostic Reasoning in Medicine

Hubert Liebhardt M.A., University of Ulm, Germany

Online Problem-Based Learning

C. Skinner and W. Hendelman, Faculty of Medicine, University of Ottawa, Canada

Implementation and Evaluation of a Computer-Assisted Multimedia Learning Tool for Occupational Medicine

Joerg Reichert, Katja Radon, Inga Hege, Martin R. Fischer, and Dennis Nowak, Institute and Outpatient Clinic for Occupational and Environmental Medicine, Ludwig-Maximilians-University, Munich, Germany

Use of Neuroscience Web-based Cases in Problem-Based Learning Groups

Kathryn L. Lovell and Mark Hodgins, Michigan State University, East Lansing, MI, USA

Communication Training with the Dynamic Patient Simulator

P.M. Bloemendaal, E. M. Schoonderwaldt, J.D. Donnison-Speyer, and S. Eggermont, Leiden University Medical Center, The Netherlands and Amsterdam Medical Center at the University of Amsterdam, the Netherlands

CASEPORT - Case-based Learning through an Integrated System-Portal

Martin R Fischer, F.-J. Leven, F. Puppe, J. Bernauer, M. Weber, R. Singer, M. Berberich, A. Hörnlein, K. Schmidt, A. Schober, M. Holzer, Ch. Wegner, A. Hierl, A. Butz, S. Papke, J. Schulze, K. Schnabel, J. Fritz, O. Tiebel, W. Jakob, A. Weindl, J. Steuber, E. Habermeyer, Th. Baehring, A. Pohle, R. Klar, Medical Faculty, University of Munich, Germany

Engaging the Learner: Design & Evaluation of a Case-based, Continuing Education CD-ROM in Oncology

Catton, P., Brierley, J., Wiljer, D., & Nyhof-Young, J. University of Toronto, Canada

Video Digitization and Content Management

Bill Powers, United Learning, Evanston, IL, USA

	FRIDAY, JUNE 21, 2002 McLeod Auditorium, MSB (Medical Sciences Building)
8:00 a.m.	REGISTRATION MATERIAL PICKUP: Alumni Lounge next to the auditorium. On site registration may not be available if meeting limit has been filled. Please pre-register.
8:30 a.m.	KEYNOTE: TOPIC: Principles of Effective Interface Design Ron Baecker (http://www.dgp.toronto.edu/people/RMB) Chief Scientist at the Knowledge Media Design Institute, University of Toronto, Canada http://www.dgp.toronto.edu/
9:15 a.m.	<i>A Virtual Character System for Understanding Complex Changes in Mood and Affect</i> Charles J. Lumsden, Nicholas Woolridge, and David Kreindler, University of Toronto, Canada
9:40 a.m.	<i>Unlocking the 6cm x 6cm Blackboard: Introducing a Free, Open Mechanism for Bringing Course Content onto Handheld Screens</i> Robert O'Connor, University College Dublin, Ireland
10:00 a.m.	COFFEE BREAK Alumni Lounge
10:30 a.m.	<i>Wireless Computing, Streaming and Videoconferencing</i> Paul Fontelo, Craig Locatis, Michael Ackerman, and Charles Sneiderman, National Library of Medicine, Bethesda, MD, USA
11:00 a.m.	<i>Educational Authoring with Virtual Reality and 3D Visualisations</i> Reinhard Friedl and Nicole Kadlec, Dept. of Heart Surgery, Univ. Hospital, Ulm, Germany
11:15 a.m.	<i>Medical Training with the Dynamic Patient Simulator</i> P.M. Bloemendaal, S. Eggermont, E.M. Schoonderwaldt, and J.M. van Baalen, Leiden University Medical Center, The Netherlands
11:30 a.m.	<i>An Interactive Web-based Learning Tool to Assist Medical Students with History Taking, Case Report Writing, and Physical Examination Skills</i> John Bradley, Hance Clarke, Errol Colak, Collan Simmons, and Joyce Nyhof-Young, University Health Network and The Faculty of Medicine, University of Toronto, Canada
11:45	STUDENT SOFTWARE PRIZE AWARD AND DEMO sponsored by Lippincott, Williams and wilkins Present by Gregory A. Thompson (see about software prize http://www.slice.gsm.com/2002/student.htm)
12:00 p.m.	LUNCH provided for all registered attendees
12:45 p.m.	BREAKOUT SESSIONS (afternoon presenters set up demos and posters)
2:00-5:30 p.m.	DEMONSTRATIONS and POSTERS
5:00 - 6:00 p.m.	Tour Surgical Skills Center. Number Limited to 30. Must sign up ahead of time (Bohdan.Sadovy@uhn.on.ca) Mt. Sinai Hospital on University Avenue. A 5 minute walk from the meeting site.
6:00 - 8:30 p.m.	HOSPITALITY at Delta Chelsea Hotel sponsored by Gold Standard Multimedia

BREAKOUT SESSIONS, FRIDAY, JUNE 21, 2002
12:45-1:45 p.m.

Breakout sessions are informal Question and Answer gatherings where the person proposing the session acts as moderator on a topic of interest to them. A few introductory remarks (maximum 10 minutes) can start the session and focus the group's attention. With for rare exceptions, no equipment is wanted or needed for these. They are discussions that occur as the computer lab support people help the demonstrators and poster presenters set up their stations. Attendance is optional and you can attend more than one session.

Wireless Computing

Paul Fontelo, National Library of Medicine, Bethesda, MD, USA

International Panel on Lessons Learned and Directions for the Future of Interactive Learning

Harold Lyon (chair-USA), Klaus Maag and Martin Fischer (Germany), Rolf Attstrom (Sweden); Andrew Booth (UK), and Christof Daetwyler (Switzerland, USA).

How to Accommodate Different Learning Styles in Computer-based Instruction

Michael Mann and Susan Batten, University of Nebraska Medical Center, Medical College of Ohio, Toledo, OH, USA

Case-based Teaching with Technology: Tools and Techniques.

Veronica Michaelsen and Anju Relan, University of Virginia and UCLA Schools of Medicine, USA

Unleashing Supply: Developing and Sharing Learning Objects

Robert Stephenson and Marija Franetovic, The Harvey Project and Wayne State University, Detroit, MI, USA

Creating Flexible Software: Strategies and Technologies for Designing Courses for a Variety of Learning Styles

(expect some Techie Talk, no abstract)

Gregory A. Thompson, Salt Lake City, Utah, USA

DEMONSTRATIONS, FRIDAY, JUNE 21, 2002
MSB (Medical Sciences Building)

SET-UP: 12:00-2:00 PM in Medical Sciences Bldg. You are requested to be present from 1:30 to 3:30 or 3:30 to 5:30. This will give each demonstrator time to see the other demonstrations. Demonstrators are expected to be in the demonstration or poster area so people can talk to them. See final program for your day, as some switching between Thursday and Friday may be necessary in order to provide the correct equipment.

Dental Head and Neck Anatomy: a Web-based Teaching and Learning Tool

Lori Stapleton and Kathy Mosbaugh, Gold Standard Multimedia, Tampa, FL, USA

A Skills-based Systematic Approach to the Emergency Management of a Trauma Victim

InaTreadwell, JP Pretorius, and CJ Loedolff, University of Pretoria, South Africa

Online Electronic Atlases of Human, Dolphin and Sheep Brains

John I. Johnson, Keith D. Sudheimer, and Brian M. Winn, Radiology Department, Neuroscience Program, and Communications Technology Laboratory, Department of Telecommunication, Michigan State University, East Lansing, MI, USA

Development of a Multimedia Case Simulator for Medical Diagnosis According to the Problem-oriented System

Michio Shiibashi, Hitomi Takano, Miho Suzuki, Takao Morita, and Ryoza Ohno, Saitama Medical School, Japan

A Computer-based Breast Cancer Decision Support System to Aid Lower Literacy Women in Making Treatment Decisions

Maria L. Jibaja-Weiss, Ed.D., Nancy E. Neff, M.D., Thomas Granchi, M.D., Robert J. Volk, Ph.D., Stephen Spann, M.D., Robert Beck, M.D., Noriaki Aoki, M.D., and Doris Georgiou, Ph.D., Baylor College of Medicine, Houston, TX, USA

Educational CD-ROM on Prostate Brachytherapy

C Danjoux, K Mah, R Choo, and G Morton, Toronto Sunnybrook Regional Cancer Centre, Toronto, Canada

The Making of Database Driven Online Continuing Medical Education

Sylvie Faisant-Lummis (Programmer Analyst) and Hanh Do (Multimedia Manager), Radiology Department, University of California San Francisco, CA, USA

High-Resolution Photographic VR Objects Delivered over Limited Bandwidth using Streaming Image Technology

Gary L. Nieder, Frank Nagy and, Lynn A. Wagner, Wright State University School of Medicine, Dayton, Ohio, USA

<i>Creation of QuickTime Virtual Reality (QTVR) Object Movies for the Study of Human Brain Anatomy</i>
John C. Pearson, Gary L. Nieder, Lynn A. Wagner and Emalie Carson, Wright State University School of Medicine, Dayton, OH, USA
<i>Empowering Patients: A Computer-based, Self-directed Patient Education Program on Laryngeal Cancer</i>
Fayez Queresby, Joyce Nyhof-Young, and Jonathan Irish, Faculty of Medicine, University of Toronto, Canada
<i>Using Handheld Computers for Admission Order Entry</i>
Thomas Mohr, D.O., Michigan State University College of Osteopathic Medicine, East Lansing, MI, USA
<i>Delivery of Interactive Multimedia Using a Multiple-Bit Rate, Intelligent Streaming Media Server at 28.8 kbps to 99 kbps</i>
Richard Hallgren, Michigan State University, East Lansing MI, USA
<i>A Dynamic Database Driven Web Site as an Adjunct to Pathology Residency Training</i>
Schuyler Sanderson, M.D., Lisa Glowacki, Jannie Woo, Ph.D., State University of New York Upstate Medical University at Syracuse, NY, USA
<i>Media-Based Health Communication: Exploring the Power of Visual Media to Promote Understanding</i>
Meaghan Brierley, Linda Wilson-Pauwels, Nicholas Woolridge, and Jodie Jenkinson, Division of Biomedical Communications, University of Toronto, Canada
<i>Developing Tools for the PDA: Factors in Instructional and Interface Design</i>
Robert Trelease, PhD and Anju Relan, PhD, School of Medicine, UCLA, Los Angeles, CA, USA
<i>Incorporating Multimedia [video, audio, and animation elements] into Learning Modules for Use in the Classroom and on the Web</i>
James D'Agostino, MD and Michael Touhey, Upstate Medical University, Syracuse, NY, USA
<i>"Prostate Practicum" -- Meeting the Challenge of Teaching Examination of the Male Genitalia and Digital Examination of the Rectum and Prostate</i>
Richard A. Watson, M.D., Associate Professor of Surgery, Division of Urology, UMDNJ New Jersey Medical School, NJ, USA
<i>Communicating Complex Concepts using Structured Digital Video</i>
Agnes Ouellette, Director Client Services, Expresto Software Corp. Research Associate, Knowledge Media Design Institute, Univ. of Toronto and Expresto Software Corp., Toronto, Canada
<i>Effectiveness of Video in Creating Immersive Web Based Trauma Case Simulations</i>
Eric Savitsky, MD and Anju Relan, PhD, School of Medicine, UCLA, Los Angeles, CA, USA
<i>Experiencing the eHealth: Educational Potential of a Software Tool for Wireless Mood Assessment</i>
Nicholas Woolridge, Charles J. Lumsden, David Kreindler, and Anthony Levitt, University of Toronto, Canada
<i>sonotrainer - Computer-based Ultrasound Learning and Training System</i>
Dino Carl Novak, Fraunhofer Institute for Applied Information Technology, FIT, St. Augustin, Germany
<i>A Course on the Medical Response to Weapons of Mass Destruction</i>
Gregory A. Thompson and Terry K. Clark, Medantic Technology, Salt Lake City, Utah
<i>MIDAS: The McMaster Interactive Database for Anatomical Studies</i>
James Saley, The Visualization Design Institute, Sheridan College, Oakville and Dr. Hallie Groves, McMaster University, Hamilton, Ontario, Canada
<i>3D Computer Animations in Cardiac Surgery: Simulation of a Virtual Heart-Lung Machine</i>
P. Engels, C. Schmitz, F. Lewark, and H.O. Vetter, Department of Cardiothoracic Surgery, University of Witten, Herdecke, Wuppertal, Germany
<i>Rich Media E-Learning for Collaborative Knowledge Building in an Interfaculty Health Professional Education Initiative</i>
Leila Lax, Division of Biomedical Communications, Department of Surgery, Faculty of Medicine, Judy Watt-Watson, RN PhD, Faculty of Nursing, and Peter Pennefather, PhD, Faculty of Pharmacy, University of Toronto, Canada
<i>Medical Tools for Learning Properties of Neurons: Interactive Flash Animation used to Demonstrate Neurophysiology</i>
Franz Sugarman and Richard Rawson, Cornell University Veterinary College, Ithaca, NY, USA
<i>Neurological Cases: A Tool for Testing Neuroanatomical Localization</i>
Paul D. Larsen, M.D., University of Nebraska, Omaha, NE and Suzanne S. Stensaas, Ph.D., Paul E. Burrows, and Eric Carlson, University of Utah, Salt Lake City, UT, USA

Virtual Temporomandibular Joint and Bones of the Skull

Bernie Liebgott and Kevin Millar, Division of Anatomy, Department of Surgery, Faculty of Medicine, University of Toronto, Canada

Revisiting "How Long Does it Take?" from a Faculty Perspective, with a Few Tips to Streamline the Process

Susan L. Kraft, Colorado State University, Fort Collins, CO, USA

**POSTERS, FRIDAY, JUNE 21, 2002
MSB (Medical Sciences Building)**

SET-UP: 12:00-2:00 PM in Medical Sciences Bldg. You are requested to be present from 1:30 to 3:30 or 3:30 to 5:30. This will give each presenter time to see the other demonstrations and posters. Presenters are expected to be in the demonstration or poster area so people can talk to them. See final program for your day, as some switching between Thursday and Friday may be necessary to provide the correct equipment.

WBT-Program: "Psychosomatic Medicine – Theory and Cases" (In German)

Richard Wagner, AGMA, Faculty of Medicine and Heike Egerding, Christiane Noack, Stefanie Otte, and Uwe Gieler, Center for Psychosomatic Medicine, Univ. Medical Center, Justus-Liebig-University, Giessen, Germany

Preparing for the Ph.D.: Interactive Web-Based Testing

Chanchai McDonald, Vanderbilt University School of Medicine, Nashville, TN, USA

Developing an Information Model: A Lesson in Future Proofing

Chris Candler, Le Gruenwald, and Jianting Zhang, University of Oklahoma, Oklahoma City, OK, and The University of Oklahoma, School of Computer Science, Norman, OK, USA

Teaching End-Of-Life: Multimedia Toolkit For Health Professionals

Shiping Zong, PhD; Stuart Farber, MD; and Diana Wilkie, PhD, University of Washington, Seattle, WA, USA

Rx for Mediocrity. The Rise and Fall of a Continuing Medical Education Website

Kent Judkins and Mark Platt, Louisiana State University Health Sciences Center, Shreveport, LA, USA

Cutting the Cord

Linda Martin and Mark Platt, Louisiana State University Health Sciences Center, Shreveport, LA, USA

Change in Capabilities, Change in Resources: Pulling it all Together

Eve Juliano and Jamie Hahn, University of North Carolina at Chapel Hill, NC, USA

Resolution and Bandwidth Problems: Two Reasonable Solutions

O.P.Gobée, Leiden University Medical Center, Leiden, the Netherlands

Evaluation of an Online Educational Tool to Assist First Year Medical Students with History Taking and Case Report Writing Skills

Errol Colak, Hance Clarke, Collan Simmons, Lawrence Spero, Joyce Nyhof-Young, and John Bradley, University Health Network and University of Toronto, Toronto, Ontario, Canada

The "Virtual Practice": Educational Applications of the Electronic Medical Record

Michael H. Zaroukian and Kathryn L. Lovell Michigan State University, East Lansing, MI, USA

The Role of Wireless Pocket PCs in Delivering the Curriculum as well as Formative Assessment of Medical Students

H.F. Chang, P. Alur, S.H. Lee, D.R. Koh, H.E. Khoo, R. Joseph, and E.H. Lee, Faculty of Medicine, National University of Singapore, Singapore

Virtual Modelling of Skeletal Muscle: the Interface Between Teaching and Research

A.M. Agur, V. Ng-Thow-Hing, E. Loh, A. Yeung, and N.H. McKee, Department of Surgery, University of Toronto and Fundamental Research Labs, Honda R&D Americas, Inc, Toronto, Canada

Evaluation of a Multimedia Resource for Health Professionals using the Phenomenographic Approach

Kalyani Premkuma, University of Calgary, Alberta and Meducational Skills, Tools and Technology Inc., Canada

	SATURDAY, JUNE 22, 2002 McLeod Auditorium, MSB (Medical Sciences Building)
9:00 a.m.	KEYNOTE: TitleTBA. Dave Davis, MD, Professor in the Departments of Health Policy, Management & Evaluation and Family and Community Medicine, and Associate Dean, Continuing Education (CE), Faculty of Medicine, the University of Toronto.
9:45 a.m.	<i>An Interactive Web-based Primer for Teaching Physical Examination Skills: An Integration of Flash, SMIL and Cold Fusion,</i> Timothy J. Cain, Ph.D., 2nd - Medical Multimedia Design, The Ohio State University College of Medicine & Public Health, Columbus, OH, USA
10:00 a.m.	COFFEE BREAK
10:15 a.m.	<i>A Multimedia Cell and Tissue Biology Course Utilizing Videomicroscopes, Computerized Practical Exams, and Student Presentations</i> James H. Sheetz, PhD., University of Alabama at Birmingham , AB, USA
10:30 a.m.	<i>Recent Developments in AN@TOMEDIA(TM): A New Approach To Medical Education Developments In Anatomy</i> Priscilla Barker, Norman Eizenberg, Christopher Briggs, and Ivica Grkovic Department of Anatomy and Cell Biology, The University of Melbourne, Australia
10:45 a.m.	<i>Radiology Test Bank: Incorporating Assessment in Basic Diagnostic Imaging</i> Linda Lanier, M.D., University of Florida College of Medicine, Tampa, FL ,USA
11:00 a.m.	<i>Evaluating Multimedia Teaching Tools - How do We Know When We Have Met Our Goals?</i> P. Stewart, N. Nathan, and J. Nyhof-Young, University of Toronto, Canada
11:15 a.m.	TBA Publishing Directions
11:45 a.m.	Closing Remarks
12:00 noon	End of Meeting
12:30 p.m. - 11:00 pm	Grand Extravaganza - depart by bus, continuing by Hydrofoil to Niagara Falls. Pre-registration required. Cost \$70 includes lunch, dinner, transportation. (http://www.slice.gsm.com/2002/grandex.htm)

LATE SUBMISSIONS CURRENTLY PENDING Inclusion in the program will depend on withdrawals and availability of equipment
The following abstracts are submitted and form part of the formal submissions for the meeting in 2002, but may or may not be accommodated on the program. Check the final program distributed at the meeting.
<i>Online Procedural Skills Modules and Reporting Tool</i> Rob Freedman and Chris Candler, University of Oklahoma College of Medicine, Oklahoma City, OK, USA
<i>Motivating Resistant Smokers: Learn How to Develop Individualized Interventions</i> Professor Rick Botelho, Department of Family Medicine, University of Rochester, NY, USA
<i>A CD-ROM Multimedia Tutorial: Planning Craniospinal Irradiation Fields: A Comparison between Conventional and CT-Simulation</i> C. Danjoux. Toronto Sunnybrook Regional Cancer Centre, Toronto, Canada