Dear Participants,

Welcome!
To the Information & Communication Technology Summit 2011.

Forward thinking and innovative ideas are called for. We want to help create an academic environment that not only addresses the needs of our students now, but consider new ways of collaboration and envisioning are open to us.

We cannot build a better tomorrow alone. Through this ICT Summit, we have the opportunity to come together and meet the challenge to visualize and plan how we can use current developments in technology and plan for technical advances that react and respond to our needs, based on pedagogy and content.

Collaboratively we, as a community, can place ourselves to be a forerunner of new ideas and technologies rather than simply following or matching the standards of the day.

Thank you for attending the ICT Summit 2011.

Regards,

Patricia Galvis-Assmus
Welcome
Panel 1: Openness = Innovation
Panel 2: Cultivating a 1st Class Education
Speed Dating: Minute to Spin It
Lunch
Rally to Action
IT in the Valley
1st Class Education Discussion
Getting Wiki with It: Collaborations in Academia
Closing Remarks/ Connections
Reception: Hosted by 5 College Inc.
Panel 1: **Openness = Innovation Panelists**

Moderator: Traci Hess, Professor SOM

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**Leslie Hawthorn**  
*Oregon State University Open Source Labs*  
Open Source Outreach Manager  
[osuosli.org](http://osuosli.org)

An internationally known Open Source advocate, Leslie Hawthorn brings more than 10 years experience in high tech project management, marketing and public relations to her role as Open Source Outreach Manager at Oregon State University’s Open Source Lab. She also serves on the NSF/CPath Steering Committee for the Humanitarian FOSS Project and the Editorial Board for the Open Source Business Resource. Most recently, she has been honored with the 2010 OSCON Open Source Award and the 2010 National Center for Open Source in Education Award. Leslie previously worked as a Program Manager for Google’s Open Source Programs Office, where she was responsible for the company’s FOSS outreach efforts, most notably the Google Summer of Code program and Google Highly Open Participation contest (now known Google Code-in). You can follow her adventures at: identi.ca (@lh) or Twitter (@lhawthorn) or read her personal blog at [http://hawthornlandings.org](http://hawthornlandings.org)

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**Kate James**  
*MIT OpenCourseWare*  
Senior Manager, User Experience  
[ocw.mit.edu](http://ocw.mit.edu)

Kate James is the senior manager, user experience for MIT OpenCourseWare, MIT’s initiative to publish the basic teaching materials for virtually all of its courses openly and freely online. James leads the production team, which is responsible for all technical, accessibility and usability aspects of OCW’s publication process, including video production, CMS support and enhancements, site UI, and publication standards. She came to MIT in 2007. Prior to this, James held web communications positions at Textron, Brown University & Smith College. Her M.A. (University of Massachusetts Amherst) & B.A. (Illinois State University) are in English (fiction writing).

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**Charlie Schweik**  
*UMass Amherst*  
Associate Professor, Co-Director and founder of UMass Amherst Open Source Laboratory

Charles M. Schweik is an Associate Professor in the Dept. of Environmental Conservation and the Center for Public Policy and Administration at the University of Massachusetts, Amherst, USA (since 2006) and has been a faculty at UMass since 2001. He also is the Associate Director of the National Center for Digital Government at UMass Amherst ([http://www.ncdg.org)](http://www.ncdg.org). He has a PhD in Public Policy from Indiana University, a Masters in Public Administration from Syracuse University, and has an undergraduate degree in Computer Science. More recently, Schweik has completed a book manuscript (forthcoming, MIT Press) tentatively entitled Understanding Collaboration in the Internet Era: A Study of the Success and Abandonment of Open Source Software Commons that looks at collaborative principles in open source software projects.
Youlanda Gibbons  
*Georgetown University*  
Prof. of Sociology & Liberal Studies  
georgetown.edu

Youlanda Michelle Gibbons completed her Ph.D. in Sociology from the University of Massachusetts Education Policy and Sociology. A professor of Sociology and Liberal Studies at Georgetown, Youlanda published her first book *The Business of Diversity: A View from the Corporate Suite* this past year with Cognella Academic Press and her current research activities focuses on professional women's experiences in the workplace. At NASA Headquarters in Washington DC, Youlanda is a senior consultant serving in the areas of conflict resolution and diversity & inclusion management.

Ken Udas  
*UMass Online*, Chief Executive Officer  
http://www.umassonline.net/

Dr. Ken Udas, whose background includes a diverse set of executive Mr. Dr. management and teaching roles in Slovakia, Austria, Kazakhstan, Central Asia and New Zealand as well as in the US, became the Chief Executive Officer of UMassOnline in September, 2009. Prior to UMassOnline, Dr. Udas was the Executive Director of Penn State World Campus where he led the development of the organization's vision with responsibility for prioritizing and resourcing initiatives, staffing plans, and capital and operational investments. His management of operations included educational technology, student services, academic advising, student retention, marketing, program development, faculty development, learning design and course development.

Norman Bier  
*Open Learning Initiative at Carnegie Mellon University*  
Associate Director  
http://oli.web.cmu.edu/openlearning/

Norman Bier is the Associate Director of the Open Learning Initiative (OLI) at Carnegie Mellon University. OLI is dedicated to the development of freely available “stand-alone” college-level online courses and web-based learning environments informed by the best current research from the cognitive and learning sciences. OLI uses Prior to joining OLI, he was Director of Training and Development at iCarnegie Inc., a CMU subsidiary chartered to deliver software development education through international partnering institutions. Using technology and faculty support, iCarnegie reaches thousands of students who would not have had access to a CMU-level education. His principal responsibilities at iCarnegie included course, curricula and program development; faculty support and training; and business development.
Speed Dating: A Minute to Spin It!
Moderator: Maria Toyofuku, 5 College Inc. Director of IT

What’s your ICT experience? What technologies do you want to learn more about? Network with other ICT practitioners in this fast-paced round-robin meet, greet, and information-sharing session.

Technology Driver’s License
Speaker: Patricia Galvis-Assmus, UMass Amherst, Director, IT Program

Research has shown that an ICT-skilled workforce improves the efficiency and boosts the productivity of individual organizations, which in turn acts as a driver for growth in the economy as a whole. Should colleges today make digital literacy a graduation requirement? If so, what proficiencies should a digitally literate graduate possess?

A Challenge to Us All
Speaker: Patricia Galvis-Assmus, UMass Amherst, Director, IT Program

A challenge to change how faculty and administrators collaborate.

A New Initiative!
Speaker: James V. Staros, UMass Amherst Provost

UMass Amherst Provost James V. Staros to announce new academic pilot initiative.
**Lightning Talks**

The Lightning Talks session will allow IT practitioners from around the Pioneer Valley to give a brief introduction to their projects. Presenters will follow up their talks with a poster session to further discuss their projects with attendees.

**Scott Payne**  
Amherst College  
**Topic:** SimQuabbin  
SimQuabbin begins with Geographic Information Systems data to render to scale a four square kilometer section of the Quabbin Reservoir management area.

**Nicole Vaget & Kate Singer**  
Mt. Holyoke  
**Topic:** TEI  
The Text Encoding Initiative (TEI) is a consortium which collectively develops and maintains a standard for the representation of texts in digital form.

**Bassam Kurdali**  
Hampshire College  
**Topic: The Tube**  
The Tube project (at Hampshire College) is a collaborative 10 minute animated short based on the Sumerian Epic of Gilgamesh. We use Free/Open Source Software: Blender (3D animation), Helga (project management) and Python (automation and scripting).

**Christopher V.Hollot**  
UMass Amherst  
**Topic: M5**  
M5 is a lab/study space at the University of Massachusetts Amherst created to support Computer Systems Engineering (CSE) and Electrical Engineering (EE) undergraduates.

**Andy Anderson**  
Amherst College  
**Topic: Cityscapes**  
Cityscapes is a mapping framework for urban and cultural studies that integrates audiovisual media illustrating particular locations.

**Thom Long**  
Hampshire College  
**Topic: DART/Riverscaping**  
The Hampshire College DART (Design, Art, and Technology) Program fosters inventive explorations at the intersections of art, design, and technology.

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and many others.

**Sarah Hutton**  
*UMass Amherst*  
**Topic: Teaching Commons**  
The UMass Teaching Commons is a portal through which faculty may discover the rich set of support services our campus offers from areas such as Office of Faculty Development, the UMass Amherst Libraries, and OIT Academic Computing.

**Joel Upton**  
& **Bridget Dahill**  
*Amherst College*  
**Topic: Cathedral Builder**  
Cathedral Builder is computer-based platform designed to engage students directly in the formal, spatial and visual components of cathedral design and construction while accounting verbally for their particular design choices and the necessary implications of those choices.

**Steve Brewer**  
*Umass Amherst*  
**Topic: Hidden Tech**  
Hidden-Tech, Inc. is dedicated to improving the economic prospects and quality of life for technology-enabled entrepreneurs, solopreneurs, and small business owners throughout Western Massachusetts and nearby regions.

**Matthew Mattingly**  
*Umass Amherst*  
**Gigapan**  
GigaPan is the newest development of the Global Connection Project, which aims to help us meet our neighbors across the globe, and learn about our planet itself. GigaPan will help bring distant communities and peoples together through images that have so much detail that they are, themselves, the objects of exploration, discovery and wonder.

**Brian Ogilivie**  
*UMass Amherst*  
**Digital Humanities Initiative**  
The College of Humanities and Fine Arts is offering seed grants to help faculty develop and launch research projects in the Digital Humanities.
Elisa Lanzi is a visual arts information specialist working with image archives, museums, and digital libraries. Her focus is digital practice and policy. As Director of the Imaging Center at Smith College she is involved in building digital repositories and implementing tools for teaching and learning. Her commitment to sharable metadata resulted in the Cataloging Cultural Objects: A Guide to Describing Works and their Images (CCO) project and publication.

Lanzi's current interests are with preservation and copyright. She is chair of the Five Colleges Intellectual Property Policies for Shared Media Committee and she serves on the new Five Colleges Digital Preservation Task Force. Lanzi holds a Masters in Library Science from the University at Albany; her undergraduate work is in English and Art.

Jay Schafer has been a member of the UMass Amherst community for the past ten years and has been Director of Libraries since 2004. He earned his degree in librarianship from the University of Denver and has served in library administrative positions at a number of institutions including the University of Colorado at Denver. Jay combines his expertise in library collection building, resource sharing, and facilities space planning with a deep dedication to providing innovative, high quality service to library users. The Learning Commons in the W.E.B. Du Bois Library is one successful example of his belief that libraries must evolve to meet the needs of today's students while maintaining the high standards expected of a nationally ranked research library.
Special Thanks to:

UMass Amherst Provost: James V. Starvos

UMass Amherst Deans

School of Public Health and Health Sciences - Aelion, C. Marjorie
Commonwealth College - Clarkson, Priscilla-
College of Engineering - Djaferis, Dr. Theodore
College of Social and Behavioral Sciences - Feldman, Robert
Isenbeng School of Management - Fuller, Mark
College of Natural Sciences - Goodwin, Steve
College of Humanities and Fine Arts - Hayes, Julie
School of Education - McCormick, Christine
School of Nursing - Swinney, Jean E.

5 College Inc. & Neal Abraham, Executive Director

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UMass Amherst Library

Galvis-Assmus, Patricia
UMass Amherst
IT Program Director

Perlbinder, Lisa
UMass-University Relations

Staros, James V.
UMass Amherst Provost

Schoen, Jerry
Mass. Water Watch Partnership Director

Spencer, Dennis
UMass Amherst IT Program
Admin. Assistant

Stoia, Nikki
Associate Dean, CHFA Professor,
Music Dept.

Toyofuku, Maria
5 Colleges Inc, Director of IT

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Hess, Traci

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Moll, Robert
Moss, Shaoping
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Schoen, Jerry

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Further Thanks to:

Payne, Scott
Amherst College

Andy Anderson
Amherst College

Laughner, Tom
Smith College

Crowely, Mike
Mt. Holyoke College

Shaoping Moss
Mt. Holyoke College

Thom Long
Hampshire College
UMass IT Program

The Information Technology Program, housed within the Provost Office is charged with nurturing Information Technology Across the Disciplines. The IT Program supports collaborative working among the schools and colleges and maintains the Campus-wide IT Minor which is available to all UMass Amherst students.

Contact
Phone: 413-545-6242
E-mail: itprogram@provost.umass.edu

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151 Presidents Drive, Room 358
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Amherst
Amherst, MA 01003

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Labrecque, Lauren
Learned-Miller, Erik
Lehnert, Wendy
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Nawalkha, Sanjay
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Owens, Larry
Pulver, Larry
Randhir, Timothy
Retz, Rosanne
Schreyer, Alexander
Schweik, Charles
Sherman, Mila
Shmerling, Dror
Sullivan, Florence
Tessier, Russell
Vandal, Dennis
Vets, William
Viera, Evan
Wang, Rui
Woolf, Beverly
Xu, Min
Yu, Qian
Zheng, Kaimei
UMass Amherst
IT Program Course Listing

• 3-D Animation/Modeling and Digital Editing (CmpSci)
• Advanced Software Professional Writing (English)
• Advanced Topics in CAD (BMATWT)
• Bioinformatics Lab (Biology)
• Business Applications of Computers (Accounting)
• Character Animation (Art)
• Computer Animation II (Art)
• Computer Literacy (CmpSci)
• Computing: Foundations to Frontiers (Res-Econ)
• Conflict and Cyberspace: Online Dispute Resolution (Legal)
• Contemporary Legal and Ethical Issues in Cyberspace HT-Mgt)
• Data Structures & Algorithms (E&G-Eng)
• Digital Imaging: Time Based (Art)
• Digital Journalism (Journalism)
• Digital Media: Print Making (Art)
• Digital Media: Still Image (Art)
• Direct Marketing (Marketing)
• Economic Issues of Contemporary IT (Res-Econ)
• Ecosystem Modeling and Simulation (WFCON)
• Educational Video Production (Education)
• Fundamentals of Graphic Communication (CmpSci)
• Geographic Information Systems (NRC)
• History Western Sci & Tech II (History)
• Information Design (Art)
• Information Technology in Finance (FinOpMgt)
• Interactive Web Animation (CmpSci)
• Internet Business Design and Development (Sch-Mgmt 597G)
• Internet Marketing (Marketing)
• Internet Technology fore-Business (SOM)
• Intro to Business Information Systems (SOM)
• Intro to CAD in Construction/Archit (BMATWT)
• Intro to E&C II (E&C-Eng)
• Intro to PGMG (CmpSci)
• Intro To Problem Solving with Computers (CmpSci)
• Introduction to Computer Animation (Art)
• Introduction to Computing in the Fine Arts (Art)
• Introduction to Healthcare Informatics (Nursing)
• Introduction to Java II (CmpSci)
• Introduction to Programming (Python) (CmpSci)
• Introduction to Remote Sensing (Geo-Sci)
• Introduction to Spatial Information Technology (NRC)
• Law and the World Wide Web (Legal)
• Media History and Communication Policy (Comm)
• Media Motion & Graphics (Art)
• MIDI Studio Techniques (Music)
• Multidisciplinary Info Tech Community Service Capstone (Honors)
• New Media Tech & Soc Chng (History)
• Our Networked World (CmpSci)
• Problem Solving with the Internet (CmpSci)
• Programming with Data Structures (CmpSci)
• Reporting for Podcasting and Radio (Journalism)
• Representing, Storing & Retrieving Information (CmpSci)
• Systems Analysis and Design
• Travel Writing and Photojournalism (Journalism)
• Usability in Human-Computer Interactions (CmpSci)
• Wired Reporting (Journalism)