The Westport Library...

In collaboration with Connecticut Library Consortium

MakerSpace 3.0 Retinkering Libraries

Sept. 24-26, 2015
The Westport Library

This project was made possible by a grant from the Institute of Museum and Library Services. Grant #: LG-07-13-0332-13
MakerSpace 3.0: Retinkering Libraries

MakerSpaces serve as engaging environments to attract new audiences. They are evolving to meet the needs of their communities and they are taking many forms. This 2-3 day gathering will provide participants insights into some new directions for libraries and provide opportunities for discussions relevant to your libraries, hands-on learning and meeting makers.

The Forum will be held in the McManus Room of the Westport Library at 20 Jesup Rd., Westport, CT. Workshops will be held throughout the library. (Phone: 203.291.4800) Please arrive on time.

If you have no problem walking, please park behind the Police Station next to the Library or in the Imperial Parking Lot. The Westport Farmers Market is in the Imperial Lot on Thursday, so there will be much less room that day. There is a foot bridge between the Imperial Lot and the Library parking area. PLEASE DO NOT PARK IN THE JESUP LOT adjacent to the lower level entrance to the library. That lot has a two hour time limit and the police do ticket!

Here are directions to the Imperial Parking Lot, 44 Imperial Ave.: http://bit.ly/44imperial
Here are directions to the Police Station, 50 Jesup Rd.: http://bit.ly/50Jesup

Many workshops require a laptop rather than a tablet. You will receive an email asking you to load software if a laptop is required in your workshops. If you are unable to bring a laptop you will share with someone else in your group, but having your own laptop will provide a better experience for some workshops. Your final workshop schedule has been determined from your choices provided during registration and will be given to you at registration.

A warm welcome from Executive Director Bill Harmer!
AGENDA
(See BiOs later in the program.)

THURSDAY, Sept. 24

8:30am  Coffee and...
9:00-9:05am Welcome from Bill Harmer, Executive Director - Westport Library
9:05-9:20am Bill Derry, overview and introductions
9:20-10:30am Keynote - David Lankes, professor Syracuse University
10:30am  BREAK
10:45am  Panel - EDUCATION, and how it is impacting the role of libraries.
         Dr. Mary Brown, Dr. David Loertscher, Mark Mathias (via Skype), Dr. Pam Moran (via Skype), Aimee Shuhart. Bill Derry, Moderator.
11:45am  LUNCH
12:30pm  Hands on Workshops/Conversation Breakout sessions
         Two one-hour breakout sessions or one two-hour hands-on workshop.
         (See list of workshops and map for locations)
2:30pm  BREAK
2:45pm  Maker Showcase
         Talk with Makers-in-Residence, entrepreneurs and Jeff Burchard of AECT to investigate possibilities for your library.
4:00pm  Panel - IMAGINATION, and how it is impacting the role of libraries.
         Tim Carrigan, Jeanine Esposito, Kerstin Rao. Roger Levien, Moderator.
5:00-5:15pm  Wrap up

FRIDAY: Sept. 25

8:30am  Breakfast
9:00am  Panel - ECONOMIC DEVELOPMENT, and how it is impacting the role of libraries.
         Margie Freilich-Den, Janis Collins, Mike Kaltschnee. Dawn LaValle, Moderator.
10:00am  BREAK
10:15-12:15pm Hands on/Conversation Breakout sessions
         Two one-hour breakout sessions or one two-hour hands-on workshop.
         (See list of workshops and map for locations)
12:15pm  LUNCH
1:15pm  Westport MakerSpace Findings - Bill Derry, AnnMarie Davis
         QUESTIONS - DISCUSSION
2:15pm  BREAK
2:30-3:30pm  Panel - CUSTOMIZING MAKING. How libraries are responding to creating opportunities for participatory learning.
             Jennifer Keohane, Director of the Connecticut Library Consortium will lead a panel which will discuss their progress in creating new participatory learning spaces for their communities. Christine Angeli, Dr. Christina Baum, Janet Flewelling, Abbe Waldron.
3:30-4:00pm  Wrap Up - Discussion

SATURDAY: Sept. 26 Optional Trip to the NY World Maker Faire

8:30am  Meet in the Imperial Parking Lot behind the library (44 Imperial Ave.) to board the MAKER BUS.
5:00pm  Meet on the bus at Citifield. Must catch a bus from the MakerFaire to Citifield.
         (Should leave 25-30 minutes for this.)
KEYNOTE SPEAKER

Dr. R. David Lankes

R. David Lankes is a professor and Dean’s Scholar for the New Librarianship at Syracuse University’s School of Information Studies and Director of the Information Institute of Syracuse. Lankes is a passionate advocate for libraries and their essential role in today’s society. He also seeks to understand how information approaches and technologies can be used to transform industries. His book "The Atlas of New Librarianship," co-published by the Association of College & Research Libraries, a division of the American Library Association, and MIT Press, won the 2012 ABC-CLIO/Greenwood Award for the Best Book in Library Literature.

PANELISTS/PRESENTERS

Christine Angeli

Christine has been the Director of the Milford Public Library since 2013. Prior to that she was the Head of Circulation Services at the Russell Library (Middletown), and worked in Youth Service positions at the Madison, Waterford and West Hartford Libraries. Chris has been an active member of the CT Library Association, serving as Young Adult Section Chair, Region 5 Representative, 2014 Conference Co-Chair, and most currently, Procedures Chair. She is 2013 alumni of the New England Library Leadership Symposium.

Customizing Making Panelist

Dr. Christina Baum

Christina is Director of Library Services, Hilton C. Buley Library at Southern Connecticut State University where they have just incorporated a MakerSpace area into the complete remodel of the library that opened in March 2015. This space is called the OWL Lab which will be used in collaboration with the STEM Makerspace Area on campus to best serve needs of students. Christina is currently serving as Co-Chair of the CSCU Implementation Committee for the New Automation System and on the Information and Library Science Advisory Board.

Customizing Making Panelist

Dr. Mary E. Brown

Mary Brown, a tenured professor at Southern Connecticut State University in New Haven, Connecticut, has a longstanding interest in informal learning situations, from design and construction of exploratory kits in music for elementary school-aged children to use of exhibits in libraries, covered in her book, Exhibits in Libraries: A Practical Guide, 2006 McFarland. Currently, she is in the School of Arts and Sciences at Southern, researching opportunities in the digital humanities and developing new courses.

Education Panelist
**Tim Carrigan**

Since 2007, Tim Carrigan has held positions of progressive responsibility at the Institute of Museum and Library Services, a federal grantmaking agency whose mission is to inspire libraries and museums to advance innovation, lifelong learning, and cultural/civic engagement. He currently serves as a Senior Program Officer whose portfolio focuses on learning in libraries.

*Imagination Panelist*

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**Janis Collins**

Janis has been helping companies innovate, create and quickly launch new businesses for more than 25 years. As an Entrepreneur in Residence for CTNext and the Stamford Innovation Center, Janis mentors and advises early stage ventures. She is also the Co-Founder of *The Refinery*, an accelerator transforming women-led startups in Connecticut into scalable businesses. She started and leads a women’s entrepreneur forum, Founder’s Connect, to help provide women entrepreneurs of Fairfield County more access to capital, networks and knowledge.

*Economic Development Panel and Maker Showcase*

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**Bill Derry**

Bill Derry is the Director of Innovation at the Westport Library. He has been the co-chair of the Westport Mini Maker Faire for four years and one of the leaders of the creation of the Library’s MakerSpace. Bill is working with several public libraries and school districts to support their creation of MakerSpaces. Prior to joining the Library in 2011, Bill worked in education for over 30 years as an elementary classroom teacher, drama-in-education teacher, library media specialist, supervisor of library media K-12 and information and technology literacy coordinator K-12.

*Education Panel Moderator/ Presenter MakerSpace Findings*

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**Jeanine Esposito**

Jeanine is an Innovation expert, artist and an innovator in business, education and the arts. She spent 25 years bringing innovation to Fortune 500 companies before creating Innovation Builders. Through IB’s “ExciteLearning” program she helps bring Collaboration, Innovation-Thinking and Entrepreneurship tools to all who need to build these critical 21st Century skills including Libraries, Schools, Cultural Arts and other non-profits for their collaborative/communal programs, curriculum and Makerspaces. Jeanine was also a Maker-in-Residence at WL introducing interactive “Innovation Stations for Design Thinking.”

*Imagination Panelist and Maker Showcase*
Janet Flewelling

Janet Flewelling is the Head of Emerging Technologies and Branch Operations at Wallingford Public Library. She will manage the library's Collaboratory, a 2,400 square foot makerspace, anticipated to open in summer 2016.

*Customizing Making Panelist*

Marjorie Freilich-Den

Marjorie is the Business Librarian at the Westport Library where she runs business programs and helps entrepreneurs, grantseekers, jobseekers, and small business owners with their research ideas and goals. She holds a Master of Science in Library Services and a Master of Arts in Musicology. She was the chairperson of the Library’s MakerSpace Committee, wrote the Music Blog and served on the Greenwood Press Library Advisory Board.

*Economic Development Panelist*

Mike Kaltschnee

Mike Kaltschnee is a Danbury entrepreneur and co-founder of the Danbury Hackerspace at the Danbury Public Library and producer of the Danbury Mini Maker Faire. He's had three successful tech startups, is currently CEO of Briki Media (publishing startup) and has been in technology for 30 years. He's a father of 2, husband of 25 years, and sits on several local boards.

*Economic Development Panelist*

Jennifer Keohane

Jennifer is the Executive Director of the Connecticut Library Consortium. Jennifer’s circuitous career has brought her to a perfect place where management, marketing, entrepreneurial and front-line public library experiences meld to help her bring new vision, business strategy, customer insight and creativity to The Connecticut Library Consortium which serves over 815 libraries of all types and sizes in Connecticut. In 2011, Jennifer was a recipient of the I Love My Librarian Award.

*Customizing Making Panel Moderator*
Dawn LaValle

Dawn is Director of the Connecticut State Library Division of Library Development (DLD) and the 2014-2015 President of the Connecticut Library Association. Through the DLD, Dawn provides consulting, funding, education, professional development and statewide services that enhance Connecticut libraries ability to deliver high-quality library service to their community. Her unconventional career path led Dawn from her service as a United States Marine, through corporate America, education and ultimately back to public service as a librarian for the past 13 years.

Economic Development Panel Moderator

Dr. Roger E. Levien

Dr. Levien’s career has been devoted to assisting public and private decision makers in understanding and choosing among the strategic alternatives they face, especially those driven by technological development. From 2008 through 2011, he was a fellow of the Office for Information Technology Policy of the American Library Association, working on the America’s Libraries for the 21st Century Program. He is President of Strategy and Innovation Consulting, where he assists the leaders of private and public organizations in developing strategic direction.

Imagination Panel Moderator

Dr. David V. Loertscher

Loertscher has been a school library media specialist in Nevada and Idaho at both the elementary and secondary school levels. He is presently a professor at the School of Library and Information Science at San Jose State University. He served as head of the editorial department at Libraries Unlimited and is President of Hi Willow Research & Publishing. His blog, School Libraries, runs commentary about research studies, articles, professional reviews about the role and impact of school libraries on teaching and learning.

Education Panelist

Mark H. Mathias

Mark Mathias, a 30-plus year veteran of information technology and a resident of Westport, Connecticut, was named to Computerworld’s inaugural list of “Premier 100 IT Leaders.” He currently is a member of the Westport Board of Education, Founder and President of Remarkable STEAM, Founder and Co-Chair of Westport Mini Maker Faire, and tech enthusiast. Mark is a columnist for the Westport News.

Education Panelist
Dr. Pamela R. Moran

As Superintendent of Albemarle County Public Schools since January 2006, Dr. Moran has improved her student graduation rate to 93% and the student AP Test results are now ranked by the College Board in the top three percent of all school divisions. Dr. Moran has long had a commitment to providing broad-based and innovative learning opportunities for students. She is a leading advocate of Learning Spaces, an educational model that emphasizes project-based-learning in non-traditional settings and promotes collaboration, analytical and critical thinking, and communications proficiency among teams of students.

Education Panelist

Kerstin Rao

Kerstin has been encouraging creativity and innovation in children for more than 25 years. She currently teaches middle school in Westport, is an artist, and is an improv comedian. Kerstin is a Maker Workshop instructor for two global movements *The Imagination Foundation* and *Level Up Village “Global Inventors,”* a course that combines computer aided design (CAD) with 3D printing to create an invention that will change people’s lives for the better. She is also a member of the Westport Mini Maker Faire Committee and the Library's IMLS Grant Advisory Board.

Imagination Panelist

Aimee Shuhart

A Connecticut Library Media Specialist, Aimee has championed the Cardboard Challenge where students combined problem solving, perseverance and collaboration among skills acquired to develop a cardboard creation that could “do something.” In celebration of Connecticut’s Nutmeg Books Aimee has also planned and managed a Book Bowl where teams of up to five 5th grade students answer questions about the 10 Nutmeg Books in front of a large audience.

Education Panelist

Abbe Waldron

Abbe Waldron is the Library Media Specialist and Chief Academic Officer at Wamogo Regional High School in Litchfield. The Wamogo Makerspace opened in the Fall of 2014. Abbe collaborates with students and staff to make it an inclusive community space where students can explore, design and create.

Customizing Making Panelist
WORKSHOP PRESENTERS

Mike Altis

Mike has volunteered at the Westport Library MakerSpace and Mini Maker Faire since 2012, the year of their inception. He trains people on the 3D printers and is the “go-to” 3D printer repair person. He designs in SketchUp, OpenSCAD, and TinkerCad and has printed his 3D objects, many of which are in use at the library’s MakerSpace and Learning & Discovery Center. Mike has a BS in Computer Science and has worked as a website developer and user-interface designer.

Karen Bruce

Karen is the Materials Management Team Leader & Children’s Services Associate at the Westport Library. With an undergrad degree in Puppet Arts, she offers a variety of puppet workshops and programs, such as puppet playtime for preschoolers, building and performing shadow puppets, puppet manipulation and puppet building. In addition, Karen conducts workshops with children, tweens & teens on various topics ranging from beginning e-textiles to hand sewing to Lego simple machines. In addition, she runs our Materials Management department.

Thomas Bruno

Associate Director for Resource Sharing and Reserves Access Services - Sterling Memorial Library / Bass: Resource Sharing and Reserves, and author of over a dozen books, Tom has been writing ever since he learned to read. A librarian at Yale University, Tom lives in Milford, Connecticut with his wife, daughter, and baby boy. When he’s not writing, working, or riding the train back and forth to New Haven, Tom enjoys fishing, cooking, hiking, and playing Skee-Ball (aka The Greatest Sport of All Time).

Josh Burker

Josh has been teaching for over 16 years and is a STEM instructor. He also creates and leads Maker workshops (Creator of Learning & Discovery Experiences), exploring the intersection of technology and crafting. Josh spent a month as a Maker- in- Residence at WL creating cardboard musical instruments for anyone age 8 & up that work with a Makey Makey kit, Scratch, and a laptop. His book The Invent To Learn Guide to Fun features an assortment of insanely clever classroom-tested "maker" projects for learners of all ages.
Alex Giannini

Alex is the Manager of Digital Experience at the Westport Library and has been actively involved in the introduction of two Aldebaran Nao robots and the teaching of programming the robots. He previously worked for the World Wrestling Federation in their media department and is the author of the illustrated children’s book, *Sarah Faire and the House at the End of the World*.

Vladimir Mariano

Vladimir is Cofounder and president of Fairfield County Makers’ Guild. A product of the Maker Movement, FCMG’s mission is to establish a vibrant community of makers, inventors, tinkerers, hobbyists, and artists and a culture of learning and sharing with one another. As part of the IMLS grant Vlad has conducted workshops at the Westport Library and the 2014 Summer Institute - “MakerSpace 2.0: Retinkering Libraries.”

Joseph Schott

Joseph was Westport Library's first Maker-in-Residence and designer/builder of it’s MakerSpace structure. He is a teacher of 3-D projects at King Low Heywood Thomas School in Stamford, CT. Schott holds a Masters in Architecture and was Adjunct Assistant Professor at the University of Illinois. He has recently conducted several TinkerShop programs at the Westport Library, served as a Maker-in- Residence at Eagle Hill School and is a recipient of a Connecticut AIA Drawing Award.

Jaina Shaw

Jaina has been the Teen Services Librarian at The Westport Library since 2006, has served on YALSA’s Makerspace Taskforce and was the chair of YALSA’s Teen Tech Week. She has facilitated many successful Maker workshops with teens, including a LEGO robotics club, a series of “Maker Mondays” programs, and several programs featuring sewn circuits. She was also instrumental in building the Fairfield County Minecraft Server. Jaina holds a MLIS from St. Catherine University in St. Paul, Minnesota.

Balam Soto

Internationally acclaimed new media artist and maker, Balam Soto, has exhibited in fine art venues worldwide and has received numerous awards, including “Editor’s Choice” from the World Maker Faire held at the New York Hall of Science Museum. He offers workshops and residencies that integrate technology with a creative process. Balam is the owner of Balam Soto Studio and co-owner of Open Wire lab, both located in Hartford, Connecticut. More info: Balam.io & OpenWireLab.com
MAKER SHOWCASE

Josh Burker - "see Workshop Presenter"

Chris Crowe

A self-taught artist from the backwoods of Maryland, Christopher recently opened his own custom sculpting business in the form of Crowes Creations, and has branched off into teaching and appearing as a Maker for programs at the Westport Library.

Jeanine Esposito - "see Workshop Presenter"

Alec Foege

Alec is the author of four books, including 2013’s *The Tinkerers: The Amateurs, DIYers and Inventors Who Make America Great* (Basic Books, Jan. 2013). The Westport resident spent more than 15 years as a journalist and editor before founding Brookside Research LLC, which conducts customized primary research for top-tier hedge funds, mutual fund groups, venture capital firms, and corporate investigative firms. Alec holds a B.A. in English Literature from Columbia College of Columbia University.

Orlando Fonseca & Zoe Nunez

During the day, Orlando is a Financial Controller and Zoe is a Research Coordinator. At night, they like to work on projects and solve problems in creative ways. Entering their third year, Orlando & Zoe are members of the Westport Mini Maker Faire Planning Committee.

John Matchak

Experienced carpenter John and his Norwalk Woodworkers Club were the first VIRTUAL Makers-in-Residence at the Westport Library. We tuned in daily at noon on the MakerSpace monitor to see the creation of furniture for new MakerSpace Innovation Stations, which focused on design thinking. He has also been a member of the Westport Mini Maker Faire organizing committee and supported the MakerSpace in many ways!
The Refinery - Co-Founders Janis Collins and Jennifer Gabler
“see Workshop Presenter”

Participants from women-led companies learn about key areas of business development. Teams are paired with mentors and domain experts who guide them through this process. The process ends with a “pitch night” during which participants present their company to the entrepreneurial community, seeking investors for funding and competing for cash awards.

Bill Rogers

Bill first worked as a carpenter while living in Colorado after moving there to finish school. During many years working in Telecommunications there were always woodworking projects on the side. Bill focuses on creating quality furniture pieces. He is an instructor at the Woodworkers Club and has supported the Westport Library’s MakerSpace in many ways, including building mobile workstations.

Scott Rownin

Scott, an inventor and entrepreneur from Westport, CT founded SafeRide in early 2012. He developed a technology to prevent the use of a cell phone while driving. The device mutes the audio on your phone and disables the touchscreen and all of the buttons while you drive your car. Scott witnessed transformations in the Westport Library MakerSpace where he developed early prototypes of his product. (photo by Paul Schott)

Joseph Schott - "see Workshop Presenter"

Melissa Slattery

Melissa is an award-winning artist, graphic designer and teacher. She currently teaches an interdisciplinary studies course at Norwalk Community College that explores and correlates diverse models of creativity, art history, fine art disciplines and critical theory. She is a noted book artist, who has exhibited and curated shows in the San Francisco Bay area, New York City, Arizona and Connecticut. Melissa was also a Maker-in-Residence at the Westport Library leading a Collaborative Book-Art workshop using collage techniques to create an accordion-style book inspired by My Life in France by Julia Child.

Balam Soto - "see Workshop Presenter"
SPECIAL THANKS

The majority of “The MakerSpace 3.0: Retinkering Libraries Forum” will be streamed live through the services of AEO Consortium, with Anne DuBois, founder and CEO.

THURSDAY, September 24, 2015
https://livestream.com/StreamYourDreamLIVE/ForumPt1

FRIDAY, September 25, 2015
https://livestream.com/StreamYourDreamLIVE/ForumPt2

Special Thanks to AET LABS in Massachusetts for their support of the Westport Library MakerSpace and Westport Mini Maker Faire. We purchased the Stratasys uPRINT printer from them and today they have brought a laser cutter for us to see.
239 Western Avenue Essex, MA 01929
Phone: 888.768.4550 Fax: 978.768.4553
info@aetlabs.com

AND SPECIAL THANKS TO GLEN BARDINELLI, CINDY CLARK, DEMAS BELLO, JULE BONINGTON, MARCIA LOGAN, MARGARET PASTEL, ROBIN POWELL, BONNIE ROSENBERG, KELLE RUDEN, HELI STAGG, MARYSUE WATERMAN AND MANY OTHER STAFF MEMBERS AT THE WESTPORT LIBRARY NOT LISTED IN THIS PROGRAM WHO WORKED TO MAKE THIS FORUM POSSIBLE!

ADDITIONAL RESOURCES - http://westportlibrary.org/maker-links
CONTACT INFORMATION

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Abbe Waldron - email: awaldron@rsd6.org  phone: 860-567-7410 x130
## Breakout Session Name

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