University Libraries

Research & Instructional Services Department

Annual Report: 2012-2013

SUPPORTINHG THE UNIVERSITY IN STRATEGIC DOMAINS:

LEARNING

Instruction and Outreach

Library instruction and information literacy continues to be central in the fulfillment of the Libraries mission to the University. Therefore, the Research and Instructional Services department has continued to enhance instruction through such efforts as integration of innovative technology in instruction, as well as integration of assessment to garner feedback on the usefulness of instruction provided.

With the ongoing efforts of the University QEP's First Year Experience Program that emphasizes inquiry skills, which are synonymous with information literacy skills, the RIS department contributed to the development of several of the FYE courses within the Colleges.

The following are the instructive sessions provided by the University Libraries, with the corresponding number of participants reached during the 2012-2013 review period:

Session	2012-2013	
	No. of Sessions	No. of Participants
Classes	670	13,305
Presentations	9	130
Tours	59	1,041

In addition, GRAD 5124, the 1-credit information literacy course offered to graduate students through University Libraries, represents an optional, completely online course for most graduate students. All first-semester graduate students in the Department of English are required to take this course. During the 2012-2013 year, 7 total sections of this course was taught in the following disciplines, reaching a total of 41 unique students.

Discipline	Sections Offered	Student Enrollment
Agriculture/Life Science	1 in Fall 2012	4
Education	1 in Fall 2012	3
Engineering/Physical Science	1 in Fall 2012	11
English	2 in Fall 2012	19
Finance and Business, Apparel Housing and Resource Management	1 in Fall 2012	0
Human Nutrition, Foods and Exercise	1 in Fall 2012	2
Planning, Governance, & Global	1 in Fall 2012	2

RIS Instruction Statistics 2012 – 2013

Name	Classes & # Reached		Presentations & # Reached		Tours & # Reached	
RIS Instructors						
Barb	4	80			2	45
Beagle	29	202				
Cash	18	281				
DeBose	25	519				
Hall T.	18	360			5	80
Henshaw					10	150
Hover					3	34
Kok	65	232				
Krupar	33	1,170	1	20	1	20
Lener	53	1,060				
Lindblad	30	600				
Meier	36	450			7	164
Merrill	45	1,260			4	45
Miller	84	1,540	6	70	4	80
Moorefield-Lang	69	1,262			6	90
Nardine	21	420	2	40	9	180
Obenhaus	19	285			7	138
Pencek	44	1,123				
Tomlin	34	781				
Thompson	23	1,297				
Non-RIS Volunteer Instructors						
Gilmore	2	43				
Hall M.	12	213			1	15
Lawrence	3	67				
Munson	3	60				
TOTAL	670	13,305	9	130	59	1041

The BMVS-5714, Biomedical Literature course, continued to be offered by the veterinary medicine librarian during the 2012 Fall Semester, with an enrollment of 4 students. Student evaluation was 4.67 on a scale of 1-6 with 6 being excellent.

RIS staff and faculty developed and delivered a myriad of FDI sessions aimed at supporting a wide range of learning and research activities across the University

The University Libraries has continued to support the Pathways to Success FYE/QEP through instructional programs. Several RIS Librarians, in collaboration with the FYE Librarian supported the development and delivery of the following FYE courses within their respective colleges and departments:

College/Department	Course Title	Level of Involvement	Students Reached
Biochemistry	Building Connections in Biochemistry	1 session	56
College of Agriculture and Life Sciences	ALS 2984	Online modules, available for group research help	200
Building Construction	BC 1224	1 session	35
School of Architecture + Design	ARCH 1015	2 library sessions	60
College of Urban Affairs and Planning	UAP 1024	1 session – no assignment	7
College of Engineering	ENGR 1054	Online lib guide	200
College of Liberal Arts & Human Sciences	LAHS 1004	3 online modules, mentored 44 small groups through 4 assignments, 8 transfer library sessions	400
College of Natural Resources and Environment	CNRE 1114	Parts of 3 lectures and 1 session, worked with small groups	68
Pamplin College of Business	Leapfrog	1 library session	40
Pamplin College of Business	Quickstart	1 large library session	400
Physics	Thinking Like a Physicist	1 session	50
Psychology	PSYC 2984	3 online modules graded 91 annotated bibliographies	91
Transfer Students in the College of Science	COS	7 library sessions	250
University Studies	UNIV 1004	2 online modules	350

Other accomplishments include enhancement of the instruction infrastructure in the University Libraries:

- The updates made in the last year include:
    - Newman 207A Technology upgrade
        - New wall-mounted touch screen control panel and A/V components all upgraded for HD
    - SCALE UP room opened with 8 70" HD displays, touch-screen control panel and ability to connect to the A/V system from any one of nine locations around the room. RIS

developed the operational guidelines and installation of utilities to enhance the teaching experience in the room

- o 22 new laptops were procured for use in the SCALE UP room to support group activities integral to the SCALE-UP Teaching model. These laptops operate using Windows 8.
- Initial phase in the development of an online learning platform – Lear2Research

- Proctoring services have become one of the sought-after services, as a result of the University's growth in the online learning sector. Over 2,000 discrete proctoring sessions have been completed by RIS personnel at the Blacksburg campus during this review period.

- The NVC Library Resource Center also continued to see an increase in proctoring requests. RIS personnel at the NVC administered over 330 tests this year. Considerable time was involved in answering questions and making arrangements for these written and online tests.

RESEARCH SUPPORT

Reference/Research Support

High quality subject-specific and general reference services to the academic community continue to be provided by the Business, Humanities & Social Sciences, and the SciTech reference teams. Over the past year there was a continuing decline of overall reference questions answered. This trend is common among many libraries as users become more proficient in conducting research independently. We also have observed an increase in virtual consultations between librarians and users, such as use of Skype and other Web 2.0 tools. The department will continue making special efforts to support students and other researchers working in an online environment.

Some highlights of accomplishments that exemplify the Libraries support for research across the disciplines include:

- The Government Information specialist spearheaded efforts through an Association of Southeastern Research Libraries (ASERL) program for Virginia Tech to submit a Memorandum of Understanding to become a Center of Excellence (COE) for the Agricultural Research Service, Superintendent of Documents stem A77. As a COE we are committed to the long   term goal of creating and maintaining a comprehensive collection for the Agricultural Research Service both retrospectively and prospectively, developing subject expertise, and making the collection available to others.
- Co-sponsored and co-planned the Office of Geographic Information Systems and Remote Sensing (OGIS) Symposium held April 19, 2013
- Participation of RIS faculty as a co-principal investigator in the interdisciplinary Digging into Data grant project led by Tom Ewing, Associate Dean in the College of Liberal Arts and Human Sciences
- Initiation of new liaison services to the Institutional Animal Care and Use Committee (IACUC) community
- Support by RIS faculty for State-wide agricultural interests, as an information resource for the Virginia Cooperative Extension and the Agricultural Experiment Station

- Participation of several RIS faculty on Dissertation Committees of graduate students within their liaison departments
- Collaboration of RIS faculty with the Center for Applied Technologies in the Humanities (CATH) to evaluate current digital projects and map future steps for sustainable preservation
- Collaboration with RIS and CDRS in the establishment of the Port: research Commons, envisioned as a consulting space, collaboration space, and 'digital sandbox' for students, faculty, and staff to explore emerging software and digital research praxis.
- Teaching and/or co-teaching of credit courses by RIS faculty in their respective colleges and departments
- Ongoing user support of bibliographic management tools. Currently supported tools include EndNote, Zotero, and Mendeley
- Ongoing user support of statistical software. Currently supported products include SPSS and NVivo
- RIS faculty partnership with the Director of Undergraduate Research, to create and present workshop on effective poster presentations for 11th Annual Undergraduate Research Conference at Virginia Tech

Research support at the A+A Library

The Art + Architecture Library alone saw a total of 57,566 patrons during the 2012-2013 academic year, or an average of 3,915 patrons each month. Library staff carried out approximately 2,397 reference/directional questions this year. Reference questions were maintained in house and also logged in an online survey.

In addition to meeting the information needs of students and faculty, the Art + Architecture Library also responded to numerous queries from community users and individuals, including alumni, across Virginia and outside of the state, including the Washington-Alexandria Architecture Center (WAAC), collectors, and faculty and students from other colleges and universities.

The Library circulated 16,563 items over the course of the year. This figure represents a drop of slightly more than a 9% from the previous year, in line with trends across the University Libraries. It may also be accounted for by extended loan periods that went into effect this year. We received 1,316 ILL/desktop delivery requests.

The Art + Architecture Library sponsored an exhibition of New York graphic designer Rocco Piscatello's complete poster works, as part of a series events leading up to the College of Architecture and Urban Studies' 50th anniversary forthcoming in 2014

Research support and outreach at the Vet Med Library

The following are highlights of research support activities emanating from the Vet Med library over the past year:

- Taking inventory and weeding of the Veterinary Medical Collection in advance of the renovation of the library scheduled for the summer of 2014. 719 items have been withdrawn from the collection.

- Maintained extended hours during exam periods during the Fall 2012 and Spring 2013 Semesters as requested by students. As students had tests immediately after the Thanksgiving and Spring Breaks the Library reopened on the Sundays after these Breaks.
- Due to the Teaching Hospital being opened, the Library remained opened on Dec. 27th through 31th, 2012.
- The Library continued to scan article requests for Inter Library Loan Service and sending them online directly. A total of 770 articles were scanned this reporting period, an increase of 46%.
- The Library continued to participate by sending withdrawn books published in the last 10 years to the Mongolian Book Collection Project.
- The EndNote "Supplemental Materials Manual" consisting of responses to queries from users continued to be compiled as a trouble-shooting tool for EndNote users.
- Provided orientation every summer for MAOP (Multicultural Academic Opportunities Program) students.
- Continued to update Vet Med Journals notebook
- Submitted 2013/2014 Library Budget for Audio Visual equipment service contract to the College of Veterinary Medicine.
- By hosting and moderating VETLIB-L, a listserv for international veterinary medical Libraries (in 27 countries) the Virginia Tech Veterinary Medical Library were able to procure journal articles for faculty and researchers which InterLibrary Services had cancelled either it could not locate in U.S. and Canadian Libraries or are articles that are "pre-print
- The Veterinary Medical Library manages the Reading Room Library in the Equine Medical Center in Leesburg by providing resources and reference service to the faculty and students of the Center. The Veterinary Medicine Librarian visits the Center annually to take inventory of the collection and to conduct workshops. Expenses for the trip is being paid for by the College of Veterinary Medicine.
- The Veterinary Medical Library also provides library services to veterinary alumni across the country. Expenses for this service (sans manpower) is borne by the College of Veterinary Medicine
- In addition, the Veterinary Medical Library also provides library services to the veterinary communities in the States of Maryland, Virginia, West Virginia, and the District of Columbia that do not have veterinary colleges.

A statistical overview of trends at the Vet Med Library

	Current FY.	Previous FY	% Change
Instructional Session:	74	64	(-13.5%)
Reference & Informational Questions:	743	785	(-5.4%)
Reserve Circulation:	1,348	1,474	(-8.7%)
Spec. Materials Circulation:	38	68	(-55.9%)
Shelving	2,613	2,922	(-10.6%)
InterLibrary Loans Filled:	770	526	(31.7%)
New Volumes Added:	218	281	(-22.4%)
Volumes Withdrawn:	2,720	851	(68.7%**)
Library Users:	46,732	43,379	(7.2%)

Research support at the NVC Library Resource Center

This year was the start of a new partnership with Hokie Passport Services. The staff at the NVC Library Resource Center now produce Hokie Passports, the official Virginia Tech identification card for faculty, staff, and students. After the initial sessions and training with Hokie Passport personnel in September, the Library Resource Center established a regular schedule of production. A total of 161 Hokie Passports were produced during this initial year.

The Resource center made formal contact with 281 library users through classes, new student orientation sessions, and appointments. Furthermore, staff at the Resource Center assisted library users with informational and reference questions totaling 3,897 and had a total gate count of 21,900 visits.

The Resource center participated in the National Capital Region's Graduate Education Week with a "Lounge at the Library" session that included light refreshments, fielding questions, and highlighting services and resources available to students. Staff also assisted the NCR's Graduate Student Services Office in preparations for the new student orientations in August and January and commencement in May.

The staff at the Resource Center also created exhibits that commemorated anniversaries of some of the most important events in history: the War of 1812, the Cuban Missile Crisis, and the Emancipation Proclamation. These exhibits helped to highlight the many research materials and methods available through the University Libraries.

Reference services provided 2009-2013:

Location	2009 – 2010		2010-2011		2011-2012		2012-2013		
	Reference	Directional	Reference	Directional	Reference	Directional	Reference	Directional	Other
BHSS Desk	5,676	2,076	4,673	1,699	4,601	2,510	4,105	1,353	583
SCITECH Desk	3,333	2,620	2,904	3,623	2,358	3, 529	1,460	1,686	290
Tower Desk [Now closed]	680	1,911	587	1,876	197	986	29	32	36
Microforms	N/A	N/A	297	232	222	44	64	180	N/A
LiveRef (chat reference)	1,928	N/A	3,275	N/A	3,219	N/A	2495	N/A	N/A
Live Texts (New Service					66	N/A	0	N/A	N/A
UskUs (email component of LiveRef received when library is closed) & **Personal emails to Librarians**	1,559	N/A	1, 814	N/A	1,760	N/A	540	N\A	N\A
Off-Desk	923	397	2, 035	430	266	324	323	227	1,150 (Email/Skype)
A&A Desk	569	1,613	1,483	2,898	1,755	3,666	573	226	N/A
Vet Med Desk	325	754	263	568	257	535	242	501	N/A
NCR Desk	1,830	4,939	1,206	5,635	1,137	5,429	382	1,844	1,038
TOTAL	16, 823	14,310	18,537	16,961	15,838	17,023	10,213	6,049	5,156

PUBLICATIONS PRESENTATIONS AND OTHER SCHOLARLY WORK OF
FACULTY AND STAFF OF THE
RESEARCH & INSTRUCTIONAL SERVICES DEPARTMENT

BARB, Christopher

Barb, C., Gilmore, T., Hall, M., Hall, T., Henshaw, N., Lawrence, A., Meier, C., Miller, R., Moyo, L., Munson, J., Ogier, A., & Thum, S. (2013, February). *Developing teaching proficiencies for new instructors through learning community*. Poster presented at the Conference on Higher Education Pedagogy, Blacksburg, Virginia.

Miller, R.K., Barb, C., Hall, T.M., (2013, May). *Library's got talent: New library instructors discover their talent*. Presentation at 41st Annual LOEX National Conference, 2013, Nashville, TN.

GOLDBECK, Kyrille

Goldbeck-DeBose, K.K. (2013). [Review of the book *The last atoll: Exploring Hawai'i's endangered ecosystems*, by Frierson, P.]. *Choice: Current Reviews For Academic Libraries, 50*(8), p. 1458.

Goldbeck-DeBose, K. (2013). [Review of the book *The new horse-powered farm: Tools and systems for the small-scale, sustainable market grower*, by Leslie, S. & Miller, L.]. *Library Journal, 138*(6), p. 96.

Goldbeck-DeBose, K. (2012). [Review of the book *Phantoms of the prairie: The return of cougars to the midwest*, by Laundré, J.W.]. *Choice: Current Reviews For Academic Libraries, 50*(3), p. 510.

Goldbeck-DeBose, K. K. (2012). [Review of the book *The value of species*, by McCord, E.L.]. *Choice: Current Reviews for Academic Libraries, 50*(2), p. 304.

Goldbeck DeBose, K. (2012). [Review of the book *Pot farm*, by Frank, M.G.]. Library Journal, *137*(10), p. 118.

Goldbeck-DeBose, K. K. (2012). [Review of the book *Deer: The animal answer guide*, by Feldhamer, G.A. and McShea, W.J.]. *Choice: Current Reviews for Academic Libraries, 49*(11), p. 2089-2090.

Goldbeck-DeBose, K. (2012). [Review of the book *American canopy: Trees, forests, and the making of a nation*, by Rutkow, E.]. *Library Journal, 137*(9), p. 99.

HALL, Tracy

Miller, R.K., Barb, C., & Hall, T.M., (2013, May). *Library's got talent: New library instructors discover their talent*. Presentation at 41st Annual LOEX National Conference, Nashville, TN.

Hall, T.M., & Hall, M. (2013, May). *Promoting academic library services: Simple and inexpensive ideas and models*. Presentation at the 2013 Virginia Library Association Paraprofessional Forum, Richmond, VA.

Miller, R.K., & Hall, T.M., (2013, May). *You had me at hello: Developing meaningful professional connections*. (Invited). Presentation at the 2013 Virginia Library Association Paraprofessional Forum, Richmond, VA.

Hall, M., & Hall, T.M., (2013, April). *Changing perspective by providing the unexpected*. Poster presentation at the Association of College & Research Libraries National Conference, Indianapolis, IN.

Barb, C., Gilmore, T., Hall, T.M., Hall, M., Henshaw, N., Lawrence, A., Meier, C., Miller, R.K, Moyo, L., Munson, J., Ogier, A., & Thum, S. (2013, February) *Developing teacher proficiencies for new instructors through a learning community*. Poster presentation at 5th Annual Conference on Higher Education Pedagogy, Blacksburg, VA.

Hall, T.M. (2012). Professional development and Louisiana library association new member round table. *Louisiana Libraries, 75(1)*.

Miller, R.K., & Hall, T.M., (2012, October). *You had me at hello: Developing meaningful professional connections*. Presentation at the 2012 Virginia Library Association, Williamsburg, VA.

KRUPAR, Ellen

Barrett, J. & Krupar, E. (2012, May) *Dodging dangerous patrons.* Presentation at annual meeting of VLA-PF, Richmond, VA.

Krupar, E. (2013, April) *Library security in an unsecure world*. Presentation at annual staff training day for Montgomery Floyd Regional Library System.

LINDBLAD, Purdom

Lindblad, P. (2013, July). *Building Port: Research Commons*. Poster session presented at the annual Digital Humanities 2013 conference, Lincoln, NE.

Miller, R. K., Goldbeck DeBose, K., Hall, N., Lindblad, P., Scripa, A., Speer, J., and Young, P. (2013). Promoting universal knowledge for all: Open Access Week 2012 at Virginia Tech. *Virginia Libraries, 59*(2), 31-35.

Miller, R. K., Stovall, C., & Lindblad, P. (2012, October 25). *Situating a credit-bearing research skills class in the english curriculum.* Poster presentation at the VLACRL Conference-within-a-Conference held during the 2012 Virginia Library Association Annual Conference, Williamsburg, VA.

MERRILL, Margaret

Merrill, M. C. & Reddy, D.E. (2013). Agriculture and climate change and libraries. Paper presented for the Social Issues and Rural Information Interest Group at the USAIN conference.

MILLER, Rebecca

Akbar-Williams, T., Kelley, J., Knoch, J., and Miller, R. K. (2013, June). *Bringing the Immersion program back home.* Panelist at the 2013 American Library Association Annual Conference, Chicago, IL.

Anderson, M., Hurst, E., and Miller, R. K. (2013, June). *There's an app for that! The use of mobile devices, apps, and resources for health and sci-tech librarians and their users.* Invited panelist at the 2013 American Library Association Annual Conference, Chicago, IL.

Breeding, M., Freeman, D., Griffey, J., and Miller, R. K. (2013, June). *ALA 2013 conference preview.* Invited panelist for American Libraries Live, Episode Seven, an online series developed and supported through ALA TechSource.

Miller, R. K. and Meier, C. (2013, June). *Teaching with tablets.* Invited workshop facilitated for librarians and staff at Belk Library at Appalachian State University, Boone, NC.

Miller, R. K. and Flinchum, N. (2013, May). *Selecting and using technology tools for collaborative projects.* Invited presentation at the 2013 Virginia Library Association Paraprofessional Forum Conference, Richmond, VA.

Meier, C., Munson, J., and Miller, R. K. (2013, May). *The time is now, the need is now: A teaching boot camp for new library instructors.* Presentation at the Workshop for Instruction in Library Use (WILU) 2013, Fredericton, New Brunswick, Canada.

Miller, R. K., Barb, C., and Hall, T. (2013, May). *Library's got talent! New library instructors discover their voices.* Presentation at LOEX 2013, Nashville, TN.

Herzog, A., Jackson, J., Miller, R., Palmer, M., Symons, D., and Wilson, A. (2013, April). *Braving the new world: What do online library educators need to know?* Virtual webcast presentation at ACRL 2013, Indianapolis, IN.

Miller, R. K., Moorefield-Lang, H., & Meier, C. (2013, March 14 & 21). *Integrating iPads and tablet computers into library services.* Two-part webinar series for ALA TechSource. Encore presentation of webinar series delivered in October 2011 and March 2012.

Miller, R. K., Moorefield-Lang, H., & Meier, C. (2013, February 6). *Mobile information literacy: Using tablets to promote skills students need to succeed.* Poster presentation at the 5th Annual Conference on Higher Education Pedagogy, Blacksburg, VA.

Barb, C., Gilmore, T., Hall, M., Hall, T., Henshaw, N., Lawrence, A., Meier, C., Miller, R., Moyo, L., Munson, J., Ogier, A., & Thum, S. (2013, February). *Developing teaching proficiencies for new instructors through learning community*. Poster presented at the Conference on Higher Education 5th Annual Conference on Higher Education Pedagogy, Blacksburg, VA.

Breeding, M., Griffey, J., McHale, N., and Miller, R. K. (2012, November). *Library 2017: Tech at warp speed.* Invited panelist for American Libraries Live, Episode One, an online series developed and supported through ALA TechSource.

Miller, R. K., & Meier, C. (2012, October 26). *Teaching with tablets: Strategies, apps, and other resources for engaging students*. Presentation at the VLACRL Conference-within-a-Conference held during the 2012 Virginia Library Association Annual Conference, Williamsburg, VA.

Miller, R. K., Stovall, C., & Lindblad, P. (2012, October 25). *Situating a credit-bearing research skills class in the english curriculum*. Poster presentation at the VLACRL Conference-within-a-Conference held during the 2012 Virginia Library Association Annual Conference, Williamsburg, VA.

Miller, R. K., & Hall, T. (2012, October 25). *You had me at hello: Developing meaningful professional connections*. Presentation at the 2012 Virginia Library Association Annual Conference, Williamsburg, VA.

Miller, R. K., & Meier, C. (2012, July 17). *iPads in libraries*. Invited presentation for the VLACRL Summer Program, Blacksburg, VA.

Emerging Leaders 2012 Project Team C. (2012, June 22). *Professional development for online instruction librarians*. Poster presentation at the 2012 American Library Association Annual Conference, Anaheim, CA.

Miller, R. K. (2012, May 17). *Virtual tools, Real collaboration*. Invited presentation at the Virginia Tech University Libraries In-Service Day 2012: The Age of Transformation, Blacksburg, VA.

Miller, R. K., & Meier, C. (2012, May 5). *Bringing more to the table(t): Ideas and insights for using tablets in instruction.* Presentation at the 2012 LOEX Conference, Columbus, OH.

Miller, R. K., Goldbeck DeBose, K., Hall, N., Lindblad, P., Scripa, A., Speer, J., and Young, P. (2013). Promoting universal knowledge for all: Open Access Week 2012 at Virginia Tech. *Virginia Libraries, 59*(2), 31-35.

Miller, R. K., Meier, C., & Moorefield-Lang, H. (2012, December 5). *The tao of tablets. American Libraries Magazine*. Retrieved from http://americanlibrariesmagazine.org/columns/dispatches-field/tao-tablets

Miller, R. K. (2012, December). Social media, authentic learning, and embedded librarianship: A case study of dietetics students. *Journal of Information Literacy, 6*(2), 97-109. Retrieved from http://ojs.lboro.ac.uk/ojs/index.php/JIL/article/view/LLC-V6-I2-2012-4

Miller, R. K. (2013). Mobile empowerment: Lifelong learning at your fingertips. In T. Peters & L. Bell (Eds.), *The handheld library: Mobile technology and the librarian* (pp. 193-205). Libraries Unlimited.

Miller, R. K. (2013). Helping new librarians find success and satisfaction. In P. Hrycaj & K. Blessinger (Eds.), *Workplace culture in academic libraries: The early twenty-first century* (pp. 81-95). Chandos Press.

Miller, R. K. (2012). Important information literacy standards for human nutrition. In K. O'Clair & J. Davidson (Eds.), *The busy librarian's guide to sci/tech information literacy: Tried and true approaches* (pp. 67-92). Chicago: Association of College & Research Libraries.

Miller, R. K., Moorefield-Lang, H., & Meier, C. (Eds.). (2012). *Rethinking Reference & Instruction with Tablets. Library Technology Reports*, 48(8).

MOOREFIELD-LANG, Heather

Moorefield-Lang, H.M., & Meier, C. (2013, June). What we learned along the way: Librarian experiences from k-12 and how they aid in university library instruction. *College and Undergraduate Libraries, 20*(2), 197-203.

Moorefield-Lang, H.M. (2013, May). An exploration in e-textbooks. *Library Media Connection, 31*(6). 18-19.

Moorefield-Lang, H.M. (2013, April). *Top websites for teaching and learning.* Workshop presented at the University of South Carolina, Columbia, SC. (Invited Speaker)

Scripa, A., & Moorefield-Lang, H.M. (2013, March). Putting the citizen in science. *Knowledge Quest, 41*(4), 54-59.

Miller, R. K., Moorefield-Lang, H., & Meier, C. (2013, March 14 & 21). *Integrating iPads and tablet computers into library services.* Two-part webinar series for ALA TechSource. Encore presentation of webinar series delivered in October 2011 and March 2012.

Miller, R.K., Moorefield-Lang, H.M., & Meier, C. (2013). *Mobile information literacy: Using tablets to promote inquiry skills students need to succeed.* Poster Presentation at the Conference for Higher Education Pedagogy, Virginia Tech, Blacksburg, VA.

Moorefield-Lang, H.M. (2013, January). Go graphic: Create your own comics. *Knowledge Quest, 41*(3). 72-74.

Moorefield-Lang, H. M. (2013, January). *Arts 2.0 & Best Websites*. Presentation for the Yadkin County Schools, East Bend, NC. (Invited Speaker)
Moorefield-Lang, H.M., & Meier, C. (2013). Apps in a snap. *Information Searcher, 19*(4), 10-11.

Miller, R. K., Meier, C., & Moorefield-Lang, H. (2012, December 5). The tao of tablets. *American Libraries Magazine*. Retrieved from http://americanlibrariesmagazine.org/columns/dispatches-field/tao-tablets

Miller, R. K., Moorefield-Lang, H., & Meier, C. (Eds.). (2012, November/December). Rethinking Reference & Instruction with Tablets. *Library Technology Reports, 48*(8).

Moorefield-Lang, H.M. (2012, November). *Best websites for teaching and learning*. Presentation for the Virginia Association of School Librarians, Hampton Roads, VA.

Moorefield-Lang, H.M. (2012, November). *AASL top 25 websites*. Presentation for the Tennessee Association of School Librarians, Murfreesboro, TN. (Invited Speaker)

Moorefield-Lang, H.M. (2012, October). *Best websites for teaching and learning*. Presentation for the North Carolina School Library Media Association, Winston Salem, NC.

Moorefield-Lang, H.M. (2012, October). *Arts 2.0*. Presentation for the North Carolina School Library Media Association, Winston Salem, NC.

Moorefield-Lang, H.M. (2012, September). *The American Association of School Librarians' best websites for teaching and learning 2012.* Presentation for the Library Scholar Spotlight Series, Newman Library, Virginia Tech, Blacksburg, VA. (Invited Speaker)

Moorefield-Lang, H.M. (2012, August). *Arts 2.0*. Presentation for the Frederick County School System, Winchester, VA. (Invited Speaker)

Moorefield-Lang, H.M. (2012, August). *AASL best websites 2012*. Presentation for the Frederick County School System, Winchester, VA. (Invited Speaker)

Tomlin, P., & Moorefield-Lang, H.M. (2012, August). *Circulating iPads*. Presentation at the VLACRL Summer Program, Virginia Tech, Blacksburg, VA.

Miller, R.K., Moorefield-Lang, H.M., & Meier, C. (2012, July). *Tablets in libraries*. Workshop presented for Roanoke Public Libraries, Roanoke, VA. (Invited Speaker)

Moorefield-Lang, H. Jacobs-Israel, M., Baratta, D., Nelson, C. J., Schumacher, J., Hess, S., Logan, D. (2012). *2012 best websites for teaching and learning*. Presentation at the ALA National Conference, Anaheim, CA.

MOYO, Lesley

Gilmore, T., & Moyo, L. (2013, June). *Summon discovery services and reference at Virginia Tech.* Invited presentation at the American Library Association Conference: Usability, the User Experience & Interface Design: The Role of Reference. Chicago, Illinois.

Moyo, L., & Gilmore, T. (2013, May). *The Qualtrics tempo: Check the pulse of the class using Qualtrics survey software for real-time assessment and evaluation*. Presentation at the LOEX Conference. Nashville, Tennessee.

Moyo, L., & Gilmore, T. (2013, March). *Summon discovery services at Virginia Tech*: Panel on *Evaluating user behaviors and experiences: What would Google do? Data mining, discovery and search suggestions- Proactively improving search relevance and the user experience*. Presentation at the Electronic Resources and Libraries (ER&L) conference. Austin, Texas.

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