

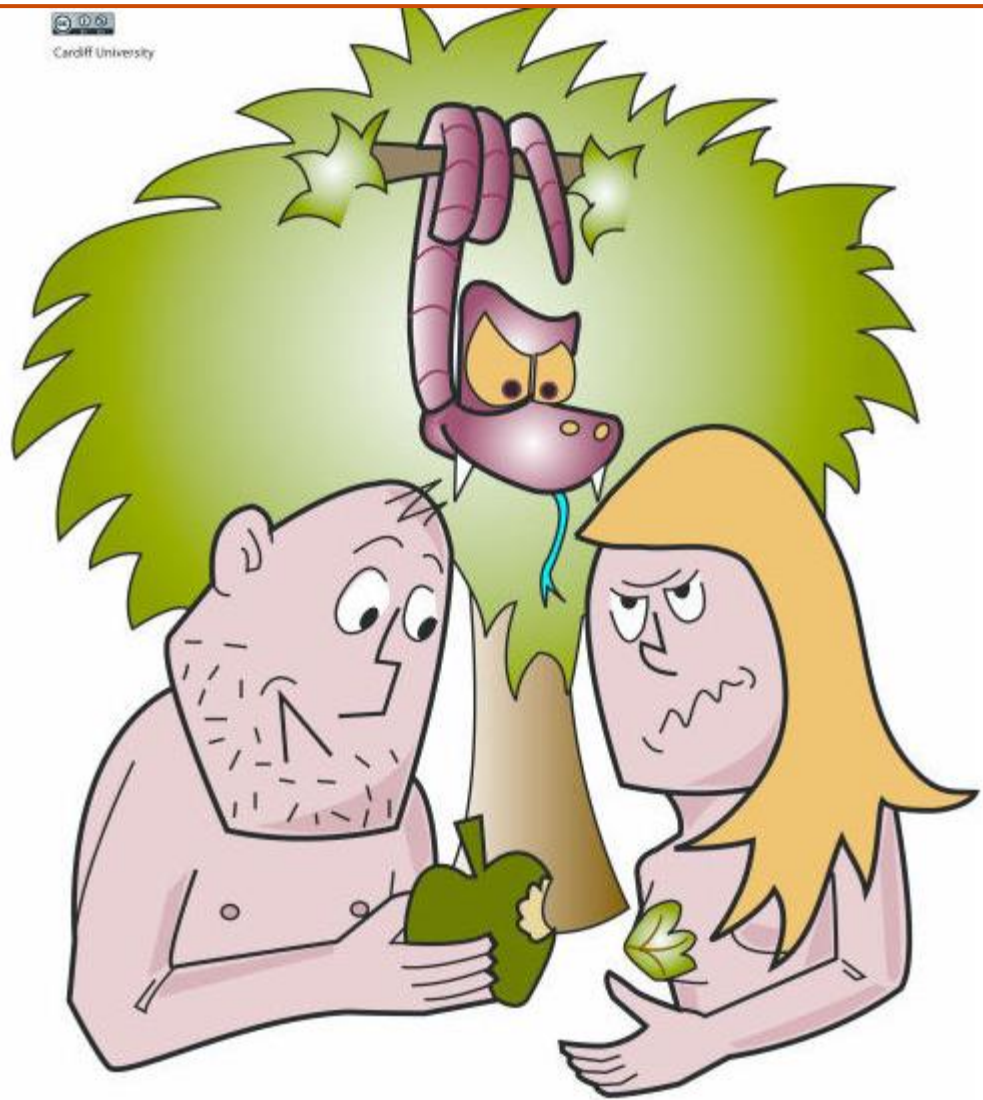
**PREPARING STUDENTS
FOR THE REAL WORLD:**

**GIVING FUTURE PROFESSIONALS
A PALETTE OF PRACTICAL
INFORMATION LITERACY TOOLS
AND SKILLS**

IMELDA VETTER
REFERENCE LIBRARIAN FOR EDUCATION
UNIVERSITY OF ALABAMA AT BIRMINGHAM



(Nemo, 2012)



(Cardiff University, n.d.)

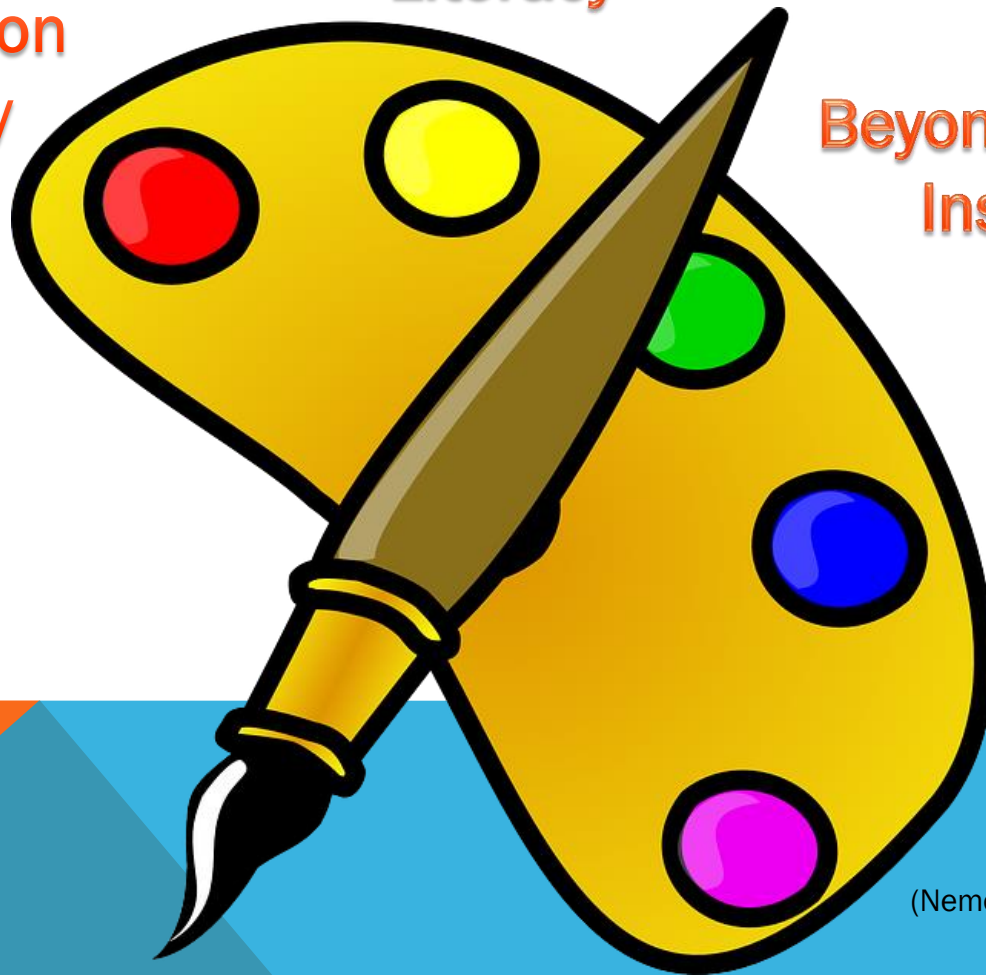
*...With information literacy training
we could have researched the hazards
of these bloody reptiles!*

Lifelong
Information
Literacy

Workplace
Information
Literacy

Beyond One-Shot
Instruction

Certificate
Programs



(Nemo, 2012)


LIFELONG INFORMATION LITERACY

ALA Presidential Committee on Information Literacy (1989):

The Challenge : The onset of the Information Age and a “tidal wave of information”

“There exists a need for better thinkers, problem solvers, and inquirers.

There are calls for computer literacy, civic literacy, global literacy, and cultural literacy”



“New foundation called information literacy”

“Ultimately, information literate people are those who have learned how to learn
. . . . They are people prepared for lifelong learning, because they can
always find the information needed for any task or decision at hand”

National Forum on Information Literacy


AASL – Standards for the 21st –Century Learner

ACRL – Information Literacy Competency Standards for Higher Education
(currently in revision)


EBSS – Information Literacy Standards for Teacher Education (standards and
rubric)

WORKPLACE INFORMATION LITERACY

Seven faces framework to describe workplace information seeking behaviors (Bruce, 1999):

1. Technology use for information awareness and communication
 2. Knowing the full range of possible sources and finding the appropriate ones
 3. Executing an information process for problem solving or decision making
 4. Managing information and making connections between the information pieces
 5. Absorbing and analyzing the information in order to build a knowledge base
 6. Connecting personal perspectives and new knowledge in order to gain new insights
 7. Using the information and insights wisely for the benefit of others
- 

WORKPLACE INFORMATION LITERACY - research

- ❖ Head, Van Hoeck, Eschler, and Fullerton (2013)
 - ❖ D'Angelo (2012)
 - ❖ Jeffryes and Lafferty (2012)
 - ❖ Klusek and Bornstein (2006)
 - ❖ Tanni (2012)
 - ❖ Emmons et al. (2009)
 - ❖ Williams and Coles (2007)
- 

TEACHERS AND INFORMATION LITERACY

Why is workplace information literacy important to teachers?

- ❖ Keep informed and up-to date with current issues
- ❖ Explore and adopt new ideas and skills
- ❖ Practice evidence-based teaching
- ❖ Fuel the creative juices to reinvigorate their teaching

❖ Model and Teach Information Literacy to K-12 students




BEYOND ONE-SHOT INSTRUCTION




If we build it, will
they come?

(Microsoft, n.d., "Person")

WHAT'S THE PROBLEM?

- ❖ Instruction requests increasing
 - ❖ Students' complaints of attending similar library sessions
 - ❖ Time constraints
 - ❖ Few opportunities to dive deep into topics
- 

WHAT DO LIBRARIANS ENVISION?

- ❖ Teach information literacy in a progression
 - ❖ Help students make the transition from academic to workplace and lifelong information literacy
 - ❖ Give students an extra learning experience to add to their resumes
 - ❖ Provide students with career tools and strategies
- 

CERTIFICATE PROGRAMS

AT UNIVERSITY OF ALABAMA AT BIRMINGHAM

Business Research



Professional Skills
for Educators

Social Sciences
Research Toolkit



BUSINESS RESEARCH

- ❖ Introduction to Business Research Methods
- ❖ Basic Company Research
- ❖ Basic Industry and Market Research
- ❖ Searching News, Trade Publications and Journals
- ❖ International Business and Industry Research
- ❖ Academic Integrity and Ethics
- ❖ Entrepreneurship and Business Planning
- ❖ Finance and Investment Research

More information on [Business Buzz at MHS� blog](#)

PROFESSIONAL SKILLS FOR EDUCATORS

- ❖ Creating Text Sets in Specific Content Areas
- ❖ The Sterne Library Juvenile Collection
- ❖ Resources for Finding and Creating Lessons Plans
- ❖ Alabama Virtual Library: Alabama's Free Library of Databases for K-12 Teachers and Students
- ❖ ERIC (Education Resources Information Center) and Other Government Resources
- ❖ Professional Development Resources for Teachers
- ❖ Social Media in Education: Professional Development
- ❖ Social Media in Education: The Classroom

More information on the [Education News from Sterne Library](#) blog

SOCIAL SCIENCE RESEARCH TOOLKIT

- ❖ Introduction to Social Sciences Research Methods
- ❖ Managing Information Overload: Citation Managers
- ❖ Not as Scary as They Seem: Finding Government Information: US Sources
- ❖ Going Global: Finding Information from Sources Outside the US
- ❖ Branching Out: Introduction to Sources for Public Health Research
- ❖ Data and Beyond: ICPSR
- ❖ Scholarly Communication: Tools and Strategies for Learning and Sharing in the Social Sciences and Funding Your Research

More information on [Brooke's World: Fun with Social and Behavioral Sciences](#) blog

PLANNING


❖ Program proposal

- Rationale/Purpose
- Goals
- Outline of curriculum/topics
- Schedule
- Budget

❖ Solicit support

- Library director/dean, supervisor
- Dean, department chairs, and faculty

CREATING

- ❖ **Teaching and learning format**
 - Lecture
 - Hands-on
 - Group activities
 - ❖ **Tools – technology, etc.**
 - ❖ **Materials – presentations, handouts, worksheets**
 - ❖ **Logistical details – day/time, location, registration, attendance tracking, incentives**
- 

PROMOTING

- ❖ Library website
- ❖ Social media
- ❖ Posters
- ❖ Flyers
- ❖ Student listserv
- ❖ Media
- ❖ Classroom visits
- ❖ Presentation at orientation

Professional Skills for Educators Certificate Program

Whether you are just beginning your studies to become a teacher, already teaching in the classroom, or at some point in between, this program is for you!

Become familiar with the resources that will be available to you as a K-12 teacher for your teaching, professional development, and research needs.




During each class, you will be introduced to education-specific resources, participate in hands-on practice (laptops will be available), and leave with practical ideas and take-home materials.

Details

- Program runs for 8 weeks, starting January 21
- Tuesdays, 4:00–4:50 p.m.
- No fee required; no registration required
- Earn a certificate if you attend 6 out of 8 sessions
- Weekly Starbucks gift card drawings
- Reception and awarding of Certificates on April 1
- More info: <http://blogs.mhsl.uab.edu/education>, or contact Imelda Vetter at ivetter@uab.edu or 934-6364



IMPLEMENTING

- ❖ 8 weeks each semester
 - ❖ Same day and time each week
 - ❖ Sign-in sheet for first class – name, program/major, email
 - ❖ Attendance sheet every week
 - ❖ Attend at least 6 classes – eligible for certificate
 - ❖ Weekly give-away either via lottery or by answering question correctly
 - ❖ Laptops available for hands-on
 - ❖ Reception (with refreshments) and awarding of certificates
- 


ASSESSING

❖ Survey via Survey Monkey

❖ Questions:

- Demographics – current academic status, department/program/major
- Success of promotional efforts – i.e. How did you find out about the class?
- Usefulness of topics
- Usefulness for other classes and assignments
- Projected usefulness for the workplace
 - Future research on this question (survey graduates)
- Topic suggestions for future semesters
- Other suggestions
- <https://www.surveymonkey.com/results/SM-JCY7LKM/>

RESULTS

- ❖ Total of 489 certificates awarded
 - ❖ Attracts students, staff, faculty, and alumni
 - ❖ Continue to teach the one-shot sessions but now have an avenue to reach students , not in these sessions, as well as faculty and staff
 - ❖ More control over the instruction
 - ❖ Indepth coverage and more time for learning activities
 - ❖ Librarians are energized – not the same old content
- 

CERTIFICATES AWARDED 2010-2014

	Business Research	Professional Skills for Educators	Social Science Research Toolkit
Fall 2010	18	n/a	n/a
Spring 2011	21	n/a	n/a
Fall 2011	36	n/a	n/a
Spring 2012	67	n/a	n/a
Fall 2012	77	12	n/a
Spring 2013	57	30	n/a
Fall 2013	68	23	10
Spring 2014	52	9	9

PROGRAMS/MAJORS

PROFESSIONAL SKILLS FOR EDUCATORS

Teacher Education programs	Others
Early childhood/elementary	Sociology
Secondary education/Social Studies	Criminal Justice
Secondary education/Art	Public Administration
Secondary education /Math	Respiratory Therapy
ESL	Library staff
Foreign Language education/Spanish	
Secondary education/Science	
Special education	
Physical education	

PROGRAMS/MAJORS (CONTINUED)

BUSINESS RESEARCH

Business Programs	Other Academic Programs	Other Units on UAB Campus
Accounting	Public Health	Office of Undergraduate Research
MBA	Engineering	UAB Research Foundation
Management	History	Human Resources
Finance	Criminal Justice	Reference Department
Marketing	Philosophy	

SOCIAL SCIENCE RESEARCH TOOLKIT

Social Sciences Programs	Other Academic Programs
Political Science	Public Health
Psychology	Health Administration
Sociology	Business
Criminal Justice	Preventative Medicine
Public Administration	Biostatistics
History	Health Behavior

SUGGESTIONS AND FUTURE IMPROVEMENTS

❖ Topics to add to Professional Skills for Educators:

- Evidence-based teaching
- Active learning
- Technologies for the K-12 classroom

❖ Integrate different technologies useful to teachers

❖ Group activities during sessions


❖ Flipped classroom

❖ Add a second day and time

❖ For credit?



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