Update on VIVA-OTN

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Virginia Scholarly Communication Interest Group, University of Richmond
February 10, 2017
April 2016

VIVA joined OTN
The network has been invaluable; by pooling knowledge and resources, we benefit from the expertise of the growing network and don’t have to go it alone or reinvent the wheel.

— Karen Williams, Dean, University of Arizona Libraries
Former President, Association of College and Research Libraries (ACRL)
Open Textbook Network

Goal: Faculty adoption of open textbooks
VIVA “dipping toes into” open

Method: OTN training of system & campus leaders
        OTN trained presenters customize & deliver workshop
        Faculty reviews
        $200 stipend

VIVA-supported OTN membership + 100 $200 faculty stipends
The VIVA Program

• Four VIVA System Leaders
  – Anita Walz, Virginia Tech
  – Claudia Holland, George Mason University
  – Jimmy Ghaphery, Virginia Commonwealth University
  – Olivia Reinauer, Tidewater Community College
2016

April

VIVA joined OTN

August

Open Textbook Summer Institution (OTNSI) & OTN Summit

4 system leaders
The VIVA Program

- **35 VIVA Campus Leaders**

<table>
<thead>
<tr>
<th>College Name</th>
<th>Campus Leader(s)</th>
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<tbody>
<tr>
<td>Bridgewater College</td>
<td>Vickie Einselen</td>
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<td>College of William &amp; Mary</td>
<td>Kathleen Delaurenti</td>
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<td>Dabney S. Lancaster Community College</td>
<td>Nova Wright</td>
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<tr>
<td>Eastern Mennonite University</td>
<td>Jennifer Ulrich</td>
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<td>Germanna Community College</td>
<td>Matthew Pierce</td>
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<td>Hampden-Sydney College</td>
<td>Brian Burns</td>
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<td>J. Sargeant Reynolds Community College</td>
<td>Lynn Riggs</td>
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<td>James Madison University</td>
<td>Liz Thompson</td>
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<td>Liberty University</td>
<td>Hannah Lowder</td>
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<td>Mason Yang</td>
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<td>New River Community College</td>
<td>Yvonne Maute</td>
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<td>Norfolk State University</td>
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<td>Heather Blicher</td>
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<td>Laurie Preston</td>
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<td>Richard Bland College</td>
<td>Bianca Spurlock</td>
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<td>Piper Cumbo</td>
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<td>Shenandoah University</td>
<td>Andrew Kulp</td>
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<td>Sweet Briar College</td>
<td>Katie Glaeser</td>
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<td>Thomas Nelson Community College</td>
<td>Joslyn Allison</td>
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<td>Union Presbyterian Seminary</td>
<td>Ann Knox</td>
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<td>University of Mary Washington</td>
<td>Erin Wysong</td>
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<td>University of Richmond</td>
<td>Lucretia McCulley</td>
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<td>University of Virginia</td>
<td>Dave Ghamandi</td>
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<td>Virginia Commonwealth University</td>
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2016

April: VIVA joined OTN
August: Open Textbook Summer Institution (OTNSI) & OTN Summit
October: "Train the Trainer" for 4 system leaders & 35 campus leaders

2016
How does it work?
- OTN trains Campus & System Leaders.
- Campus & System Leaders recruit faculty for a workshop.
- Faculty attending are invited to review an open textbook.
- Faculty are asked if they decided to adopt.
- Faculty are paid $200 upon completion of review (regardless of their adoption/non-adoption decision)
What’s in the presentation?
$$\textbf{Cost}$$ of textbooks (in context of cost of higher education, rising student debt etc.)

**Student perceptions** regarding the cost of textbooks.

Impact of the cost of textbooks on **student learning**

Academic freedom = Faculty choice. **Faculty choices** can make a difference

Model of **how textbooks are usually published**.

**Alternative model** of using Creative Commons licenses for OPEN textbook publication.

Creative Commons licenses also allow **modification and remix** (with attribution)

Introduction to the **Open Textbook Library** (OTL) and reviews.

Invitation to write a brief **written review** of an open textbook (listed in the OTL).

Discussion
The VIVA Program

VIVA Schools without a Campus or System Leader:

– You or your faculty may be able to attend a workshop at a neighboring institution.

– A Campus or System Leader may be able to provide a workshop for your faculty.

– VIVA may host another Train the Trainer workshop next year.
Open Textbooks Review Criteria:

Comprehensiveness
The text covers all areas and ideas of the subject appropriately and provides an effective index and/or glossary.

Content Accuracy
Content is accurate, error-free and unbiased.

Relevance Longevity
Content is up-to-date, but not in a way that will quickly make the text obsolete within a short period of time. The text is written and/or arranged in such a way that necessary updates will be relatively easy and straightforward to implement.

Clarity
The text is written in lucid, accessible prose, and provides adequate context for any jargon/technical terminology used.

Consistency
The text is internally consistent in terms of terminology and framework.

Modularity
The text is easily and readily divisible into smaller reading sections that can be assigned at different points within the course (i.e., enormous blocks of text without subheadings should be avoided). The text should not be overly self-referential, and should be easily reorganized and realigned with various subunits of a course without presenting much disruption to the reader.

Organization Structure Flow
The topics in the text are presented in a logical, clear fashion.

Interface
The text is free of significant interface issues, including navigation problems, distortion of images/charts, and any other display features that may distract or confuse the reader.

Grammatical Errors
The text contains no grammatical errors.

Cultural Relevance
The text is not culturally insensitive or offensive in any way. It should make use of examples that are inclusive of a variety of races, ethnicities, and backgrounds.

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A Computational Introduction to Number Theory and Algebra

Victor Shoup, New York University
Pub Date: 2009
ISBN 13: 978-0-5115164-4-0
Publisher: Independent

Read This Book

PDF
Hardcover B&W

Table of Contents
Chapter 1: Basic properties of the integers
Chapter 2: Congruences
Chapter 3: Computing with large integers
Chapter 4: Euclid’s algorithm
Chapter 5: The distribution of primes
Chapter 6: Abelian groups
Chapter 7: Rings
Chapter 8: Finite and discrete probability distributions
Chapter 9: Probabilistic algorithms
Chapter 10: Probabilistic primality testing
Chapter 11: Finding generators and discrete logarithms in $\mathbb{Z}/p$ 
Chapter 12: Quadratic reciprocity and computing modular square roots
Chapter 13: Modules and vector spaces
Chapter 14: Matrices
Chapter 15: Subexponential-time discrete logarithms and factoring
Chapter 16: More rings
Chapter 17: Polynomial arithmetic and applications
Chapter 18: Finite Fields
Chapter 19: Linearly generated sequences and applications
Chapter 20: Algorithms for finite fields
Chapter 21: Deterministic primality testing

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Reviews
Learn more about reviews.

-reviewed by William McGovern, Professor, University of Washington, on 8/22/2016.
As promised by the title, the book gives a very nice overview of a side
April 2016: VIVA joined OTN.

August 2016: Open Textbook Summer Institution (OTNSI) & OTN Summit.

October 2016: OTN Campus Leaders Training at JMU.

2016: 18 workshops so far.

2017: 6 planned workshops.

2016: 4 system leaders.

2017: 35 campus leaders.
Ferrum College
George Mason University
Hampden-Sydney College
J. Sargeant Reynolds Community College
James Madison University
Marymount University
Northern Virginia Community College
Old Dominion University
Piedmont Virginia Community College
Radford University
Roanoke College
Thomas Nelson Community College
Tidewater Community College
University of Richmond
Virginia Commonwealth University
Virginia Tech
Virginia Wesleyan College
Virginia Western Community College
Participants: 127 + 36
Reviews (so far): 59
Adoptions (so far): 40

“Crowd” © Felix Westfall CC BY https://thenounproject.com/search/?q=crowd&i=164792 Adapted by Anita Walz.
Tentative Adoptions: 22

"Crowd" © Felix Westfall CC BY https://thenounproject.com/search/?q=crowd&i=164792 Adapted by Anita Walz.
Trends?
What we’re learning
Invitations
Recruitment
Innovative approaches
Assessment / Follow up
Communication via VIVA-OER Listserv
Communication between VIVA & System Leaders
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Thank you!

Comments and questions?