

# Flying Without a Text: Using Open Educational Resources, E-books, and LibGuides for Nursing Education

Gregg A. Stevens, MSLS, MST, AHIP  
 gregg.stevens@stonybrook.edu

## Introduction

### Open Educational Resources (OERs)

- Public domain materials free to use, copy, adapt, and reshare<sup>1</sup>
- Early research indicates that students in courses that use OERs perform better than students in classes who must purchase textbooks<sup>2</sup>

### NYS SUNY OER Funding Initiative

- SUNY received \$4 million (FY 2017-2018) from the state<sup>3</sup>
- Faculty incentives to encourage the use of open educational resources (OERs) in lieu of required textbook purchases
- Providing awards to faculty who create new OERs or adopt existing OERs, in lieu of requiring student textbook purchases
- Help reduce the financial burden of public university students

### OER Initiative at Stony Brook University

- SBU Libraries administers and promotes the program for the university
- Graduate nursing faculty at Stony Brook University expressed an early interest
- Two DNP faculty meetings with nursing liaison librarian and the Associate Dean for Library Technology, Discovery, and Digital Services (April 2018)

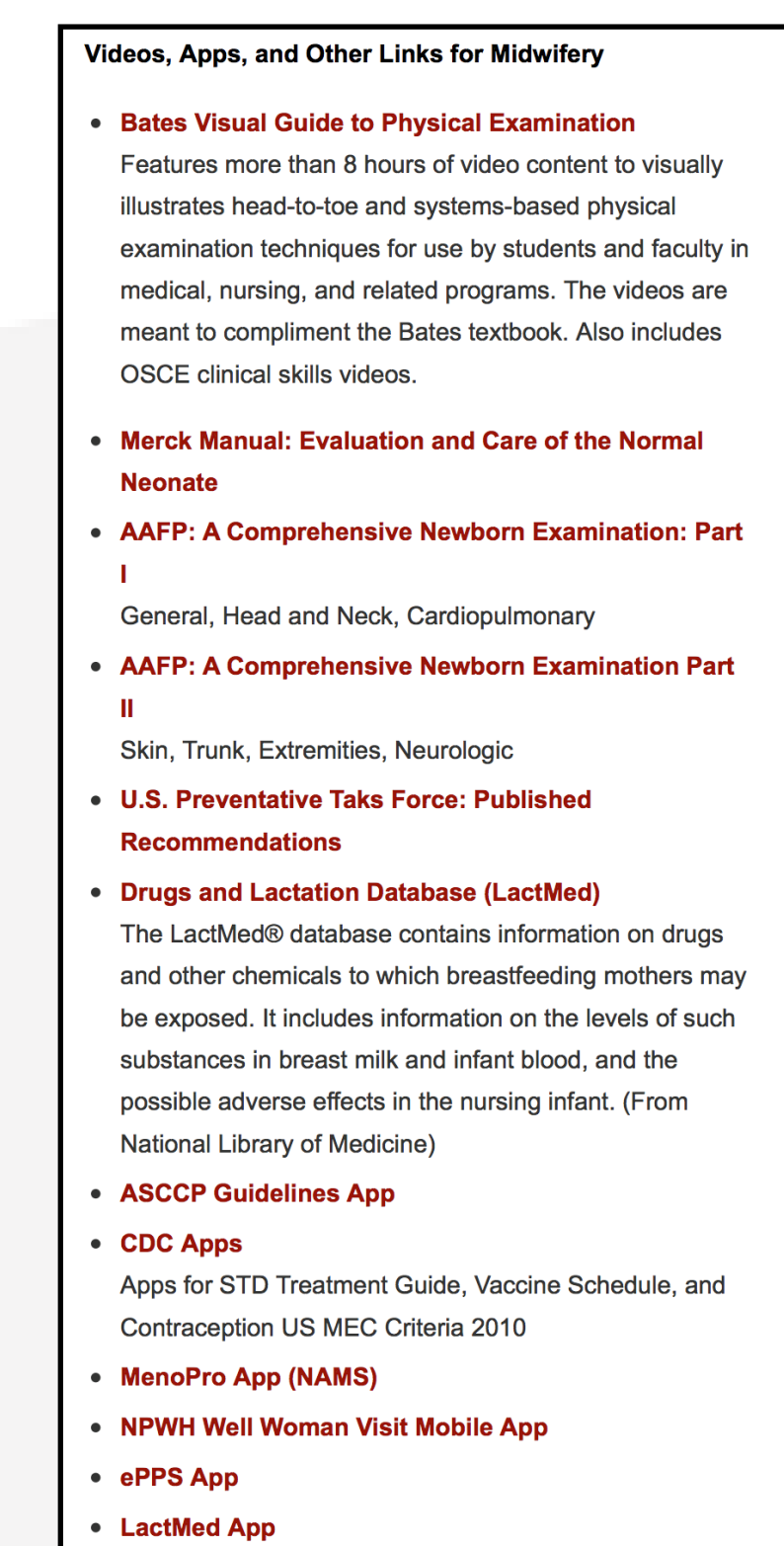
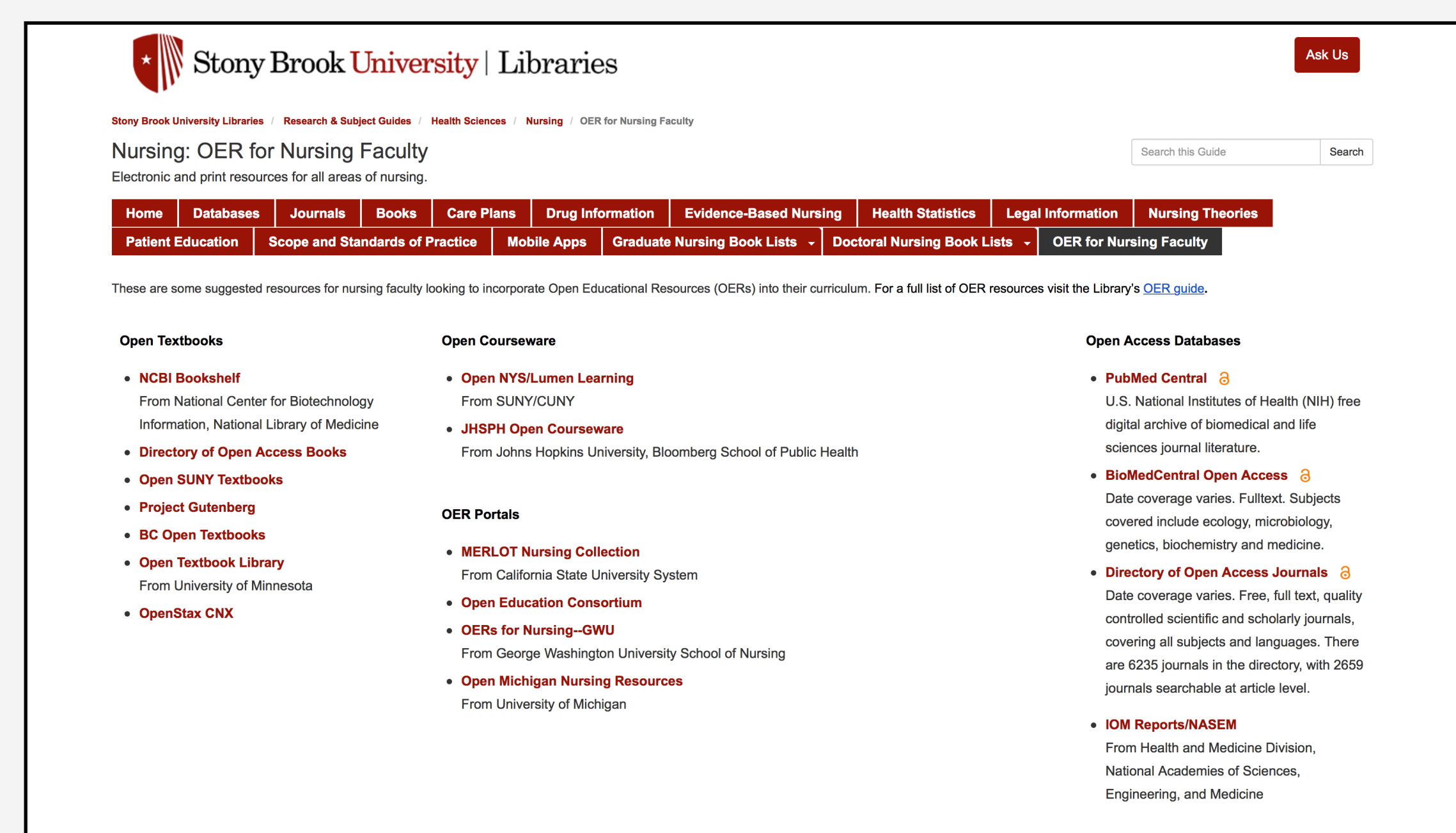
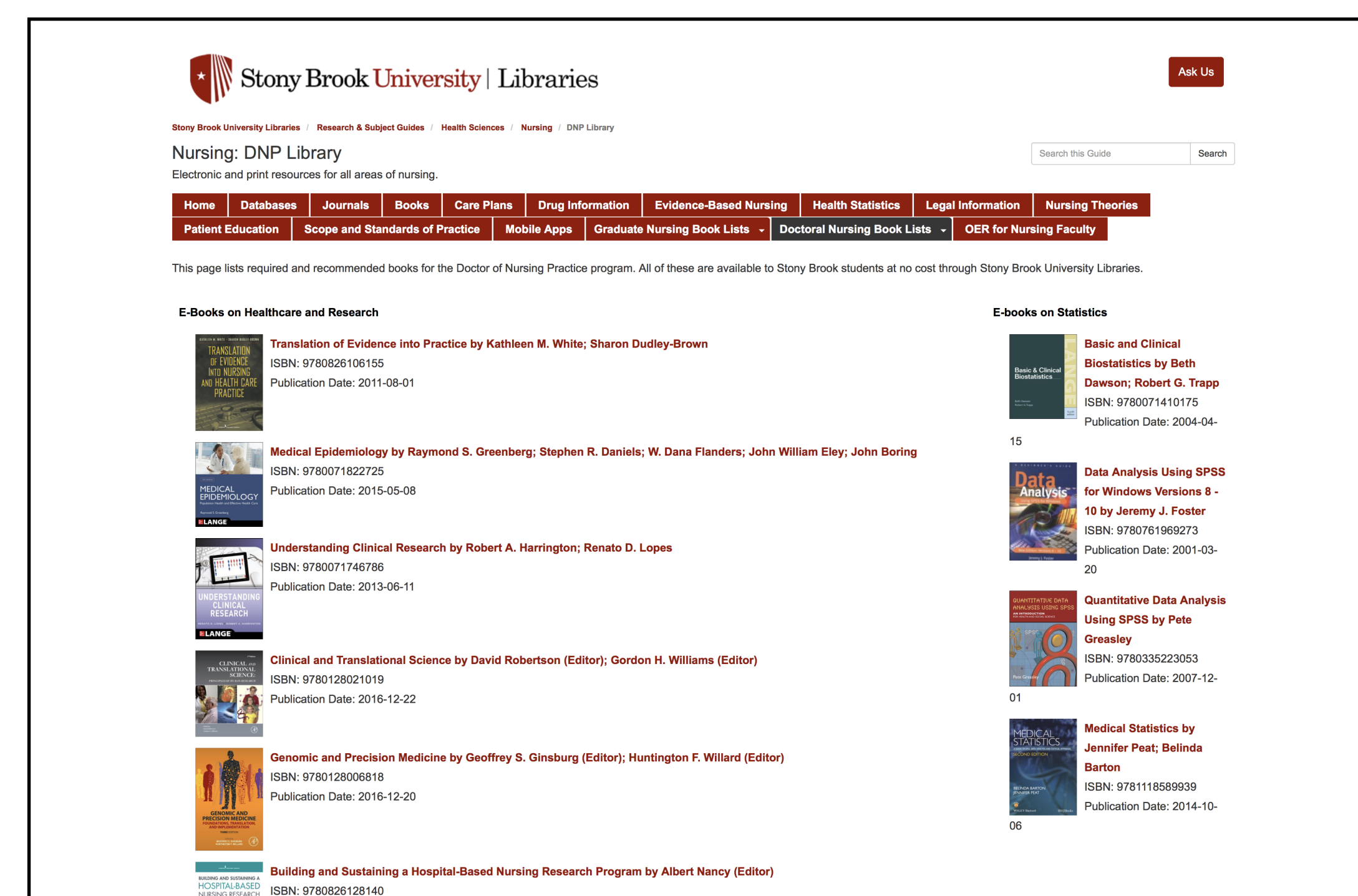
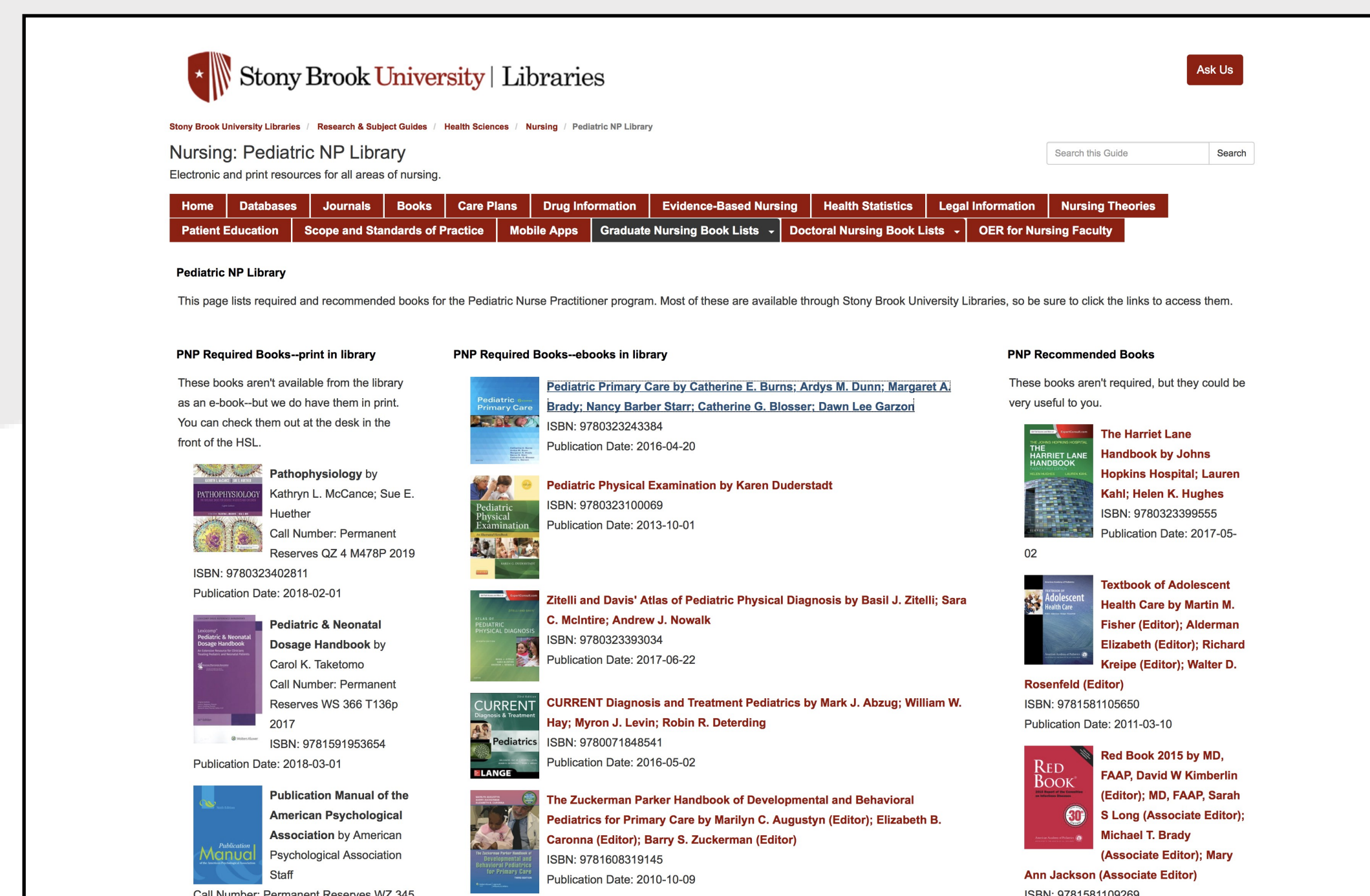
## Methods

### Pilot Collaboration

- Nursing librarian worked with faculty members from two programs:
  - Doctor of Nursing Practice (DNP)
  - Pediatric Nurse Practitioner (PNP)
- Creation of “libraries” within the existing Nursing LibGuide
  - Dedicated page to required and recommended materials for program
  - Authenticated links to library resources
  - Links to OERs and other non-library resources (e.g. apps)
- “Library” URL could be embedded in Blackboard and be used on syllabus in lieu of book listing

### Continued Collaboration

- Librarian introduced concept to all faculty at SON meeting (May 2018)
- Creation of LibGuide page on OERs for nursing
  - Adaptation of SBU Libraries’ OER guide
- Subsequent creation of “libraries” for Psychiatric/Mental Health NP, Family NP, and Midwifery programs, per faculty interest
- Meeting with undergraduate nursing faculty to discuss possible integration of OER material into curriculum
  - Meetings laid the groundwork for the pilot collaboration



## Results

- Graduate program faculty were mainly interested in selecting e-books that were available through the health science library as substitutes for existing textbooks
- Undergraduate faculty were more interested in retaining the core textbooks but supplementing them through the use of select OERs and some library materials
- Light usage of OER for Nursing Faculty page (88 views April–September 2018)
- Initial reactions from faculty and students were favorable as determined by the librarian during instruction sessions and from nursing faculty
- 33.4 % increase in Nursing LibGuide use over previous year
  - 11073 clicks in 2018 vs 8300 in 2017
- 4 of ten most accessed tabs are program libraries
  - Pediatric = 3rd most used, DNP = 6th, Family = 9th, Psychiatric = 10th
- 6 of ten most accessed resources are e-books from program libraries

- CINAHL Plus with Full Text
- PubMed + Full-text
- Pediatric Primary Care
- Pediatric Physical Examination
- Family Practice Guidelines
- The Zuckerman Parker Handbook of Developmental and Behavioral Pediatrics for Primary Care
- Nursing Reference Center Plus
- UpToDate
- Zitelli and Davis' Atlas of Pediatric Physical Diagnosis
- Physical Assessment of the Newborn: A Comprehensive Approach to the Art of Physical Examination

## Challenges

- Limited number of nursing OERs available
  - Most available OERs designed for undergraduate nursing courses
  - OER adoption by NP faculty has been minimal
    - Literature Reviews for Education and Nursing Graduate Students (DNP)
    - Various government apps and websites (Psychiatric NP, Midwifery, Neonatal NP)
- Limited number of concurrent licenses for certain subscription titles
  - Turnaways a possibility for sizeable classes
  - Propose alternate titles or recommend extended time if there is a required activity/reading in one text

## Conclusion

- Librarian expertise on OERs and library resources fosters collaboration that can help embed the librarian deeper within the curriculum.
  - One or two departmental allies are needed to get the program started, but as word spreads other faculty will express interest
- Using research guides to provide links to library materials helps facilitate usage of these materials, making it more likely students will use them.
- More OERs and library materials equates to less student expense
- More OERs for nursing are needed before greater implementation can occur

## References

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