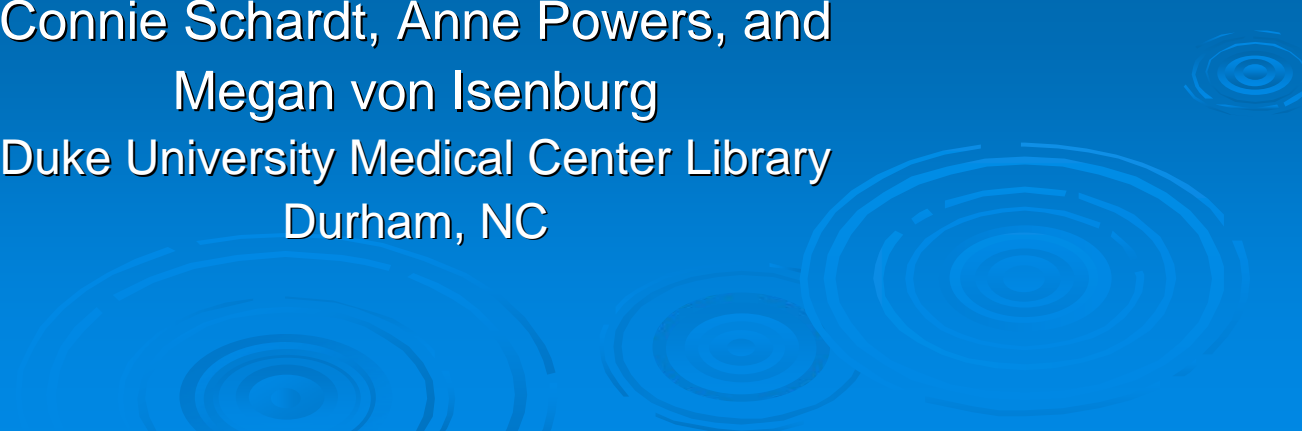


Weaving evidence-based medicine into
the School of Medicine curriculum:

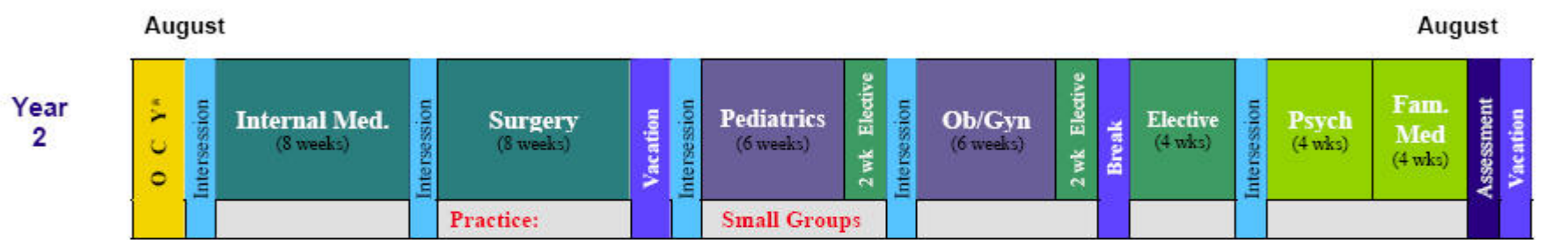
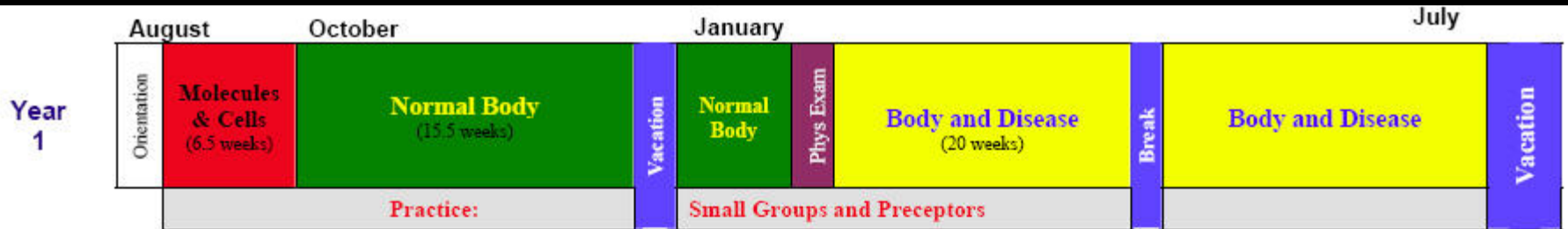
The Library's role in developing
evidence-based clinicians

Connie Schardt, Anne Powers, and
Megan von Isenburg
Duke University Medical Center Library
Durham, NC

The background of the slide is a solid blue color. In the lower right quadrant, there are several decorative elements consisting of concentric circles, resembling ripples in water. These circles are light blue and vary in size and opacity, creating a subtle pattern.



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The competition



**History of
Medicine**

**Complementary
Medicine**

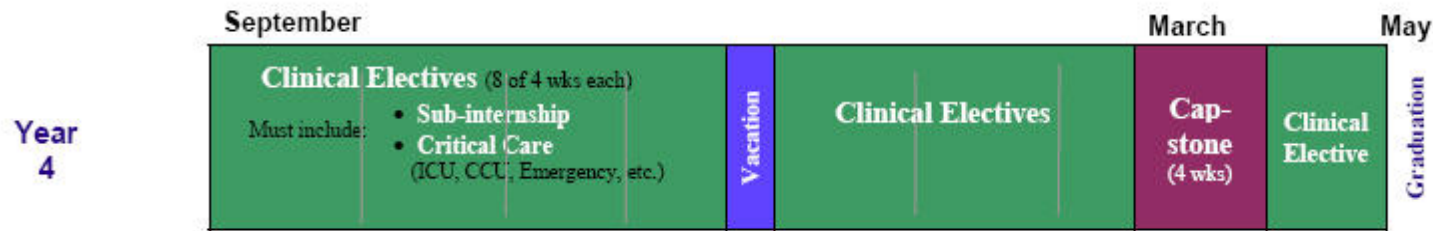
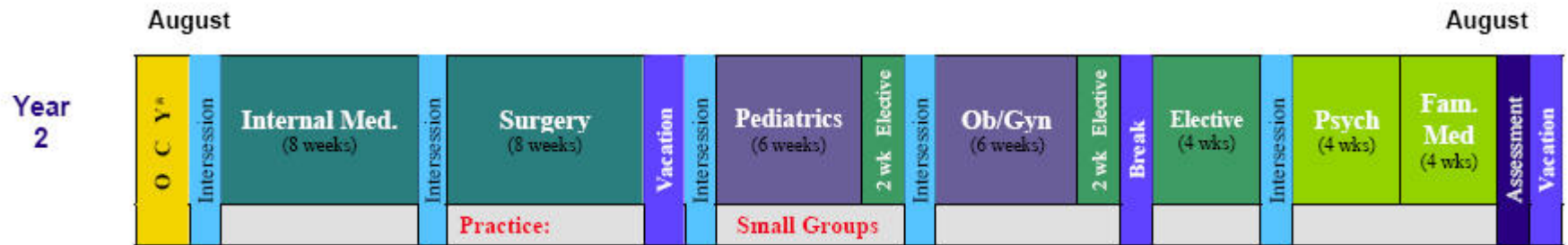
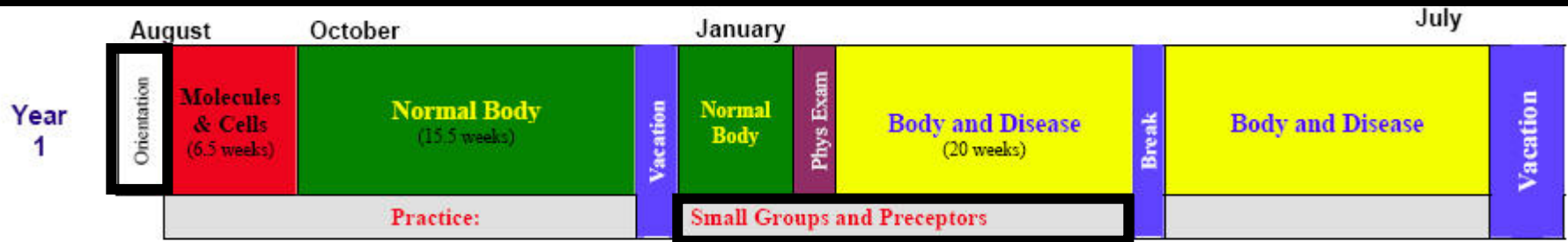
Nutrition

**Medical
Ethics**

EBM



So where's the Library/EBM?



What didn't work so well...

- Teaching during orientation week
- Teaching searching before they needed it
- Teaching in a large group lecture hall
- Teaching EBM – not on their radar



How the environment changed

- Developed faculty partnerships
- EBM came to Duke
- The curriculum revision of 2004



Partnerships

- Serendipity of an Ovid class
- Morning Reports
 - Gen Med, Pediatrics
 - Psychiatry
 - VA, Community Hospital
- Library involvement in Duke EBM workshop



EBM came to Duke

- Chief residents and faculty attend EBCP at McMaster starting in mid-1990s
- AAMC Learning Objectives for Medical School Education (1998-1999)
- Medical student requests



Curriculum Revision of 2004

- Associate Dean for Library Services – on the Curriculum Advisory Group (CAG)
- Librarians served on curriculum revision committees
- New Associate Dean for Curriculum Development



New teaching opportunities



Clinical CORE - Vicki Kaprielian, MD



**Orientation to the Clinical Year/
Practice** – Barb Sheline, MD



**General Medicine Pre-clerkships/
EBM Course for MS3** - Jane Gagliardi, MD



Capstone Course - Susan Promes, MD



Why come to the library to coordinate EBM?

- Visibility
- Flexibility
- Responsive
- Neutral
- Reputation

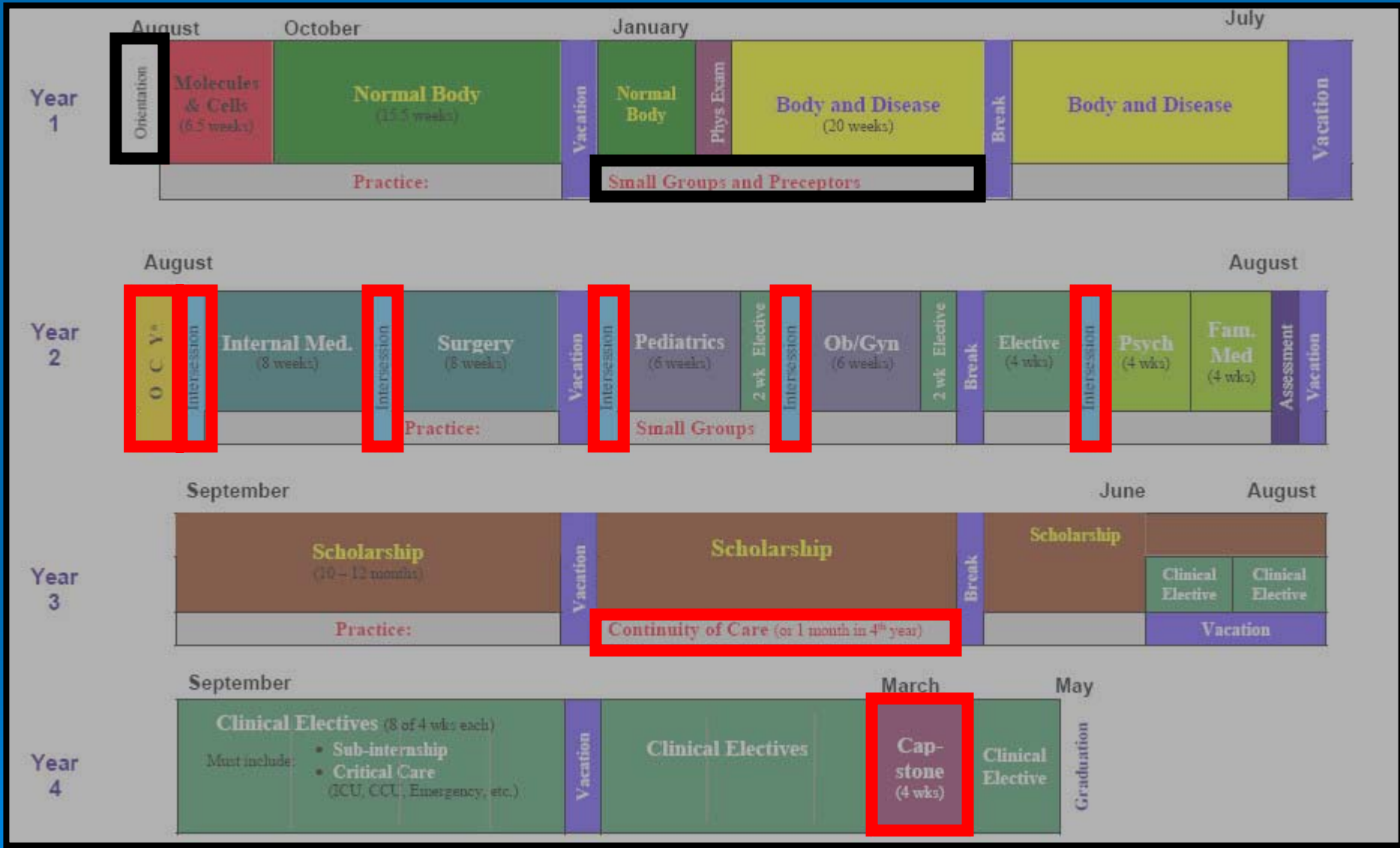


End result: EBM curriculum

- Integrated throughout the 4 years
- Based on the needs of the students
- Involved a variety of settings and faculty
- Linked to the learning objectives of the SOM and the AAMC



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MS1

MS1	Content/Teaching:	AAMC Objectives:	SOM Objectives:
Library Orientation All ne sessi in the amph Durin scho	Librarians provide an	1. Demonstrate knowledge of available	28-3 Demonstrate ability to retrieve, evaluate,
Pract All M 2 1-h half g in the amph Feb/I			ional tion, exts aluate, ving e
Cour Barb			and support ns. ty
		an original source, determine relevance, and availability	

- Orientation

 - introduction to the Library website,
resources and services

- Practice Course

 - interactive session on finding answers
to background questions
 - case-based
 - reinforced small group topics



MS2

- **Orientation to the Clinical Year**
introduction to EBM cycle, question building and basics of PubMed
- **General Medicine Pre-clerkship**
study design and advanced PubMed
- **Clinical Core**
critical appraisal of a therapy article (case from PubMed session; taught by clinical faculty)
- **PDA Boot camp**
teach the EBM resources station

MS2

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MS3

•EBM Course

- 10 interactive sessions with a different faculty facilitator for each session
- Library co-teaches 2 sessions on searching
- Library coordinates:
 - website
 - pre-course assessment
 - make-up assignments

•Basics of EndNote (in process)

workshops on basic and advanced EndNote



MS4

•Capstone

- Library coordinates sessions with EBM faculty
- review of study methodology and validity issues
- review of calculating study results

MS4

All MS
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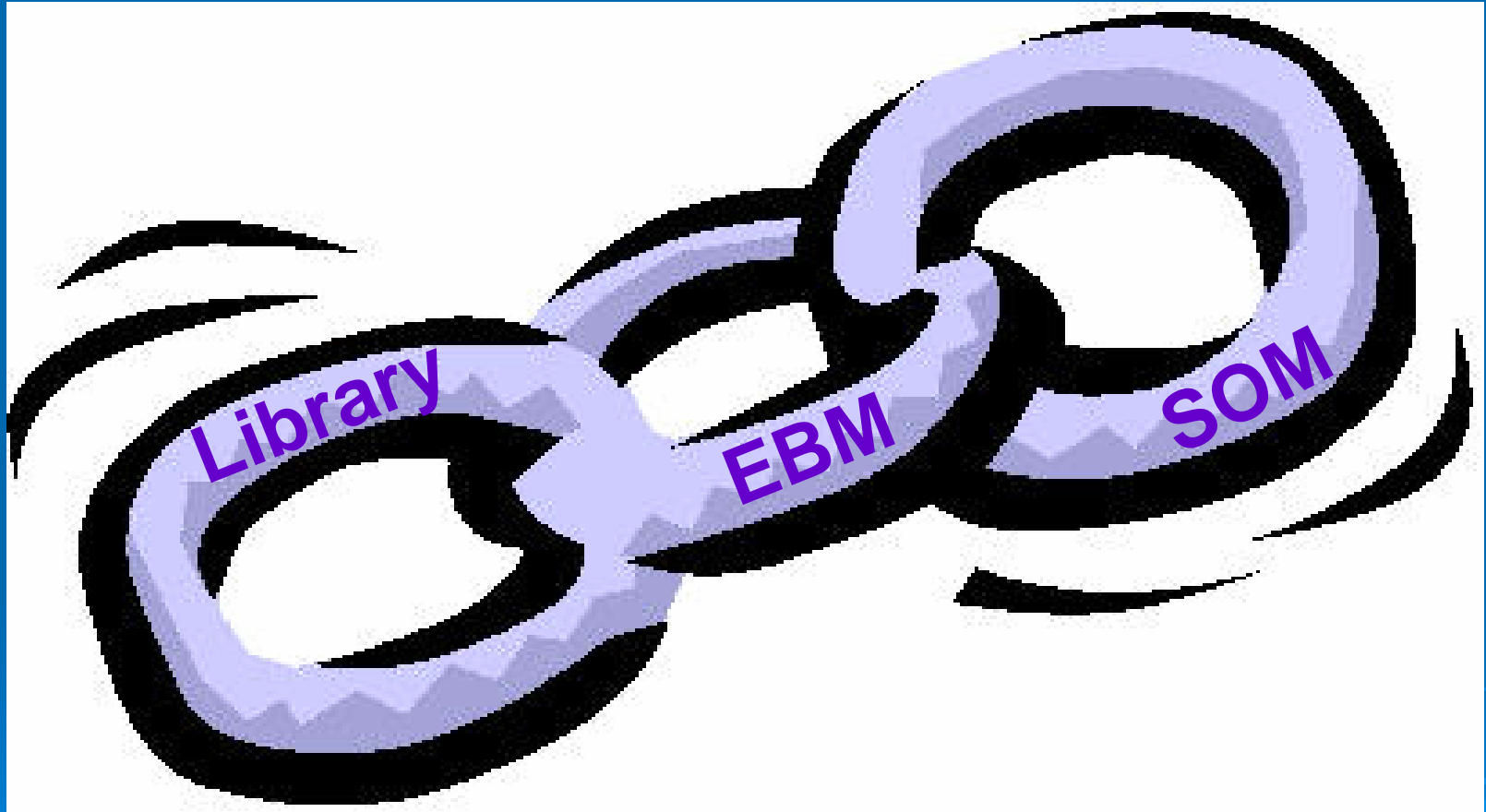


What has worked well...

- Teaching better integrated
- More interactivity in sessions
- Case-based teaching
- Searching as a part of the evidence cycle



Link your goals to theirs



Seek and nurture the champions





Seize the
opportunities



Work on their time and turf





It's okay to take
baby steps



Be patient



Thank you

EBM Librarian

<http://ebmlibrarian.wetpaint.com/>

Duke SOM EBM Curriculum

<http://www.mclibrary.duke.edu/training/courses/ebm600/ebmcurriculum.pdf>

