

Meeting the ACPE Guidelines Part 2:  
History of Pharmacy Content  
Throughout the Curriculum

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Which is Dr. B. Olive Cole?



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Objectives

- State the ACPE guidelines for history of pharmacy in the Doctor of Pharmacy curriculum.
- Identify at least three ways to incorporate history of pharmacy content and activities across the curriculum.
- *Discuss how history of pharmacy content can add to students' professional growth.*
- *Identify at least two sources for teaching materials and assistance in incorporating historical content.*

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### University of Maryland School of Pharmacy

- Founded in 1841
- 4<sup>th</sup> oldest, Top Ten
- One of 7 professional schools and a graduate school
- Baltimore!



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### Westminster Hall



- Church completed 1852
- Edgar Allan Poe grave
- University facility
- Lunch Under the Pipes Concerts
- Baltimore Albert Schweitzer Fellows Events

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### Which one is Poe?



A Raven Connection

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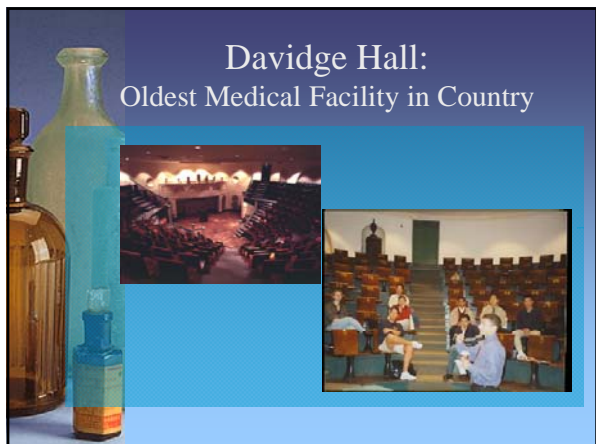
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Davidge Hall:  
Oldest Medical Facility in Country

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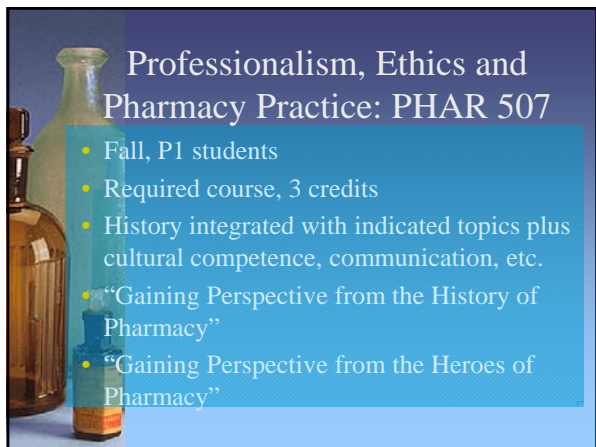
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Professionalism, Ethics and  
Pharmacy Practice: PHAR 507

- Fall, P1 students
- Required course, 3 credits
- History integrated with indicated topics plus cultural competence, communication, etc.
- “Gaining Perspective from the History of Pharmacy”
- “Gaining Perspective from the Heroes of Pharmacy”

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What do you believe?

- History repeats itself.
- If we don't learn from the mistakes of history, we are doomed to repeat them.
- History shows us where we have been to help us decide where we are going.

Boyle CJ. Creating a Contemporary Context for History and Heroes in Pharmacy. *Pharmacy in History* (In Press.)

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Who is this?

- 1135/38-1204
- RaMBaM
- Jewish Philosopher of the Middle Ages
- Physician, Scholar
- Spain to Cairo
- Refused to become King Richard's Royal Physician



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Pledge of Professionalism:  
Oath of ...

- Watch over life and health
- Actuate me
- Grant me strength, time and opportunity
- New light
- "...here I am ready for my vocation and now I turn unto my calling."



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...Support my colleagues by actively encouraging personal commitment to the Oath of Maimonides and a Code of Ethics as set forth by the profession.



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### Objectives

- Relate current issues in pharmacy to events in the history of pharmacy
- List notable accomplishments in history of the University of Maryland School of Pharmacy

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### U.S. Pharmacy History 1852-2002

- Practice
- Science
- Education
- Industry
- Organizations
- Governance

Higby G, Stroud E. eds. American pharmacy. Madison, WI: AIHP, 2005.

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### American Institute of the History of Pharmacy

Mission: to contribute to the understanding of the development of civilization by fostering the creation, preservation, and dissemination of knowledge concerning the history and related humanistic aspects of the pharmaceutical field.



[www.aihp.org](http://www.aihp.org)

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### Before 1852

- Physicians ran most apothecary shops
- Druggists sold wholesale to apothecaries, physicians, surgeons, stores
- Most drugs, chemicals, spices, and medicines imported from England
- Few pharmacy practice laws (free market until 1870's)

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### Revolutionary War (1775-1783)

- Most compounding still done by physicians
- Non-medical practitioners of pharmacy few and no group identity



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### Birth of APhA

- NYC 1851
- Standards for purity
- William Proctor, Jr. (Philadelphia delegation) also sought national pharmacy organization
- National convention in Philadelphia, 1852
- Nine objectives

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## APhA Objectives

- Create Constitution and Code of Ethics
- Support Schools
- Improve selection and training of pharmacy apprentices
- Investigate secret medicines and quackery
- Seek inspection laws for imported drugs
- Adopt National Pharmacopoeia
- Curb sale of poisons
- Separate pharmacy from medicine
- Encourage papers in pharmacy and science

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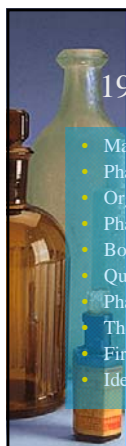
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## 1907 School Schedule (Mon.-Sat.)

- Materia Medica
- Pharm. Lab
- Organic Chem
- Pharm. Chem
- Botany Lab
- Quantitative Chem
- Pharmacognosy
- Therapeutics
- First Aids, Law
- Identification

SCHOOL SCHEDULE - COURSE AND SEMESTER SUBJECTS										
COURSE	FIRST SEMESTER					SECOND SEMESTER				
	1st	2nd	3rd	4th	5th	1st	2nd	3rd	4th	5th
Materia Medica										
Pharm. Lab										
Organic Chem										
Pharm. Chem										
Botany Lab										
Quantitative Chem										
Pharmacognosy										
Therapeutics										
First Aids, Law										
Identification										

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## Clinical Pharmacy

- Eugene V. White- 1960 office practice with patient profile cards
- Impetus from institutional practice
- Ninth Floor Project UCSF 1966 technicians, unit dose, patient profiles, drug information center
- Ideals adopted by APhA in 1969 “full measure of ability as an essential health practitioner”
- Patients, not customers
- Medicare and Medicaid in 1965 stimulated hospital and community practices

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## Why Heroes and Heroines?

- Appreciate progress
- Seize business opportunities
- Respond to quality issues
- Act on beliefs about ‘right’ to health care
- Examine personal leadership skills
- Lead change

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## Heroes of Pharmacy

Professional Leadership  
in Times of Change  
Dennis B. Worthen, PhD

Available at: [www.pharmacist.com](http://www.pharmacist.com)

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### Heroes

- Gender neutral noun
- Legendary figure
- Warrior, courageous person
- Central figure in an event, period
- Person admired for achievements, qualities
- Role model
- Change agent

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### William Procter, Jr. Father of American Pharmacy

- Early Visionary-APhA
- Driving Force-Standards
- Legendary, Courageous, Central, Achievements, Role Model, Change Agent



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### David Stewart, M.D. 1813-1899

- APhA Founder, represented Maryland
- Baltimore Pharmacist with an M.D.
- America's first professor of pharmacy
- Founder of the Maryland College of Pharmacy
- First Chair
- Current: David Stewart Associates (DSA)-Philanthropy

AJPE 23:2 (Spring 1959) 219-230

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### Creating Your Traditions

- Look for people, places and events of significance in your state or region
- Link these to contemporary students and education (professionalism, leadership, entrepreneurship)
- Create recognition and honors
- Set guidelines (naming opportunities)
- Record and tell your stories

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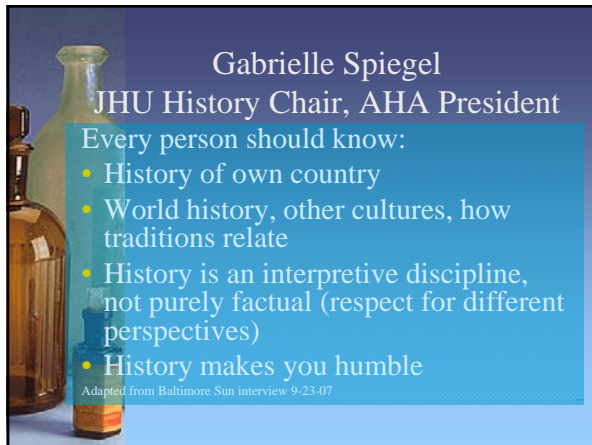
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### Gabrielle Spiegel

JHU History Chair, AHA President

Every person should know:

- History of own country
- World history, other cultures, how traditions relate
- History is an interpretive discipline, not purely factual (respect for different perspectives)
- History makes you humble

Adapted from Baltimore Sun interview 9-23-07

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### History is being made.

[www.healthcare.gov](http://www.healthcare.gov)

Effective Leadership and Advocacy  
PHMY 598

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