Meeting the ACPE History Guidelines: A Quick Survey

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History of Pharmacy
ACPE Appendix B “Elements”

• overview of the evolution of pharmacy as a distinct profession
• moving from focus on the drug to focus on the patient and the drug, including clinical pharmaceutical care and other aspects of patient-provided pharmacist care
• major milestones and contributors in the evolution of pharmacy
“Methodology”

• Sent out an email to deans asking them to fill out a brief survey (SurveyMonkey)
• Received 43 responses
• Asked how history content taught
  – Required or elective; small # vs. large # of lectures in required; or spread across
• Name of contact in charge of history
• A preliminary survey, of course
• “More Study is Needed!!”
Common Approaches

- Small number (2-5) of lectures in required course [23]
- Information spread throughout curriculum [20]
- One lecture in a required course [10]
- Elective courses [11]
Other methods

- Preceptors [3]
- Large # of lectures in required [3]
- Invited all-School lecture [1]
- Required history course [1]
- Required history readings/web modules without lectures [?]
Different Approaches (n=43)

- Small # in a Required (23)
- Spread Throughout (20)
- Elective Course (11)
- 1 Lecture in Required (10)
- Large # in Required (3)
- Preceptors (3)
- Required Course (1)
- Invited School Lecture (1)
Lectures in Required Course

• Three is most common number
• Usually start of Introduction/Orientation to Pharmacy
• Content focused on Profession
  – Changing Role of Pharmacist in Society
    • Broad description of health care “landscape”
  – Nature of “Professionalism”
    • Hope to inspire better behavior?
• Significantly different story between them
Readings usually “Intro” works

Financial Disclosure

- I am the co-editor of *American Pharmacy*
- I am the author of the history chapter in *Remington* and other pharmacy textbooks
- I have received honoraria and royalties in the **low three figures** + author’s copies.
- I am *still* waiting for a couple of those author’s copies……
History Spread Across Curriculum

• “Story” of a particular development
  – Introduction to Pharmacy Practice
  – Intro to Social & Administrative Pharmacy
  – Law &/or Ethics
    • Linear development of law
    • Importance of precedents

• Often tied to specific infrastructure
  – E.g., educational requirement or regulation
Readings often in Textbooks

• McCarthy & Schafermeyer, *Primer*
• Law texts (e.g., Abood, *Pharmacy Practice and the Law*)
• Chapter 2 of *Remington*, “Evolution…”
• Or articles pulled from Web
• Or nothing specifically historical
“That One Lecture in ....”

• Usually first lecture in Orientation
• Or a guest lecture inserted prn
• Quick run through professional history
• “Great Moments in Pharmacy”
  – Parke-Davis painting series
    • Available from AIHP in PowerPoint format
    • Use with Care!
    • Composed and painted in the 1950s
Isolation of Quinine
“Before the Dawn of History”
“Sertuerner -- First Alkaloidal Chemist”
“Two White Guys Compounding a Prescription…”
“That One Lecture in ….”

• Usually first lecture in Orientation
• Or a guest lecture inserted prn
• Quick run through professional history
• “Great Moments in Pharmacy”
  – Parke-Davis (P-D) painting series
• Sometimes tied with history of institution
• Reading, if any, is usually a chapter from Posey, McCarthy, or Kelly
Electives (c. 25% schools)

• Serve several purposes
  – Fulfills minimum requirement for Guidelines
  – Meets specific curricular desires
    • Opportunity for narrative writing exercises
      – Oral History Interviews of “veteran” pharmacists
      – Term papers on expansive topics
    • Exploration of cultural diversity
    • Builds pride in Institution and its History
  – Fills scheduling need (“credits for 3rd years”)

• Faculty explore special interest/hobby
Content of Electives

- Professional >> Scientific developments
- Strong USA focus
- Several still use *Kremers & Urdang’s History of Pharmacy* (1976) alone or in combination with *American Pharmacy*
- Robert Griffith at WVU
  - Medicinal chemist
  - Teaches “History of Drug Discovery”
    - Every pharmaceutical discipline has a history!!
What about those readings?

• Posey
• Kelly
• McCarthy & Schafermeyer
• Higby & Stroud
• Remington history chapter
• Kremers & Urdang

• How well do they meet the Guidelines?
Posey’s Pharmacy: An Introduction to the Profession

- Chapters 2 & 3 “historical”
- About 20 pages + a little in rest of book
- Includes tables with dates and events
- Meets well the basic thrust of guidelines
  - Covers milestones of professional growth
  - Describes the shift from drug to patient focus
  - Lacks depth and broad context
- + Griffenhagen discussion of P-D series
Kelly’s *Pharmacy: What It Is*

- Brief part of chapter 1 (6 pages) historical
- Timeline “history of pharmacy” in chap 3
- Two pages of “brief history” in Pharmaceutical Care chapter 7
- Falls short of meeting Guidelines
  - Insufficient information, scattered in book
- Solid work otherwise -- nice coverage
McCarthy & Schafermeyer’s *Health Care Delivery: A Primer*

- History chapter by Jennifer Tebbi-Grossman, trained social scientist.
- Broad overview of health care in 30+ pp.
- Alone Chap 1 does not fulfill Guidelines
- Essential historical info in other chapters
  - Ch. 3 on Profession, Ch. 6 on Hospitals, Ch. 16 on Managed Care, Ch. 20 on Reform, etc.
- Meets Guidelines if most of book read
Higby & Stroud’s
American Pharmacy

• 18 Sesquicentennial Essays (APhA)
  – Each covers 50 years of history
    • 1852-1902, 1902-1952, 1952-2002
  – Topics
    • Practice, Science, Education, Industry, Law & Regulation, and Organizations

• Only covers period 1820-2002
  – Does not include origins of profession
Remington, Chapter 2, “Evolution of Pharmacy”

- 10 pages (approx. 25 standard book pages)
- Includes “Chronology for Pharmacists”
- Includes detailed bibliography
- Meets Guidelines well (in author’s opinion)
  - From ancients to present era
  - Emphasizes professional development in US
  - Lacks graphics (photos and charts)
- [Old editions contain biographical sketches]
Kremers & Urdang’s *History of Pharmacy*

- Classic text (over 500 pages)
- Covers period from ancients to 1975
- Meets Guidelines (to 1975)
- Great depth in most areas
- Used most commonly in courses with large historical component (6 or more lectures)
New Historical Works of Note


Over 400 pages of reprinted articles from Drug Intelligence and Annals of Pharmacotherapy that document the progress of “clinical pharmacy practice” in USA from 1967 to 2007. $29.95 from Harvey Whitney Books.
Special issue of AIHP’s quarterly *Pharmacy in History* that contains proceedings of 2009 APhA symposium on recent history of pharmacy. Authors include David Brushwood, Calvin Knowlton, Stephen Schondelmeyer, and William Zellmer. $4 from AIHP.
Clinical Pharmacy in the United States

Transformation of a Profession

Heavily illustrated work on evolution of 20th-century American pharmacy practice in societal context. Available from ACCP for $59.95 ($39.95 for members).
2009 Presenters in Boston on meeting the History Guidelines -- Feel Free to Contact Them

• Prof. Robert Buerki, buerki@pharmacy.ohio-state.edu

• Prof. James Culhane, JCulhane@ndm.edu

• Dean David Hawkins, dhawkins@calpharm.org
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Thanks for Listening!

William Procter, “Father of American Pharmacy” by Robert Thom