

Rationale and Objective

- As leaders and role-models in Schools and Colleges of Pharmacy, CEO Deans must have a sufficient background and experience in research and scholarship.
- The primary purpose of this research was to characterize and compare the publication records and bibliometric indices of the current CEO Deans at the Schools and Colleges of Pharmacy (SCOP) in Canada and the United States.

Methods

- This was a cross-sectional study of pharmacy dean publication records and bibliometric indices using the Web of Science (WoS) database.
- Deans were identified using the Canadian web site, Association of Faculties of Pharmacy. The methodology of Thompson and Nahata was used to conduct the WoS searches. The software program developed by Soler was used to separate homologues and calculate bibliometric indices.
- Bibliometric indices generated included: lifetime publications, publications/year, h-index, m-quotient, lifetime citations, citations/year, and average citations/paper.
- The Kruskal-Wallis analysis of variance for nonparametric data was used to assess differences between groups.

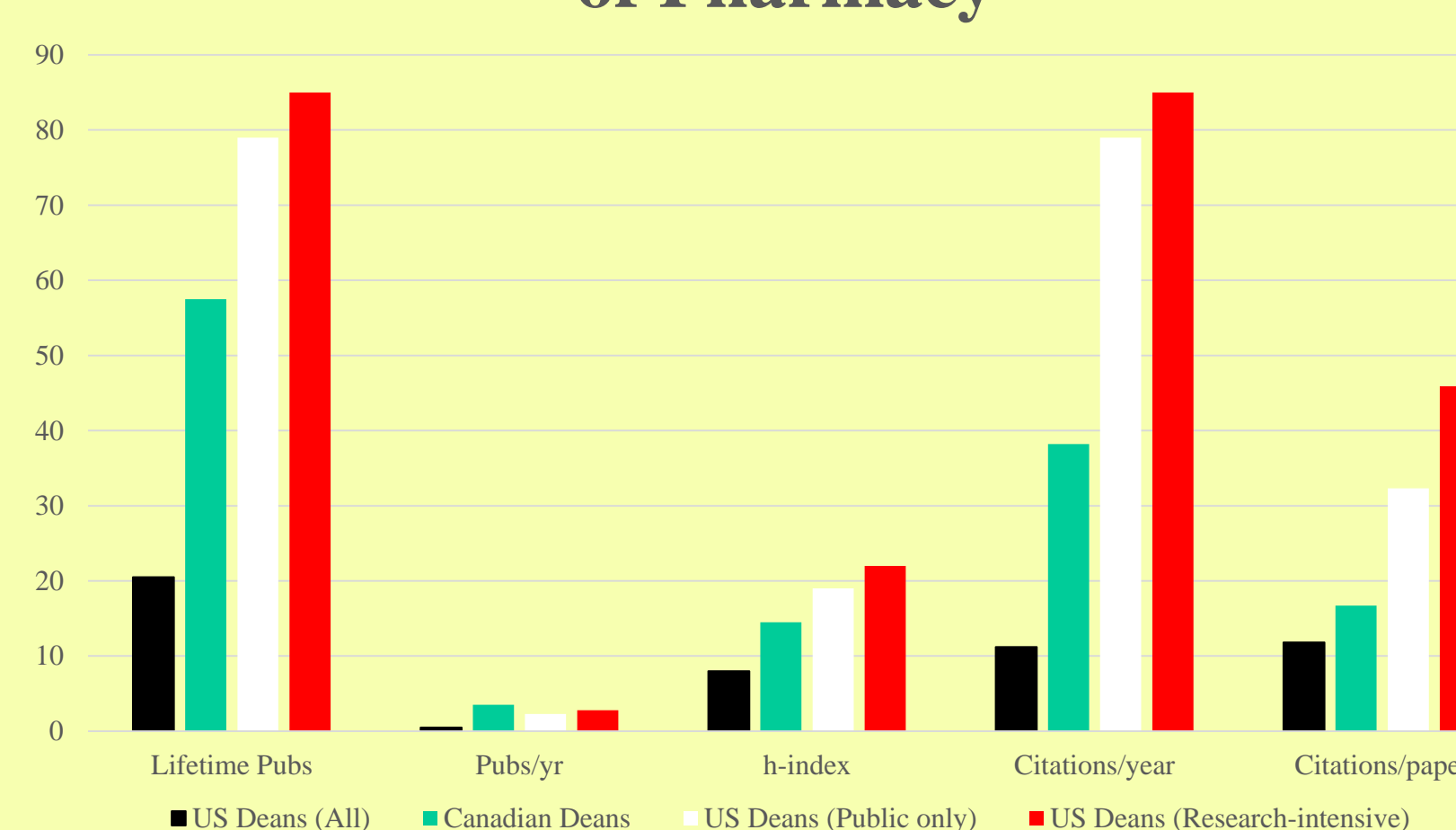
Demographic Data Comparing Canadian Pharmacy Deans with U.S. Pharmacy Deans

	Canadian Deans (n=10)	U.S. Deans (n=124)
Discipline	Pharmacy Practice = 4 (40%) Pharmacy Administration = 2 (20%) Pharmacology = 2 (20%) Pharmaceutics = 2 (20%) Medicinal Chemistry = 0	Pharmacy Practice = 62 (50%) Pharmacy Administration = 16 (13%) Pharmacology = 24 (19%) Pharmaceutics = 10 (8%) Medicinal Chemistry = 12 (10%)
Gender	Male = 5 (50%) Female = 5 (50%)	Male = 96 (77%) Female = 28 (23%)
Terminal Degree	Ph.D. = 6 (60%) Pharm.D. = 3 (30%) Other = 1 (10%)	Ph.D. = 61 (49%) Pharm.D. = 58 (47%) Other = 5 (4%)

Results

- Median bibliometric indices for Canadian pharmacy deans (N=10) vs. United States pharmacy deans (N=124) were as follows:
 - No. of publications = 57.5 vs. 20.5
 - Publications/year = 3.5 vs. 0.5
 - h-index = 14.5 vs. 8
 - Total citations = 628.5 vs. 223.5
 - Citations/year = 38.2 vs. 11.2
- None of the differences were significant at $p < 0.05$.

Bibliometric Indices (Medians) for Canadian and United States Deans of Pharmacy



Canadian and U.S. Pharmacy Dean Lifetime Publications



Implications

- Median bibliometric indices of Canadian pharmacy deans were higher but not significantly different from U.S. pharmacy deans.

Author Disclosure

Authors of this presentation have nothing to disclose concerning possible financial or personal relationships with commercial entities that may have a direct or indirect interest in the subject matter of this presentation.