Trends in Advanced Pharmacy Practice and Professional Development Through Board Certification

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Presentation Disclosure

No Disclosures
Presentation Overview
Objectives

Pharmacists/Pharmacy Technicians

Upon conclusion of the program, the participant should be able to:

- Define credentialing terms used in pharmacy
- Recognize trends and drivers in board certification, advanced practice, and specialization
- Identify the alignment of pharmacy practice, training, and board certification
- Describe the board certification and recertification processes
Board of Pharmacy Specialties (BPS): History and Purpose

- **1973**: Task Force on Specialties in Pharmacy created by the House of Delegates of the American Pharmacists Association (APhA)
- **1976**: BPS was organized as an autonomous division of APhA
  - Recognized specialty practice areas
  - Define standards for recognized specialty areas
  - Evaluate knowledge and skills of individual pharmacy specialists
  - Communicate importance of specialization
- **2017**: Commission for Certification in Geriatric Pharmacy
  - Transferred the Certified Geriatric Pharmacists (CGP) credential to BPS
About the Board of Pharmacy Specialties
Governance and Credentials

Board of Directors

- Specialty Council on Nuclear Pharmacy (1978) [BCNP]
- Specialty Council on Pharmacotherapy (1988) [BCPS]
- Specialty Council on Psychiatric Pharmacy (1994) [BCPP]
- Specialty Council on Oncology Pharmacy (1996) [BCOP]
- Specialty Council on Ambulatory Care Pharmacy (2009) [BCACP]
- Specialty Council on Critical Care Pharmacy (2013) [BCCCP]
- Specialty Council on Pediatric Pharmacy (2013) [BCPPS]
- Specialty Council on Geriatric Pharmacy (1997) [BCGP]
  Moved to BPS in 2017
- Specialty Council on Cardiology Pharmacy (2017) [BCCP]
- Specialty Council on Infectious Diseases Pharmacy (2017) [BCIDP]
- Specialty Council on Compounded Sterile Preparations Pharmacy (2018) [BCSCP]
- Specialty Council on Solid Organ Transplantation Pharmacy (2018) [BCTXP]
  First Exam Fall 2020
- Emergency Medicine Pharmacy
  Petition Received
  First Exam Fall 2022?
- Pain Management Pharmacy
  Role Delineation Study to be developed
Credentials
“*documented evidence of professional qualifications*”

- **Academic Degree** (BPharm, PharmD)
- **License** (RPh)
- **Residency** (PGY1, PGY2)
- **Board Certification** (BCACP, BCPS)
- **Postgraduate Degree** (MClinPharm, MPH, MBA, PhD)
- **Other Certifications** (CDE, BC-ADM)

*Certificates of Completion (CPR, MTM, DM, Immunization)*
Board Certification Overview
“validation of knowledge, skills, and experiences”

- Initial Certification
  - Examination
    - Psychometrically sound and defensible
      - Role Delineation Study (RDS)
      - Content Outline
      - Modified-Angoff Method
  - Renewal of Certification
    - Recertification by Examination
    - Recertification by Professional Development
Test your Knowledge #1

Which one of the following professional pharmacy associations is BPS an autonomous division?

A. American College of Clinical Pharmacists
B. American Society of Consultant Pharmacists
C. American Society of Health-System Pharmacists
D. American Pharmacists Association
Test your Knowledge #2

Which one of the following pharmacy practice areas has BPS received a petition from the profession to be recognized as a new specialty area?

A. Ambulatory Care Pharmacy
B. Critical Care Pharmacy
C. Emergency Medicine Pharmacy
D. Pharmacotherapy
Test your Knowledge #3

Which one of the following credentials can be granted to student pharmacists during their PharmD degree program?

A. Certificate of Completion (CPR, Immunization)
B. License (RPh)
C. Residency training (PGY1, PGY2)
D. Board Certification (BCPS)
American Board of Medical Specialties (ABMS)
Qualitative and Quantitative Consumer Research
Why Certification Matters: What Consumers say about Board Certification

- 82% It is important
- 98% Expect doctors to stay up to date
- 95% Doctors should be required to stay up to date
- 95% Expect doctors to participate in ongoing education and assessment
- 77% Board Certification equals higher quality of care
- 67% They consider Board Certification when selecting a doctor
- 85% Hospitals should be able to require Board Certification
Board Certification in the United States

Trends

Board Certified Physicians

- 20%
- 80%

Board Certified Pharmacists

- 90%
- 10%
Board Certification in the United States

Drivers

- Complexity and pace of change
- Document pharmacist's ability
- Patient-centered cognitive services
- Advanced Pharmacy Practice
- Employers seek credentials for clinical positions
BPS Board Certification Growth Chart:
United States and Internationally
BPS Board Certification Growth Chart:
Internationally

Number of Active Certifications Issued by the Board of Pharmacy Specialties by Specialty Area in the Top 14 out of 39 Countries outside of the U.S. as of December 2019 (Total=4,972)
BPS Board Certification Growth Chart:
United States vs Alaska

Number of Active Certifications Issued by the Board of Pharmacy Specialties Alaska as of December 2019 (Total=133)

- BCACP: 20
- BCNP: 14
- BCSP: 7
- BCNSP: 0
- BCOP: 1
- BCPS: 4
- BCPP: 3
- BCPS: 79
- BCPP: 4
- BCCP: 0
- BCDP: 1
- BCSCP: 0

13%
BPS Board Certification Growth Chart:
United States vs Alaska

Number of Active Certifications Issued by the Board of Pharmacy Specialties
Alaska
as of December 2019 (Total=133)

- **United States:**
  - BCACP: 20
  - BCGP: 14
  - BCCCP: 7
  - BCNP: 0
  - BCNSP: 1
  - BCOP: 4
  - BCPS: 3
  - BCPP: 20

- **Alaska:**
  - BCACP: 0
  - BCGP: 4
  - BCCCP: 0
  - BCNP: 1
  - BCNSP: 0
  - BCOP: 0
  - BCPS: 1

**Growth Comparison:**
- Alaska: 13%
- United States: 29.5%
Advanced Pharmacy Practice
Board Certification in U.S. State Regulations or Statutes

- Collaborative Drug Therapy Management (CDTM)

- Collaborative Practice Agreement (CPA)
Advanced Pharmacy Practice
Board Certification in U.S. State Regulations or Statutes

• Medication Therapy Management (MTM) certificate

• Demonstrates current competency (reciprocity?)
Advanced Pharmacy Practice
Board Certification in U.S. State Regulations or Statutes

- In lieu of state CE requirements

- Receive three (3) contact hours of CE upon successful passing of initial exam
Test your Knowledge #4

Which one of the following options is **NOT** a driver for board certification?

A. Advanced Pharmacy Practice in state regulations and statues
B. Board certification positioned to replace pharmacy education
C. Employers seek credentials for clinical pharmacy positions
D. Profession shifting from product-centered to patient-centered
Test your Knowledge #5

Which one of the following BPS specialty areas has the largest number of active certification issued?

A. Ambulatory Care Pharmacy
B. Geriatric Pharmacy
C. Pharmacotherapy
D. Psychiatric Pharmacy
Test your Knowledge #6

Which one of the following state regulations or statues is board certification NOT a pathway requirement?

A. Collaborative Drug Therapy Management (CDTM)
B. Collaborative Practice Agreement (CPA)
C. Continuing education requirements
D. Medicare Part B Provider Status
Current BPS Specialty Areas

- Ambulatory Care Pharmacy
- Cardiology Pharmacy
- Critical Care Pharmacy
- Compounded Sterile Preparations Pharmacy
- Geriatric Pharmacy
- Infectious Diseases Pharmacy
- Nuclear Pharmacy
- Nutrition Support Pharmacy
- Oncology Pharmacy
- Pediatric Pharmacy
- Pharmacotherapy
- Psychiatric Pharmacy
- Solid Organ Transplantation Pharmacy (Fall 2020)
- Emergency Medicine Pharmacy (Fall 2022?)
BPS Specialty Certification
Eligibility Criteria

- Graduation from pharmacy program accredited by the Accreditation Council for Pharmacy Education (ACPE)
- Current, active license to practice pharmacy

AND
BPS Specialty Certification

Eligibility Criteria

Completion of 3 to 4 years of practice experience** with at least 50% in specialty area (Content Outline)

Completion of a PGY1 residency* (ASHP accredited) PLUS 2 additional years of practice experience** with at least 50% in specialty area (Content Outline)

OR

Completion of a PGY2 specialty residency* (ASHP accredited)

AND

Achieve a passing score on the BPS Pharmacotherapy Specialty Certification Examination
Pharmacotherapy Specialty Certification
Evolving Exam Content Outline

Exam Content through Spring 2020
• Domain 1 — Patient-Centered Pharmacotherapy
• Domain 2 — Drug Information and Evidence Based Medicine
• Domain 3 — System-Based Standards and Population-Based Pharmacotherapy

Exam Content beginning Fall 2020
• Domain 1 — Patient-Centered Pharmacotherapy
• Domain 2 — Application of Evidence to Practice and Education
• Domain 3 — Healthcare Systems and Population Health

Latest Content Outline at www.bpsweb.org/bps-specialties/pharmacotherapy/
Ambulatory Care Pharmacy Specialty Certification
Evolving Exam Content Outline

Exam Content through Spring 2020
• Domain 1 — Patient-Centered Care: Ambulatory Care Pharmacotherapy
• Domain 2 — Patient-Centered Care: Collaboration and Patient Advocacy
• Domain 3 — Translation of Evidence into Practice
• Domain 4 — Practice Models and Policy
• Domain 5 — Population and Public Health

Exam Content beginning Fall 2020
• Domain 1 — Patient-Centered Ambulatory Care
• Domain 2 — Translation of Evidence into Ambulatory Care Practice
• Domain 3 — Ambulatory Care Practice Advancement

Latest Content Outline at www.bpsweb.org/bps-specialties/ambulatory-care/
Digital Badging
### 2018

**Assessment of the perceived value of board certification among employers of pharmacists**

Julie Dopheide, PharmD, BCPP

University of Southern California (USC) Los Angeles, CA

**Association of board certification with acceptance of, and cost avoidance from, clinical pharmacy services in the ICU and ED**

Drayton Hammond, PharmD, BCPS, BCCCP

Rush University Medical Center Chicago, IL

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### 2019

**Assessment of patients’ perceptions on antimicrobial stewardship and attitudes towards board-certified clinical pharmacists within the movement to reduce antimicrobial resistance**

Sheila Wang, PharmD, BCPS

Midwestern – Chicago College of Pharmacy and Northwestern Memorial Hospital in Chicago, IL

**Prevalence and Value of Board Certification Among Pharmacy Practice Faculty at Colleges and Schools of Pharmacy in the United States**

Angela Bingham, PharmD, BCPS, BCNSP, BCCCP

University of the Sciences, School of Pharmacy Philadelphia, PA
BPS PGY2 Seed Grant

Applications to support PGY-2 pharmacy residency research projects. Two funding opportunities of up to $5,000 each are available for projects highlighting the impact of board certification on:

- Improved medication-related outcomes for patients;
- Perceived value of pharmacist specialization across key stakeholder groups (e.g., patients, payers, physicians, and other health care providers); or,
- Successful integration of board-certified pharmacist specialists into institutional credentialing and privileging processes.

For additional details, https://www.bpsweb.org/bps-seed-grant

Percentage of BPS-approved candidates that pass initial board certification examinations differentiated by specialty and eligibility pathway 2015-2018 (n=15,171)

Maintaining Board Certification

“knowledge and skills aligned with specialty practice as demonstrated at initial certification”

- Recertification *every 7 years* to document specialists’ current knowledge and skills
- Represents a board-certified pharmacists’ commitment to career-long learning and continuing competence
- Differentiates certification program from:
  - Pharmacy Degree (BS Pharm, PharmD)
  - Pharmacy License (RPh)
  - Pharmacy Residency Program (PGY1, PGY2)
  - Continuing Education Programs (Knowledge, Application, Practice)
Test your Knowledge #7

Which one of the following certification eligibility pathways is used by most BPS candidates?

A. Practice experience
B. PGY1 residency training
C. PGY1 residency training and practice experience
D. PGY2 specialty residency training
Test your Knowledge #8

Which one of the following certification eligibility pathways has the highest pass rate?

A. Practice experience
B. PGY1 residency training
C. PGY1 residency training and practice experience
D. PGY2 specialty residency training