

CURRICULUM VITAE

ANTHONY BLASH, PHARM.D., BCOMPSC, CPHIMS, CAHIMS

EDUCATION

CPHIMS (Certified Professional in Healthcare Information and Management Systems) Certification	Healthcare Information and Management Systems Society (HIMSS)	2017
CAHIMS (Certified Associate in Healthcare Information and Management Systems) Certification	HIMSS	2017
Doctor of Pharmacy	Creighton University	2000
Pharmacy Informatics Residency	Creighton University	1996
B.S. Pharmacy	Long Island University	1995
B.S. Computer Science	Kean University	1991

PROFESSIONAL LICENSURE

Registered Pharmacist

Tennessee	2018
California	2018

TEACHING EXPERIENCE

Assistant Professor, Belmont University College of Pharmacy	Nashville, TN
Responsible for the Healthcare Informatics concentration in the Doctor of Pharmacy Degree program. The Health Informatics concentration is a series of four classes designed to prepare the student to demonstrate knowledge of health IT and management systems, facilitating entry-level careers in health IT positions, residencies or fellowships. These classes are also designed to be a pathway to the Certified Associate in Healthcare Information and Management Systems (CPHIMS) credential, an internationally recognized Healthcare Information Technology certification administered by the Healthcare Information and Management Systems Society (HIMSS).	
HIMSS Approved Education Partner (AEP), 2015 – 2018	
Responsible for Belmont University College of Pharmacy becoming a charter member of an exclusive group authorized to offer HIMSS-approved review courses and training programs that prepare candidates for advanced knowledge in health IT or healthcare, as well as sitting for the CAHIMS and CPHIMS exams. (Dr. Blash is quoted on the HIMSS AEP website at http://www.himss.org/get-involved/approved-education-partner)	

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<p>As a HIMSS Approved Education Partner, Belmont University’s College of Pharmacy becomes the only pharmacy school in the world with a healthcare informatics concentration leading to an internationally recognized certification in healthcare informatics which may be obtained before experiential rotations, residency inquiries and job searches begin.</p>	
<p>Through a collaboration with Columbia University and the Office of the National Coordinator for Health Information Technology (ONC), redesigned and taught two (of four) original courses covering essential topics for the changing healthcare landscape including Healthcare Data Analytics, Population Health, Care Coordination and Interoperability, Value-Based Care, and Patient-Centered Care.</p> <p>Through a collaboration with Columbia University and the Office of the National Coordinator for Health Information Technology (ONC), redesigned and co-taught a required 1st professional year course which introduces the students to Drug Information and Informatics</p> <p>Average student evaluation for teaching: pending. Student Advisor (12 graduate students), Student Advisor, Class of 2019. Sixth Belmont College of Pharmacy student gains CAHIMS certification.</p>	<p align="center">Spring 2017</p>
<p>PHM 6994.01: Introduction to HealthCare Informatics I</p>	<p align="center">Spring 2017</p>
<p>PHM 6160.01: Introduction to Drug Information and Informatics (Lecture and Lab)</p>	
<p>PHM 6160.02: Introduction to Drug Information and Informatics (Lecture and Lab)</p>	
<p>PHM 6160.03: Introduction to Drug Information and Informatics (Lecture and Lab)</p>	
<p>PHM 6160.04: Introduction to Drug Information and Informatics (Lecture and Lab)</p>	
<p>PHM 6994.04: Intermediate Informatics</p>	
<p>Taught two (of four) original courses covering Introductions to Health Information Technology and Management Systems, which prepare students for CAHIMS certification..</p> <p>Through a collaboration with Columbia University and the Office of the National Coordinator for Health Information Technology (ONC), redesigned and co-taught a required 1st professional year course which introduces the students to Drug Information and Informatics</p> <p>Average student evaluation for teaching: pending. Student Advisor (12 graduate students), Student Advisor, Class of 2019. Sixth Belmont College of Pharmacy student gains CAHIMS certification.</p>	<p align="center">Spring 2016</p>
<p>PHM 6994.01: Introduction to HealthCare Informatics I</p>	<p align="center">Spring 2016</p>
<p>PHM 6160.01: Introduction to Drug Information and Informatics (Lecture and Lab)</p>	
<p>PHM 6160.02: Introduction to Drug Information and Informatics (Lecture and Lab)</p>	
<p>PHM 6160.03: Introduction to Drug Information and Informatics (Lecture and Lab)</p>	

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PHM 6160.04: Introduction to Drug Information and Informatics (Lecture and Lab)	
PHM 6994.04: Intermediate Informatics	
PHM 6994.01: Introduction to HealthCare Informatics I	
PHM 6994.04: Intermediate Informatics	
PHM 6994: Intro. to Healthcare & Technology I	Fall 2014
PHM 6994: Intro. to Healthcare & Technology II	
Updated and taught two original courses covering Introductions to Health Information Technology and Management Systems, which prepare students for CAHIMS certification. Average student evaluation for teaching: 5.27/6. Student Advisor (10 graduate students).	
PHM 6994 (Section 2): Special Topics in Info Mgt.	Spring 2014
PHM 6994 (Section 4): Special Topics in Info Mgt.	
Designed and taught two (of four) original courses covering Introductions to Health Information Technology and Management Systems, which prepare students for CAHIMS certification. Average student evaluation for teaching: 5.09/6. Vanderbilt University Medical Center Pharmacy Informatics Resident Teaching Certificate Mentor, Student Advisor (10 graduate students)	
PHM 6255: PHM Practice Experience III	
Taught four sections of our Pharmacy Practice Experience course. Maintained course sections Web sites. Average student evaluation for teaching: 5.14/6.	Spring 2014
Designed and taught original course covering Intermediate Health Information Technology and Management Systems. Average student evaluation for teaching: 5.23/6. Student Advisor (10 graduate students)	Fall 2013
Instructor, non-tenure track, Drake University College of Pharmacy & Health Sciences	
Required Pharmacotherapeutics Recitation	Fall 1996 - Spring 2000
Elective in Drug Informatics	
Internet-Based elective in Drug Informatics	
Internet-Based elective in Drug Information	
Required practicum in Drug Informatics	
Assistant Professor and Informatics Resident, Creighton University School of Pharmacy	
Elective in Drug Informatics	Spring 1996

PUBLICATIONS

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ANTHONY BLASH, PHARM.D., BCOMPSC, CPHIMS, CAHIMS

Forthcoming: Blash, A., Saltsman, C.L., Steil, C. A National Survey on the Current Status of Informatics Residency Education in Pharmacy. (2016) 2016
Currents in Pharmacy Teaching and Learning

Forthcoming: Blash, A., Saltsman, C.L., Steil, C. Standardization of Voluntary Medication Error Reporting Data in the US. (2015) 2015
AJHP

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ANTHONY BLASH, PHARM.D., BCOMPSC, CPHIMS, CAHIMS

- Blash, A Evaluating Clinical Studies. (2000) 2000
Journal of the Iowa Pharmacy Association
- Blash, A, Computer Aided Instruction, A Student's Perspective, (2000) *JAPhA* 2000
- Blash, A, The Internet: An Illustrated Primer, (1998) 1998
Calif. Jnl. Health-System Pharmacy

PRESENTATIONS

- Ficzere CH, Hagan A, Hill K, Ness GL, Blash A. "Evaluating Reading Levels of First, Second, and Third Year Pharmacy Students Compared to the Reading Level of Primary Literature" Poster presented at American Association of Colleges of Pharmacy Annual Meeting, National Harbor, MD 2015
- "Knowledge Management Requirements in Informatics: Are You on the Road to Compliance – Or Is Your Head in the Sand?" presented at American Society of Health System Pharmacists (ASHP) Summer Meeting Informatics Institute, Las Vegas, NV. 2014
- "Clinicians and Database Administrators in cars getting Coffee, Learning to speak each other's language" presented at Healthcare Information Management Systems Society (HIMSS) Summit of the Southeast Healthcare Technology Conference, Nashville, TN 2014
- "What is Pharmacy Informatics" presented on the Healthcare Corporation of America (HCA) Hospital HealthStream Learning Network, available on demand at 167 hospitals globally, Nashville, TN 2014
- "Order Source Refresher Education" presented on the Healthcare Corporation of America (HCA) Hospital HealthStream Learning Network, available on demand at 167 hospitals globally, Nashville, TN 2014
- "Informatics and Pharmacy" guest speaker, panel discussion during the Belmont University College of Pharmacy Dean's Hour Course, Nashville, TN 2014
- "Meaningful Use: Stages 1, 2, and 3 Decoded" presented at Healthcare Information Management Systems Society (HIMSS) Summit of the Southeast Healthcare Technology Conference, Nashville, TN 2013
- "Pharmacy Informatics" guest lecture for Belmont University Pharmaceutical Studies Undergraduate Freshman Seminar, Nashville, TN 2013

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“Informatics and Pharmacy” guest speaker, panel discussion during the Belmont University College of Pharmacy Dean’s Hour Course, Nashville, TN	2013
“Safety – Improving the medication use process – Summary of a JCAHO resource.” presented at the Reno / Sparks Tribal Health Clinic Annual Meeting, U.S. Public Health Service, Reno, NV	2004
“Medication Error Analysis.” presented at the Reno / Sparks Tribal Health Clinic Annual Meeting, U.S. Public Health Service, Reno, NV	2003
“The Personal Digital Assistant: Incorporating its use into Clinical Practice” presented at American Society of Health System Pharmacists (ASHP) Midyear Clinical Meeting, Las Vegas, Nevada	2000
“Exploring the Internet for Drug Therapy Literature” presented at the Iowa Pharmacy Association's Annual Meeting, Des Moines, IA	1999
“The Internet: Incorporating Its Use Into Clinical Practice” presented at American Society of Health System Pharmacists (ASHP) Midyear Clinical Meeting, Las Vegas, Nevada	1998
"Internet 102: The Healthcare Professional and the Internet" (0.1 CEU) seminar presented at Nebraska Society of Health-System Pharmacists Annual Fall Seminar, Omaha, NE	1998
“Internet 101: Internet Basics” (0.1 CEU) seminar presented at Nebraska Society of Health-System Pharmacists Annual Fall Seminar, Omaha, NE	1998
"Pharmaceutical Informatics"; seminar presented at National Association of Boards of Pharmacy & American Association of Colleges of Pharmacy District III Annual meeting, Charleston, SC	1998

PROFESSIONAL EXPERIENCE

Pharmacy Informaticist (Corporate Headquarters) Adventist Health West, Roseville, CA 2011-2013

Responsible for Clinical Decision Support initiatives leading to safe distribution and drug administration in Computerized Provider Order Entry for patient care across 19 hospitals and 275 ambulatory clinics in California, Hawaii, Oregon and Washington.

Activities included:

Preceptor, Pharmacy Informatics APPE and PGY1 rotation	2013
Architect and Project Manager , The Patient Safety (Leapfrog) Initiative	2011-2013
Chair, Clinical Decision Support Task Force	2011-2013
Project IntelliCare, Cerner Millennium Rollout, Adventist Medical Center – Portland, OR	2011
Project IntelliCare, Cerner Millennium Rollout, Tillamook County General Hospital, Tillamook, OR	2011
Project IntelliCare, Cerner Millennium Rollout, Ukiah Valley Medical Center, Ukiah, CA	2011

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Project IntelliCare, Cerner Millennium Rollout, Frank R. Howard Memorial Hospital, Willits, CA 2011

Clinical Pharmacist Specialist, Applied Clinical Informatics, Atlanta Medical Center, Atlanta, GA 2006-2011

Responsible for safe distribution and drug administration for patient care; leading pharmacy informatics projects, supervising technicians; order entry; drug monitoring and providing drug information to nurses and physicians.

Activities included:

Tenet Project IMPACT Cerner Millennium Rollout	2010
Tenet Project IMPACT Clinical Standards Advisory Team	2010
Tenet Project IMPACT PharmNet PPN CPOE rollout	2010
Tenet Project IMPACT ClinDoc Pharmacy design / workflow for interventions	2010
Tenet Project IMPACT Standardization of Order Sets for CPOE	2010
Tenet Project IMPACT Medication Reconciliation Process / Cerner Millennium	2010
Pharmacy Software (STAR) computer input / system table maintenance.	2008-2009
Educator, Pharmacy Staff Technology Tools	2008-2009
Project Manager, Clinical Guidelines to Intranet	2008-2009
Project Manager, Formulary to Intranet	2008-2009
Project Manager Intranet Formulary Management	2009
Creator, Formulary Meta-Analysis Computer Program	2009
Intranet Creator / Coordinator / Analysis, Department of Pharmacy	2009
Pharmacy Information Systems Support Issue Resolution	2009
Member, New Technology Evaluation Committee	2009
Manager, Clinical Pharmacy Interventions Software Updates /User initiated Changes	2009
Database Administrator, Databases / Queries included:	2008-2009
Anticoagulants needing Pharmacokinetics Consults	
Antibiotics needing Pharmacokinetics Consults	
Heparin Assay Calculation Worksheet	
Clinical Pharmacist Interventions	
Analysis of Medication Errors	
Prescribing Habits in the Medical Center	
Pharmacoeconomics and Outcomes Research	
Inactive Medications on Formulary	

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MILITARY SERVICE

Billet O-4 Lieutenant Commander, Senior Pharmacist, U.S. Public Health Service, Reno, NV 2005-2006

Responsible for safe distribution and drug administration for patient care; leading pharmacy informatics projects, supervising technicians; order entry; drug monitoring and providing drug information to nurses and physicians.

Billet O-4 Lieutenant Commander, Interim Chief, Pharmacy Services, U.S. Public Health Service, Reno, NV 2003-2005

In charge of operation and management of the overall Pharmacy Program at an accredited Health Center servicing 5,000 Nevada Native beneficiaries. Supervision of two pharmacists and three technicians.

Billet O-3 Lieutenant, Staff Pharmacist, U.S. Public Health Service, Reno NV 2003

Responsible for safe distribution and drug administration for patient care; supervising technicians; order entry; drug monitoring and providing drug information to nurses and physicians.

CIVILIAN PROFESSIONAL EXPERIENCES (continued)

Clinical Pharmacist Specialist, Informatics, Grady Health System, Atlanta, GA 2000-2003

Responsible for safe distribution and drug administration for patient care; leading pharmacy informatics projects, supervising technicians; order entry; drug monitoring and providing drug information to nurses and physicians.

Activities included:

Chair, Departmental Technology Planning Committee

Chair, Intradepartmental Informatics Committee

Chair, New Technology Evaluation Committee

Chair, Pharmacy Information Support Issue Resolution Committee

Chair, Client / Pharmacy Information System Vendor Issue Resolution Committee

Educator, Resident / Staff Technology Tools

Medical Executive Subcommittee Member, Clinical Informatics

Member, (Computerized Provider Order Entry) Rules Interdepartmental Committee

Author, Restricted Medication Rule for Computerized Physician Order Entry

Author, Adult Antibiotic Dose / Range Checking Rule for Computerized Pharmacist Order Entry

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Author, Pediatric Antibiotic Dose / Range Checking Rule for Computerized Pharmacist Order Entry

Author, Chemotherapy Dose / Range Checking Rule for Computerized Pharmacist Order Entry

Member, Medicaid Claims Testing Committee

Member, Pharmacy Automated Dispensing System (Automed) Committee

Database Administrator, Pharmacy Department

Creator / Project Manager, Pyxis 2000 med station Narcotic Drug Audit

Creator, Online Departmental Pharmacist / Technician work schedule (user updatable).

Project Manager Pharmacy UnitStock (Unit Inspections) Software

Project Manager Pharmacy Technician Certification

Project Manager Pharmacist Online Competence Assessment (Beta Test Site)

Project Manager AHFS First Drug Information Database Contract / Implementation

Project Manager Micromedex, Mobile MDX Drug Information Database Contract / Implementation

Project Manager Clinical Guidelines-to-PDA

Project Manager Georgia Medicaid Formulary-to-Epocrates / PDA

Project Manager Grady Health System Formulary-to-Epocrates / PDA

Project Manager, Staff Certification / Recertification via Internet

Project Manager, Jericho Clinical Data Analysis Reporting System, Investigator, Jericho Data Bleed, Invalid Dx Code

RFI / RFP Author and Project Manager, Physician order entry on PDA

RFI / RFP Author and Project Manager, Clinical Pharmacy interventions

RFI / RFP Author and Project Manager, Physician order entry on PDA

REFERENCES

Available upon request