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Scholarship

While at Belmont University my scholastic contributions have consisted of peer reviewed nationally and internationally distributed applied scholarly works, forthcoming peer reviewed publications, presenting at high profile regional professional conferences and participating in a peer reviewed panel discussion at an international conference. My research interests are healthcare analytics, pharmacy informatics, healthcare informatics, clinical decision support in electronic health systems and the scholarship of teaching and learning (SoTL).

I have two distributed works, "What is Pharmacy Informatics" and "Order Source Refresher Education" presented on the Healthcare Corporation of America (HCA) Hospital HealthStream Learning Network, available on demand at 167 hospitals in the United States and the United Kingdom. The first is an online streaming multimedia lecture introducing the audience to the concept and characteristics of Pharmacy Informatics as a subspecialty and the second examines recent important changes to Medicaid claims processing, Computerized Provider Order Entry and the HCA electronic medical record. The lecture also examines how those changes compare to the original planning and designs, and the potential impact to the safety of the patient.

One of my forthcoming articles, now undergoing revision, examines the inconsistencies associated with voluntary medication error reporting data in the United States and the changes in the formatting and aggregation as a result of congressional legislation. These changes will affect the way we report, collect and analyze medication errors, but have not been widely publicized. The other article examines the relatively new residencies in pharmacy informatics by conducting a survey of the residency directors. The findings help establish the characteristics of the programs while highlighting common achievements and barriers.

I am a founder of three academic writing groups; one within the College of Pharmacy here at Belmont University, an inter-university collaboration between Belmont's School of Nursing and the College of Pharmacy and a national group of pharmacy informaticians. The intra-collegiate group has just published a poster entitled "Evaluating Reading Levels of First, Second, and Third Year Pharmacy Students Compared to the Reading Level of Primary Literature". The poster was presented at American Association of Colleges of Pharmacy Annual Meeting in National Harbor, MD., and expect to submit an article which examines the findings in detail shortly. The inter-collegiate group is focused on some surprising findings related to prescription drug use



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that revealed themselves during an analysis of New York City Collision data. We are still in the data collection phase, but the article has generated a lot of interest. My national writing group has just completed the ordering of topics for publication and will shortly begin planning research methods for our first topic, The Drug Supply Chain Security Act and its Implications for Hospitals, Providers and Patients.

In addition to peer reviewed nationally and internationally distributed applied scholarly works and peer reviewed publications, I have also presented at regional and international professional meetings. For the American Society of Health System Pharmacists (ASHP) I participated in a panel discussion and presented on knowledge management in the electronic health record at their Summer Meeting Informatics Institute in Las Vegas, NV. Our distinguished colleague Leslie Makowiak, EHR Portfolio Director at Vanderbilt University Medical Center invited me to speak and was the panel moderator. This presentation and panel discussion was a great opportunity to help other Health Information Technology (HIT) clinical experts understand the importance of maintaining a library of the refinements implemented in their institutional electronic medical records and was well received.

On the following pages I have provided a list of the scholarly work I have undertaken since joining Belmont University in August 2013.

PEER REVIEWED PUBLICATIONS:

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

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

“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



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NATIONAL / INTERNATIONAL PROFESSIONAL PANEL

“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

REGIONAL PROFESSIONAL CONFERENCE PRESENTATIONS

“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

“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

NATIONAL / INTERNATIONAL ACADEMIC POSTER

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

BELMONT UNIVERSITY GUEST LECTURES

“Pharmacy Informatics” guest lecture for Belmont University Pharmaceutical Studies Undergraduate Freshman Seminar, Nashville, TN, 2013

“Informatics and Pharmacy” guest speaker, panel discussion during the Belmont University College of Pharmacy Dean’s Hour Course, Nashville, TN 2013

“Informatics and Pharmacy” guest speaker, panel discussion during the Belmont University College of Pharmacy Dean’s Hour Course, Nashville, TN, 2014



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CERTIFICATIONS ACHIEVED

CPHIMS (Certified Professional in Healthcare Information and Management Systems) Certification	Healthcare Information and Management Systems Society (HIMSS)	2014
CAHIMS (Certified Associate in Healthcare Information and Management Systems) Certification	HIMSS	2014

Standardization of Voluntary Medication Error Reporting Data in the US

Standardization of Voluntary Medication Error Report Data

Anthony Blash^a, Connie L. Saltsman^b, Condit Steil^a

^a Dept. of Pharmacy Practice, Belmont University College of Pharmacy, Nashville, TN

^b Clinical Services Group, HCA Management Services, L.P., Nashville, TN

Corresponding Author: Anthony Blash

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Article Keywords: Medication error reporting data; aggregation, analytics

The authors state that we have no conflicts of interest to disclose.

This manuscript has not been previously published and is not under consideration for publication elsewhere.

A National survey on the current status of Informatics / Information Technology Residency Education in Pharmacy:

BACKGROUND: The dramatic increase in the need for Health Information Technology professionals expected over the coming years will place a heavy strain on the current health care system.¹ Information technology / Informatics pharmacy residents need to be prepared to interact with technology and technology experts in the new healthcare environment. The objective of this study was to identify the characteristics of informatics pharmacy residency programs within the United States.

DESIGN, SETTING, PARTICIPANTS: Information compiled from survey, residency and institution websites was analyzed. An original survey was e-mailed to all the informatics pharmacy residency directors in the United States (N = 24).

RESULTS: An 83% response rate was achieved (n = 20). 100% of Informatics pharmacy residencies had a required PGY1 general curriculum. 27% percent of the programs required 36 days of pharmacy staffing during the 1-year residency, and 23% required 12 days or less of pharmacy staffing. Hospital (77%) & administrative offices (14%) were the predominant training sites for Information Technology / Informatics in Pharmacy. Training was most often offered in a block format. The average number of informatics pharmacy preceptors available to teach informatics was 6 per program (6 full-time equivalents). Availability of curricular offerings in healthcare informatics in colleges and schools of pharmacy was ranked as the most significant barrier to Informatics pharmacy residency education. 95% receive Electronic Health Record (EHR) analyst training in the EHR in use at the facility. 5% receive training on MEDITECH, 14% on Cerner, 41% on Epic, and 27% on "other". 45% are accredited by the American Society of Health-System Pharmacists (ASHP), while 35% are ASHP candidates, 10% are ASHP pre-candidates and 10% are unaccredited.

CONCLUSIONS: An ASHP approved informatics curriculum is now included in most informatics pharmacy residency programs. Emphasizing informatics in graduate curriculums helps ensure that these residents are equipped to assume key roles in the technological transformation of healthcare.



Order Source Refresher Education

Introduction to Pharmacy Informatics



Knowledge Management

Anthony Blash, Pharm.D., BCompSc, CPHIMS, CAHIMS
Assistant Professor, Pharmacy Informatics and Analytics

Department of Pharmacy Practice
Belmont University College of Pharmacy
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WHAT ATTENDEES ARE SAYING



Brent F. posted an update to **Knowledge Management Requirements in Informatics: Are You on the Road to Compliance - Or is Your Head in the Sand?**

Packed room for I2 session on Knowledge Management.



4 Likes

[See Activity](#)



Carol W. posted an update

Meet authors Susan Cantrell and Sara White. Signing books now in the ASHP Store. #ashpsm.



Anthony Blash

From: Educserv Mailbox <educserv@ashp.org>
Sent: Wednesday, June 11, 2014 9:42 AM
To: Educserv Mailbox
Subject: Thank you for presenting at the 2014 ASHP Summer Meetings

Dear Presenters,

Thank you for presenting at the 2014 ASHP Summer Meetings. The program could not be successful without your hard work and dedication. It has been a pleasure to work with you. We hope that you found the experience both professionally and personally rewarding and we look forward to working with you again!

Honoraria

If you were eligible for honorarium and we received your completed W-9 by June 1, your honorarium check will be mailed on June 30. You should receive it within 7-10 business days. If you did not send in your W-9 by June 1, we cannot guarantee your check will be sent on June 30. For those of you with outstanding W-9s, you would have received a reminder email with instructions on how to submit.

Evaluations

The comments received onsite while we were in Las Vegas were very positive regarding the educational programming specifically. In the upcoming weeks, we'll be sharing the attendee session evaluations with your Program Chair.

If you have any questions, comments or suggestions, please do not hesitate to contact us. On behalf of ASHP and our members...thank you!

Best regards,
Michelle Abalos and Barbara Nussbaum

Educational Services Division
American Society of Health-System Pharmacists®
7272 Wisconsin Avenue
Bethesda, MD 20814
eFax: 301-634-5978
educserv@ashp.org

SUMMIT OF THE SOUTHEAST **2014**

Driving the Future of Healthcare Technology

Sept. 15, 2014 - Monday

9:00 a.m. – 4:30 p.m.	CPHIMS Review Course	Rm 207D
12:00 p.m. – 5:00 p.m.	Booth Setup & Exhibitor Registration	Exhibit Hall A1
3:30 p.m. – 5:30 p.m.	TN HIMSS Board Meeting	Rm 208 A
6:00 p.m. – 8:00 p.m.	Healthcare IT Leadership Reception (<i>Invitation Only</i>) <i>Sponsored by InterSystems, Charter Business, RedSpin</i>	Davidson Ballroom A

Sept. 16, 2014 - Tuesday

7:30 a.m.	Registration Open	Outside Exhibit Hall A1
8:00 a.m.	Continental Breakfast <i>Sponsored by AirWatch, Sword and Shield</i>	Exhibit Hall A1
8:00 a.m.	Exhibits open for the day	Exhibit Hall A1
9:45 a.m. – 10:00 a.m.	Welcome and Opening Comments Gene Mage <i>Executive Director - Center for Executive Education, Belmont University</i>	Rm 207A-C
10:00 a.m. – 11:00 a.m.	Population Health Management Kent Bottles, M.D. <i>Chief Medical Officer, Pershing Yoakley & Associates sponsored by SoftwareONE</i>	Rm 207A-C
11:15 a.m. – 12:45 p.m.	Lunch <i>Sponsored by MedHost</i>	Exhibit Hall A1
1:00 a.m. – 2:00 p.m.	Personalized Medicine Paul Rein <i>COO and CFO, Sarah Cannon Research Institute Sponsored by c3/consulting</i>	Rm 207A-C

7:00 a.m.	Exhibits open for the day.	Exhibit Hall A1
7:00 a.m. – 8:30 a.m.	Continental Breakfast <i>Sponsored by AirWatch, Sword and Shield</i>	Exhibit Hall A1
8:30 a.m. – 9:30 a.m.	Disruption Healthcare's New Business Models Michael Burcham President & CEO, Nashville Entrepreneur Center <i>Sponsored by c3/consulting</i>	Rm 207A-C
9:30 a.m. – 10:30 a.m.	Improving Patient Care Through Big Data Stephen Ober, M.D. Senior VP and Chief Medical Officer, Emdeon <i>Sponsored by Divurgent</i>	Rm 207A-C
10:30 a.m. – 12:00 p.m.	Patient Engagement Dave de Bronkart e-Patient Dave <i>Sponsored by Midas +</i>	Rm 207A-C
12:00 p.m. – 2:00 p.m.	Lunch <i>Sponsored by Lexmark</i>	Exhibit Hall A1
2:00 p.m. – 3:00 p.m.	Game-ification Raja Ramachandran Director of Product Management, Change Healthcare	Rm 207A-C
2:00 p.m. – 3:00 p.m.	Clinicians and DBAs in Cars with Coffee: Learning to Interpret Each Other's Language Anthony Blash, PharmD, BCompSc, CPHIMS, CAHIMS Assistant Professor, Pharmacy Informatics and Analytics Belmont University College of Pharmacy	Rm 207-D
3:00 p.m. – 4:00 p.m.	HIT Adoption: Recommendations and Lessons Learned Julie Luengas CNIO and VP Informatics, St. Thomas Health	Rm 207A-C
4:00 p.m.	Closing Remarks	Rm 207A-C



SUMMIT OF THE SOUTHEAST 2014

Clinicians and Database Administrators in cars getting Coffee

Anthony Blash, Pharm.D., BCompSc, CPHIMS, CAHIMS
Asst. Prof. of Informatics and Analytics
Belmont University College of Pharmacy



Anthony Blash

From: Genevieve Ness
Sent: Thursday, September 18, 2014 2:36 PM
To: Anthony Blash
Subject: FW: Faculty News

YAY!! Congratulations!!

Genevieve Lynn Ness, Pharm.D.

Director, Christy Houston Foundation Drug Information Center
Assistant Professor of Pharmaceutical, Social and Administrative Sciences
Belmont University College of Pharmacy
1900 Belmont Boulevard
Nashville, TN 37212
Phone: 615-460-5710
Email: genevieve.ness@belmont.edu

From: Cathy Ficzero
Sent: Thursday, September 18, 2014 2:27 PM
To: Adam Stout; Bill Nichols; Carey Mosier; Erin Wikle; Ginger Hooper; Mary Lefler; Adam Pace; Alisa Spinelli; Amy Ham; Andrew Webster; Angela Clauson; Angela Hagan; Anthony Blash; Ashton Beggs; Condit Steil; Edgar Diaz-Cruz; Elisa Greene; Eric Hobson; Genevieve Ness; Hope Campbell; Kelley Kinningham; Ken Reed; Kristy Wahaib; Leela Kodali; Leigh Ann Bynum; Lindsay Hahn; Marilyn Odom; Michael McGuire; Montgomery Williams; Phil Johnston; Scott Weston; Steven Stodghill; Traci Poole; Tracy Frame
Subject: Faculty News

Anthony Blash presented "Clinicians and DBAs in cars with coffee: learning to interpret each other's language" at the Summit of the Southeast: Driving the Future of Information Technology at the Music City Center on September 17th.

Cathy H. Ficzero, Pharm.D., BCPS | Associate Professor and Chair, Pharmacy Practice
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Meaningful Use: Stages 1, 2, and 3 Decoded

Pharmacy Informatics Explained



Anthony Blash, Pharm.D., BCompSc.

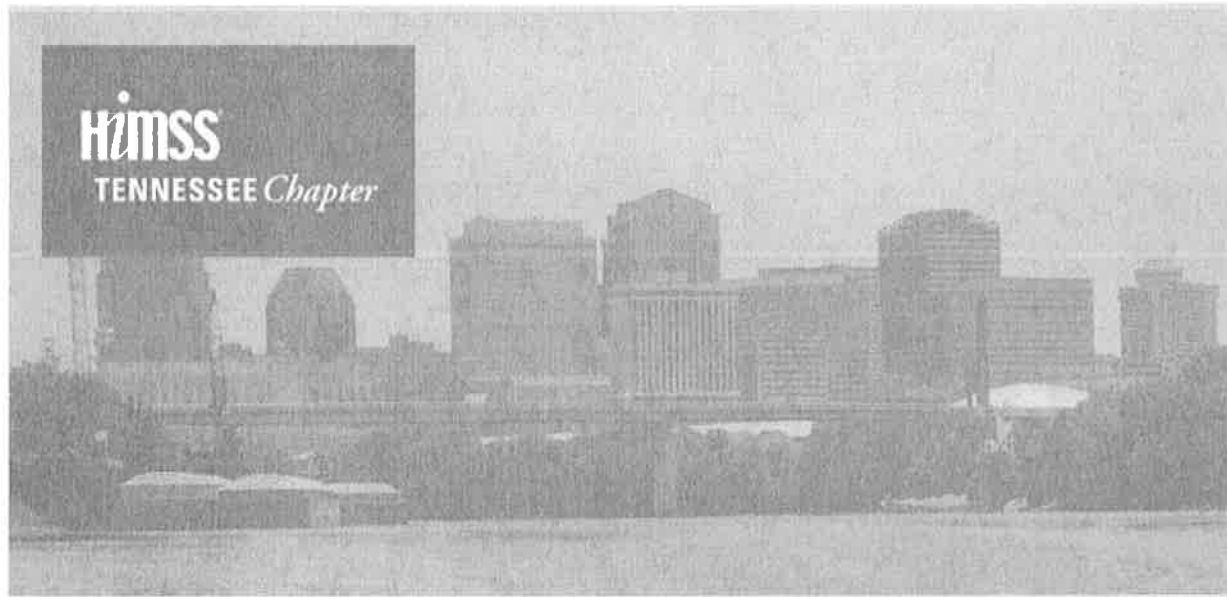
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Thank you to the nearly 1,000 attendees who joined us for an exciting Summit of the Southeast in the newly opened Music City Center in Nashville, Tennessee. You created an atmosphere of questioning, collaboration and openness in exploring new ideas in ways that are bound to impact healthcare and patients in positive ways.

We extend our appreciation to our event speakers and keynotes, including: Dr. Connie Mariano, White House Physician to President Clinton and Founder of the Center for Executive Medicine; Jeff Goldsmith, President, Healthcare Futures; Dr. Mark Blatt, Worldwide Medical Director, Intel; Congressman Marsha Blackburn, U.S. Representative for Tennessee's 7th District; Dr. Blackford Middleton, CIO and Professor of Biomedical Informatics, Vanderbilt University; Ralph Lawson, Immediate Past Chair, HFMA and EVP and CFO, Baptist Health South Florida; and Jennifer Ride, Director of tnREC.

Special thanks to the lively panel discussions of entrepreneurs, policy makers, and big data experts led by Michael Burcham, President and CEO of the Nashville Entrepreneur Center, Miriam Paramore, EVP of Strategy and Product at Emdeon, and Tod Fetherling, Chairman and Founder of Stratasan.

In parallel to our main session, this year we provided a clinical track of guest speakers allowing the opportunity to provide our "clinical audience" a host of speakers that included agenda topics as voice documentation, designing i-informatics for clinicians and pharmacy informatics and patient safety.

We want to thank Nick van Terheyden, CMIO at Nuance Communications; Rashid Ahmad, M.D., CIO



Reading Level of Pharmacy Students and Reading Level of Primary Literature

Cathy H. Ficzere, Pharm.D., BCPS, Angela Hagan, Ph.D., Kayla Hill, Student Pharmacist, Genevieve Lynn Ness, Pharm.D., Elisa Greene, Pharm.D. BCACPS, Anthony Blash, Pharm.D. Belmont University College of Pharmacy, Nashville, TN

INTRODUCTION

- The ability to read and comprehend is fundamental for completing any degree program.
- As educational level increases, this skill becomes more essential due to the volume of reading required by advanced degree programs.
- The reading ability of students has been examined using the Nelson-Denny Reading Test (NDRT)
 - Standardized examination assessing vocabulary, reading comprehension and the rate at which a student reads.¹
 - May be used to predict the academic performance of students on standardized tests such as the following:
 - Pharmacy College Admissions Test (PCAT)²
 - The National Physical Therapy Licensure Examination³
 - United States Medical Licensing Examination (USMLE)⁴
- NDRT results in pharmacy students has been compared to reading level of tertiary literature⁵

OBJECTIVE

To evaluate pharmacy students' reading levels using the Nelson-Denny Reading Test (NDRT) and compare these results with the reading level of primary literature.

METHODS

- Demographics
 - Age, gender, race/ethnicity
 - Highest degree attained prior to enrollment
 - Primary language
- Reading for personal enrichment (type and frequency)
- Brief Mood Introspection Scale
 - 4-point Likert scale for present mood
 - Drowsy, Happy, Grouchy, Tired, Nervous, Calm

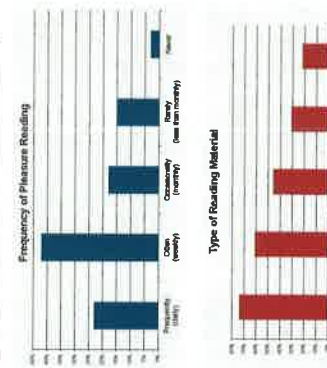
METHODS (continued)

- Nelson-Denny Reading Test (NDRT)
 - NDRT administered to first-, second-, and third-year pharmacy students
 - Components of NDRT
 - Vocabulary: evaluate definition of 80 words in 15 min
 - Comprehension: read ~600 word passage and answer 38 questions about the reading in 20 min
 - Reading Rate: words read in one minute
 - Grade Equivalents (GE)
 - Total Score = Vocabulary + (2 x Comprehension)
 - GE for Total Score provided in NDRT manual
- Reading Level of Primary Literature
 - 20 clinical trials from 10 journals identified as most frequently publishing Patient-Oriented Evidence that Matters (POEMs)⁶
 - Reading Level assessed by...
 - Gunning Fog Index Readability Formula (FOG Index)
 - Flesch-Kincaid Reading Level (Flesch-Kincaid)
- Reading Score level obtained for each article section: Abstract, Introduction, Methods, Results, Discussion
- Statistical Analysis
 - Statistical Package for the Social Sciences (SPSS) v21
 - Descriptive statistics used for demographic data
 - Pearson correlations for strength and direction of relationships between independent and dependent variables

RESULTS

- Overall response rate 49% (100/203)
 - P1 = 9 students (83% response rate)
 - P2 = 54 students (50% response rate)
- Demographics
 - Gender
 - Male (n=63)
 - Female (n=67)
 - Prior Education
 - Bachelor's degree or higher (n=70)
 - No degree (n=25)
 - Race/Ethnicity
 - White (62%)
 - Asian (11%)
 - African American (18%)
 - Hispanic (3%)

RESULTS (continued)

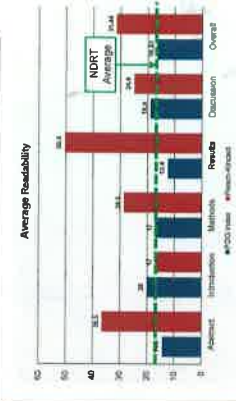


- Nelson-Denny Reading Test
 - Grade Equivalent (GE)
 - Mean ± SD: 16.96 ± 2.1
 - Median: 17.3
 - Range: 9.7-18.9
- Statistical differences in mean GE scores for the following:
 - English, test language: 17.3 ± 1.7
 - Spanish, test language: 13.8 ± 3.6
 - Non-English language spoken at home: mean GE 14.5 v. 3.2 (p < .0005)
 - Only English spoken at home: mean GE 17.3 v. 11.6 (p < .0005)
 - Reading for pleasure, leisure conditions: mean GE 16.5 v. 15.2 (p < .0005)
 - Reading Rate (GE): 17.2 v. 16.0 (p < .0005)
 - Reading Rate (words): 122 v. 102 (p < .0005)

Reading Level of Primary Literature

Section	Flesch-Kincaid			FOG Index		
	Mean	Median	Range	Mean	Median	Range
Abstract	36.5	37	7.2-70.7	14.3	14	8.0-19.5
Introduction	17	17.5	0.9-34.5	20	19.2	18.9-24.7
Methods	26.5	27.2	10-57	17	17.4	11.3-20.6
Results	50.4	49.6	28.7-68.6	12.4	12.6	8.7-20.0
Discussion	24.9	26.2	1.3-40.3	18.9	18.4	15.5-26.0
Overall	31.4	31.4	0.9-70.7	16.5	17	8.7-26

RESULTS (continued)



LIMITATIONS

- Each class was tested at a different time of day and in different classes.
- Distractions were minimized but not able to be completely eliminated
- There was a low response rate in the P1 class due to an exam being held shortly after the NDRT test administration.
- The NDRT exam exceeded class time for the P3 class

CONCLUSIONS

- Pharmacy students had a mean reading score equivalent to a 16.96 grade equivalent (GE)
- Factors affecting the reading score included: English as second language, language other than English spoken at home, and pleasure reading
- Average primary literature reading level according to Flesch-Kincaid was higher than for the FOG Index
- The mean NDRT GE was similar to the mean FOG Index readability but lower than the mean Flesch-Kincaid

REFERENCES

- Erwin JL, Hays W, Harris G. Nelson-Denny Reading Test. Manual for Scoring and Interpretation for Form C. 4th Edition. Chicago: Riverside, 1963
- Reading Psychology. 2nd Edition. McGraw-Hill, Inc. 1938. E-Book 1. Retrieved for medical students. <http://www.mhhe.com/readingpsychology/2e/>
- Medical school admission. <http://www.mhhe.com/readingpsychology/2e/>
- United States Medical Licensing Examination. <http://www.usmle.org/>
- Pharmacy College Admissions Test. <http://www.pcat.com/>
- Alford JL, Allen A, Meehan A, Nussbaum A. Benchmarking of the Nelson-Denny Reading Test to score the reading level of primary literature. <http://www.mhhe.com/readingpsychology/2e/>
- Book H, Berry H, Brennan DC, Brumbyrne AJ. Primary Literature in the medical literature. <http://www.mhhe.com/readingpsychology/2e/>





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March 13, 2014

Phil Johnston
Dean
Belmont University
College of Pharmacy
1900 Belmont Boulevard
Nashville, TN 37212

Dear Mr. Johnston,

HIMSS is pleased to inform you that **Anthony Blash** is a member of an elite group of highly respected leaders with expertise in healthcare information and management systems.

CPHIMS – the Certified Professional in Healthcare Information and Management Systems – is a distinguished credential recognized the world over as the mark of expertise, credibility, excellence, achievement and commitment.

It's not easy to become a CPHIMS. Candidates must satisfy eligibility requirements and pass a challenging exam that focuses on both the healthcare and technology environments, as well as leadership and management skills, plus the full range of systems issues, including:

- Analysis
- Design
- Selection, Implementation, Support and Maintenance
- Testing and Evaluation
- Privacy and Security

As a CPHIMS, **Anthony** has evidenced concentrated knowledge and expertise in the critical and evolving field of healthcare IT and management systems. You have every reason to be proud of **Anthony's** outstanding accomplishment. Congratulations to you and to your organization!

Sincerely,

Julianna Kazragys, CAE
Manager, Certification
HIMSS Professional Development | Career Services



Anthony Blash

Has successfully completed all requirements and is hereby designated a
Certified Associate in
Healthcare Information and Management Systems

February 24, 2014 - February 28, 2017

In witness thereof, the undersigned have affixed their signatures



Chair, HIMSS Board of Directors



President/CEO

governed by





Anthony Blash

Has successfully completed all requirements and is hereby designated a

**Certified Professional in
Healthcare Information and Management Systems**

February 25, 2014 - February 28, 2017

In witness thereof, the undersigned have affixed their signatures

Scott M. Lee

Chair, HIMSS Board of Directors

Steve Dicken

President/CEO

governed by



Anthony Blash

From: Kim Daús
Sent: Tuesday, October 15, 2013 8:09 AM
To: Anthony Blash
Subject: RE: Hey Kim, let's collaborate!

Good morning Anthony,

Yes, Wed., 10.30, at noon is still good for us. Thanks for taking the time out of your busy schedule to talk with the students! We are looking forward to your visit.

Best ~
Kim

From: Anthony Blash
Sent: Monday, October 14, 2013 6:12 PM
To: Kim Daus
Subject: RE: Hey Kim, let's collaborate!

Key Kim are we still on for the 30th of this month? This is an HCA split rotation day but I can reserve the time (unless your class meets 2x/ week). I'm at HCA Wed & Thu these days.

See you on Wednesday October 30th, Hitch Science Building, Room 208, 12:00 - 12:50.

Thanks!

Anthony

-----Original Message-----

From: Kim Daus
Sent: Thursday, August 08, 2013 4:23 PM
To: Anthony Blash
Subject: RE: Hey Kim, let's collaborate!

Hey Anthony! It was great talking with you today! Pharmaceutical Studies Freshman Seminar meets Wednesdays, 12:00-12:50 in Hitch Science Building, Room 208. Some good dates for your visit would be Oct. 16, 23 and 30. Of those dates, the 23rd or 30th would be best for us. If none of the dates work we could look also at some dates in Nov.

Looking forward to this!

From: Anthony Blash
Sent: Thursday, August 08, 2013 4:13 PM
To: Kim Daus
Subject: Hey Kim, let's collaborate!

Nice ta meetcha!

AB

Anthony Blash

From: Phil Johnston
Sent: Monday, July 14, 2014 3:36 PM
To: Anthony Blash; 'khang_tran-tan@bcbst.com'; brian.pack@chs.org
Subject: Teaching in the Dean's Hour class this fall

Anthony, Khang and Brian,

Good afternoon. Each year in Dean's Hour, I ask folks to come as guests and talk with the class about various career options. This year, I want to continue with that model, and ask you if you would please come on Wednesday, November 19, 2014. We meet in room 114 McWhorter Hall from 11AM to 11:50AM on the Belmont campus. I hope you can. Please let me know via email.

Thank you,
Phil Johnston

Day-To-Day Schedule:

Date	Topic	Format and Instructor or Guest of the Day
Wednesday, August 20, 2014	Orientation to the Course, Syllabus review and Understanding the iY Generation of Learners, and Trends in Pharmacy Dreams and Headaches – (compounding, collaborative practice, etc.)	Johnston
Wednesday, August 27, 2014 And September 3, 2014	So, you want to be a pharmacist: A discussion of the traits, history, and opportunities in the pharmacy profession. Knowing Yourself as a Health Care Professional: Maintaining a unique body of knowledge, involved in self-improvement, oriented to service, expressing pride in the profession and maintaining a covenant with the client. We will also discuss exemplifying creativity, being conscientious and trustworthy, being accountable for actions, remaining ethically sound, and providing leadership.	General Discussion Johnston
Wednesday, September 10, 2014	Those who Preceded Us Part 1: Eli Lilly: The Better than Nature Insulin	Lecture and discussion: Johnston
Wednesday, September 17, 2014	Those who Preceded Us Part 2, Johnson & Johnson: A Miracle Biotech Medicine	Lecture and discussion: Johnston
Wednesday, September 24, 2014	Talking with Patients	Presentation and Discussion: Johnston
Wednesday,	Working with other Health Care Professionals; Interpersonal Relationships	Panel presentations and discussion:

October 1, 2014		Johnston and Guest(s)
Wednesday, October 8, 2014	A Pharmacist's Covenant with the Client; What is a Covenant? What is a pharmacist's Covenant?	Role playing – Johnston and
Wednesday, October 15, 2014	Community Pharmacy Options	Guest(s) from Community Pharmacy
Wednesday, October 22, 2014	Pharmacists and Pharmacotherapy	Guest(s) from Pharmacotherapy practice
Wednesday, October 29, 2014	Pharmacists in Missions	Guest(s) from missions practice
Wednesday, November 5, 2014	Pharmacists in Industry and Research	Guest(s) from industry and research
Wednesday, November 12, 2014	Pharmacists as Managers	Guest(s) who practice and teach management
Wednesday, November 19, 2014	Pharmacists and Informatics	Guest(s) who practice in informatics
Wednesday, November 26, 2014	Review Course Content for Final Exam	----
December 5, 2014	Final Examination is scheduled on Wednesday, December 5, 2014 from 1:00PM to 3:00 PM in 114 MCWH	----

Last updated July 14, 2014 by PEJ

Anthony Blash

From: Anthony Blash
Sent: Thursday, February 05, 2015 10:44 AM
To: Allison Bernknopf (Allison.Bernknopf@med.wmich.edu)
Cc: Cathy Ficzere
Subject: RE: [dinf] Informatics
Attachments: Hot Topics Listing-2015.pdf

Hi Allison,

Attached please find a list of the 2015 "Hot Topics" in informatics as identified by the 2014-2015 Educational Steering Committee for ASHP's Section of Pharmacy Informatics and Technology. These topics were chosen to help guide the discussion at this year's annual meeting. Hopefully they can be of use to you and you class.

If you have questions regarding any topics feel free to get in touch.

Best regards,

Anthony Blash, Pharm.D., BCompSc, CPHIMS, CAHIMS Chair, ASHP Educational Steering Committee, Section of Pharmacy Informatics and Technology Assistant Professor, Pharmacy Informatics and Analytics Department of Pharmacy Practice Belmont University College of Pharmacy
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Nashville, TN 37212
Phone: 615-460-5709
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email: Anthony.Blash@Belmont.edu

-----Original Message-----

From: Cathy Ficzere
Sent: Tuesday, February 03, 2015 1:56 PM
To: Anthony Blash
Cc: Allison Bernknopf (Allison.Bernknopf@med.wmich.edu)
Subject: FW: [dinf] Informatics

Anthony,

Can you help Allison out? She is a colleague of mine and I feel that you can give her some scenarios that would be useful.

Thanks!

Cathy

-----Original Message-----

From: Allison Bernknopf, Pharm.D., BCPS [mailto:allison.bernknopf@med.wmich.edu]
Sent: Tuesday, February 03, 2015 1:53 PM
To: Drug Information PRN

Subject: [dinf] Informatics

Hello,

I am going to be discussing informatics in our Management/Pharmacoeconomics course and I would like to have the students determine the feasibility of implementing a pharmacy informatics tool from a management/economic standpoint. I was just wondering what individuals are seeing as the current issues with regards to pharmacy informatics so that I can pick an appropriate tool to revolve the discuss around. Please let me know what your organization is currently discussing. If you don't have a pharmacy specific example, please let me know that as well. I would prefer to focus on pharmacy but many will have to deal with medical informatics in general as well.

Thanks,

Allison

=====
ACCP Drug Information PRN E-Mail List

You are currently subscribed as cathy.ficzere@belmont.edu To post a message, send an e-mail to dinf@prn.accp.com To change your e-mail address or unsubscribe, visit <http://www.accp.com/lists> To search the list archives, visit <http://lyris.accp.com/read/>

Hot Topics



Midyear Clinical Meeting | December 8-12, 2013 | Orlando, FL

*You are the expert! What is "hot" or new in these areas?
Consider submitting a proposal **on the following topics**
identified by the ASHP Section Educational Steering Committees.*

- If your program on one of the topics is accepted, your program will be tagged "Planned in cooperation with the Section of"
- Note: These are **suggested** topics; you are welcome to submit a proposal on a topic not included here.



Section of CLINICAL SPECIALISTS AND SCIENTISTS

1. PPMI and pharmacists roles in reducing 30D readmission rates/transitions of care
2. Obesity guidance for dosing in special populations
3. Updates in solid organ transplant
4. Antimicrobial stewardship in special patient populations
5. Alcohol withdrawal in the inpatient setting
6. Antifungal management including prophylaxis in immunocompromised hosts and new medications
7. Pain, sedation, delirium management in the ICU
8. Antiplatelet/anticoagulants in special patient populations
9. Reversal of new anticoagulants
10. Preceptor Development
11. Stress ulcer prophylaxis updates and guidelines
12. Hypertension, lipid, and obesity guideline updates
13. Geriatric safety issues: how not to harm the geriatric patient
14. Hepatitis C updates [w or w/o HIV coinfection]
15. Drug shortages
16. Oral chemotherapy



Section of PHARMACY PRACTICE MANAGERS

1. Patient focused services in the pharmacy enterprise (transitions of care and VBP)
2. Competency of pharmacy staff to meet future patient care needs
3. PPMI success stories – doing more with the same
4. Use of real time data in pharmacy operations – visual management
5. Specialty pharmacy: business models, accreditation, and Continuity of Care
6. ED service implementation and managing free-standing EDs
7. Advancing roles of technicians: regulatory pathways and compliance
8. Credentialing and privileging: defining process and establishing standards
9. Student experience practice models and non-traditional residency development
10. 340b audits: success strategies and compliance demands
11. CEAs: cost effective analysis essentials
12. Compounded sterile products outsourcing: current and future considerations
13. Benchmarking practices beyond widgets moving to clinical and quality outcomes
14. Supply chain management across health systems: cost, integrity, and standardization
15. Remodeling and construction best practices



Section of
INPATIENT CARE
PRACTITIONERS

1. Drug shortages management
2. Compounded drugs and safety issues
3. CMS update: credentialing, privileging, and the frontline practitioner
4. Evaluating medication errors/medication safety metric development
5. Avoiding medication errors in the HIV-positive inpatient
6. Pediatric medication safety
7. CPOE – practical tips for implementation (spotlighting IDS)
8. New pain sedation delirium guidelines about to be released
9. How prepare preceptors to instruct students with expanded roles
10. Drug security and diversion –implementing safeguards and analyzing data
11. Geriatric medication therapy management
12. Asthma guideline update/review – peds vs. all patients
13. Technician role advancement and support of pharmacists and career development.
14. Advancing clinical programs in small and rural hospitals through strategic resource allocation
15. Safe handling of hazardous medications



Section of
AMBULATORY CARE
PRACTITIONERS

1. ATP IV / hypercholesterolemia update
2. Diabetes and severe insulin resistance
3. New oral anticoagulants for venous thromboembolism
4. Cardiology debate
5. Developing innovative and quality ambulatory care services
6. Managing non-malignant chronic pain
7. Sifting through the plethora of pain guidelines
8. Polypharmacy in the mental health arena
9. Hepatitis C for the ambulatory care practitioner
10. Geriatric pharmacotherapy issues
11. New drug approvals for the treatment of obesity
12. Integrating students and residents into your practice
13. Best practices in transitions in care
14. CPT codes relevant to pharmacist reimbursement
15. Utilizing EMR effectively in the ambulatory care setting



Section of
PHARMACY INFORMATICS
AND TECHNOLOGY

1. Implementing CDS to meet meaningful use of the EHR
2. How to create effective CDS rules
3. Optimization Management with the EMR and CPOE – How to prioritize when everything is important
4. Developing medication order sets to drive prescribing to ensure evidence based practice/value based purchasing
5. Barcode Technology – closing the loop of the medication use process
6. CPOE and pharmacy workflow
7. Mobile health technology
8. Quality improvement/quality assessment of technology
9. Implementing an e-pedigree and track-and-trace compliant medication system
10. Informatics as a subspecialty within pharmacy practice - addressing a PPMI gap
11. Utilizing genomic data within CDS to perfect prescribing
12. Federal oversight of medical devices in healthcare
13. Pharmacy leaders strategizing to optimize technology with the C-suite
14. Integrating pharmacy automation with the hospital information systems
15. Practice management issues for ambulatory care practice

For more information or to suggest other topics, email educserv@ashp.org

Thanks for taking the opportunity to GET INVOLVED!