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Academic Background

Pharm.D. West Virginia University School of Pharmacy, Infectious Diseases, 2009

Certifications

Pennsylvania State Board of Pharmacy, Pharmacist License: RP449244, 2014 (2014 - present)

University of Tennessee, Certificate in Clinical Research, 2013 (2013), Knoxville, Tennessee.

Board of Pharmaceutical Specialties, Board Certified Pharmacotherapy Specialist, 2011 (2011 - present)

Tennessee State Board of Pharmacy, Pharmacist license: 0000035934, 2011 (2011 - present)

American Pharmacists Association, Pharmacy-Based Immunization Delivery Certification, 2010 (2010)

South University School of Pharmacy, Teaching and Learning Development Program Certificate, 2010 (2010)

West Virginia State Board of Pharmacy, Pharmacist license: RP0007534, 2010 (2010 - present)

Georgia State Board of Pharmacy, Pharmacist License: RPH025062, 2009 (2009 - present)

Memberships

Pennsylvania Pharmacists' Association, 2014 - present

American Association of Colleges of Pharmacy, 2011 - present

Infectious Diseases Society of America, 2011 - 2013

American College of Clinical Pharmacy, 2010 - present

Society of Infectious Diseases Pharmacists, 2010 - present

American Society of Health-System Pharmacists, 2008 - 2011

WORK EXPERIENCE:

TEACHING:

INTELLECTUAL CONTRIBUTIONS:

Grid

Category	DBS	CTP	LPS	Total
Articles in Refereed Journals		8	2	10
Articles-in-Progress (All)	1	3		4
Publications in Refereed Conference Proceedings		2		2
Books, Monographs, Compilations, Manuals, Supplements, Chapters, Cases, Readings		1	3	4
Presentations of Refereed Papers		14		14

Refereed Articles

- O'Donnell, L. A. & Guarascio, A. J. (2017). The intersection of antimicrobial stewardship and microbiology: educating the next generation of health care professionals. *FEMS Microbiology Letters*, 364 (1), doi: 10.1093/femsle/fnw281.
- Covey, J. R., Guarascio, A. J., O'Donnell, L., & Tidgewell, K. (in press, 2017). Development and implementation of a global health elective and drug discovery game for pharmacy students. *Pharmacy*.
- Guarascio, A., Nemecek, B., & Zimmerman, D. (2017). Evaluation of students' perceptions of the Socrative application versus a traditional student response system and its impact on classroom engagement. *Currents in Pharmacy Teaching and Learning*.
- Swearingen, S. M. & White, C. (2016). A multidimensional antimicrobial stewardship intervention targeting aztreonam use in patients with a reported penicillin allergy. *International Journal of Clinical Pharmacy*, doi: [Epub ahead of print].
- Guarascio, A. J., Faust, A. C., Sheperd, L., & O'Donnell, L. A. (2015). Ebola Virus Disease: Roles and Considerations for Pharmacists. *ANN PHARMACOTHER*, 49 (2), 247-249, doi: 10.1177/1060028014561782.
- Guarascio, A. J. & Slain, D. (2015). Review of the New Delayed-Release Oral Tablet and Intravenous Dosage Forms of Posaconazole. *PHARMACOTHERAPY*, Epub ahead of print, doi: 10.1002/phar.1533.
- Finch, N. A., Guarascio, A. J., & Suda, K. J. (2014). Guillain-Barré Syndrome in an Elderly Male Following Influenza Vaccination. *J AM PHARM ASSOC*, 54 (2), 188-192.
- White, C., Guarascio, A. J., & Draper, H. M. (2014). Fatal purpura fulminans and septic shock in asplenic patient with *Streptococcus pneumoniae* bacteremia. *J AM PHARM ASSOC*, 54 (1), 88-90.
- Guarascio, A. J., Slain, D., McKnight, R., Petros, K., & Parker, J. (2013). A matched-control evaluation of an antifungal bundle in the intensive care unit at a university teaching hospital. *International Journal of Clinical Pharmacy*, 35 (1), 145-148.
- Guarascio, A. J., Slain, D., & Cumpston, A. (2013). Tacrolimus Dose Modification in Hematopoietic Cell Transplant Recipients Following a Change in Therapy from Fluconazole to Voriconazole. *International Scholarly Research Notices (formerly ISRN Transplantation)*, 2013, 5.
- Guarascio, A. J., Ray, S. M., Finch, C. K., & Self, T. H. (2013). The clinical and economic burden of chronic obstructive pulmonary disease in the USA. *ClinicoEconomics and Outcomes Research*, 17 (5), 235-245.

Refereed Proceedings

Full Paper

- Guarascio, A. J., Kokta, N., & Stewart, A. (2017). Antimicrobial Stewardship in Dental Practice: The Development and Impact of a Pharmacy-Led Intervention. *American Pharmacists Association*.
- Guarascio, A. J., Chan, L., Chan-Tompkins, N. H., & Como, J. (2016). Retrospective analysis of adverse events between nafcillin vs. cefazolin for methicillin susceptible *Staphylococcus aureus* infections. *American Society for Microbiology*.

Book Chapters

Refereed

- Guarascio, A. J. (2017). Anti-Infective Agents. In Press, *The APhA Complete Review for Pharmacy*.
- Guarascio, A. J. (2016). Antimicrobial Stewardship in the Intensive Care Unit. *Critical Care Self-Assessment Program: Infection Critical Care I* (pp. 99-113). *American College of Clinical Pharmacy*.
- Guarascio, A. & Nemecek, B. (2015). Laboratory Tests in Infectious Diseases. *Pharmacotherapy Casebook*. McGraw-Hill.
- Guarascio, A. J. (2014). Using Laboratory Tests in Infectious Diseases. In Terry L. Schwinghammer, Julia M. Koehler (Ed.), *Pharmacotherapy Casebook: A Patient-Focused Approach* (pp. 313-315). McGraw-Hill Education.
- Guarascio, A. J. (2014). Anti-Infective Agents. In Peter A. Chyka (Ed.), *The APhA Complete Review for Pharmacy* (pp. 727-754). Washington, D.C.: *American Pharmacists Association*.

Presentation of Refereed Papers

International

- Chan, L., Guarascio, A. J., Chan-Tompkins, N. H., & Como, J. (2016). Retrospective analysis of adverse events between nafcillin vs. cefazolin for methicillin susceptible *Staphylococcus aureus* infections. *American Society for Microbiology*, Boston, Massachusetts.
- Coleman, P., Sears, M., Vaichys, S., Guarascio, A. J., & Nemecek, B. (2015). Evaluation of appropriateness of vaccination procedures of the 13-valent pneumococcal conjugate vaccine and the 23-valent pneumococcal polysaccharide vaccine in a hospital setting. *American College of Clinical Pharmacy Global Conference on Clinical Pharmacy*, San Francisco, California.

Ross, W., Brown, J., Guido, K., Nemecek, B., & Guarascio, A. J. (2015). Vancomycin dosing considerations in patients with liver cirrhosis. American College of Clinical Pharmacy Global Conference on Clinical Pharmacy, San Francisco, California.

Suda, K. J., Khaledi, M. K., Hunkler, R. J., Guarascio, A. J., & Schmader, K. E. (2013). Population-Level Analysis of Outpatient Influenza Antiviral Prescriptions and Influenza-Like Illness Over 12 Years in the United States. European Society of Clinical Microbiology and Infectious Diseases, Berlin, Germany.

National

Kokta, N., Guarascio, A. J., & Stewart, A. (2017). Antimicrobial Stewardship in Dental Practice: The Development and Impact of a Pharmacy-Led Intervention. American Pharmacists Association, San Francisco, California.

Brickett, L., Porter, T., Lee, N., Guarascio, A. J., & Covvey, J. R. (2015). Development of a statewide antibiogram to guide pharmacist recommendations for the treatment of antibiotic-resistant ESKAPE organisms. American Society of Health Systems Pharmacists, New Orleans, Louisiana.

Anderson, E., Winters, S., & Guarascio, A. J. (2013). Acute Kidney Injury Associated with Standard-Infusion and Extended-Infusion Piperacillin-Tazobactam in Combination with Vancomycin. ASHP Midyear Clinical Meeting and Exhibition, Orlando, Florida.

Benfer, S. M. & Guarascio, A. J. (2012). Impact of an Antimicrobial Management Intervention on Penicillin-Allergic Patients Receiving Aztreonam. ASHP Midyear Clinical Meeting and Exhibition, Las Vegas, Nevada.

Guarascio, A. J., Slain, D., McKnight, R., Petros, K., Parker, J., Alison Wilson, Carrie Defazio, Arif R. Sarwari (2012). A Matched Case-Controlled Evaluation of an Antifungal Bundle in the Intensive Care Unit at a University Teaching Hospital. Infectious Diseases Society of America Annual Meeting, Boston, Massachusetts.

Moriarty, K. E., Winters, S., & Guarascio, A. J. (2012). Acute Kidney Injury Associated with Extended-Infusion versus Standard-Infusion Piperacillin/Tazobactam in Combination with Vancomycin. ASHP Midyear Clinical Meeting and Exhibition, Las Vegas, Nevada.

White, C. E., Wheeler, J. C., Guarascio, A. J., & Ray, S. M. (2012). Effect of Antibiotic Selection on Incidence of 30 Day Post-Discharge Emergency Department Visits and Readmissions due to Acute Exacerbation of Chronic Obstructive Pulmonary Disease. ASHP Midyear Clinical Meeting and Exhibition, Las Vegas, Nevada.

Brockman, M., Guarascio, A. J., & Nordmeyer, S. (2011). Surveillance of Methicillin-Resistant Staphylococcus aureus Nasal Colonization and Associated Risk of Infection. ASHP Midyear Clinical Meeting and Exhibition, New Orleans, Louisiana.

Guarascio, A. J., Slain, D., McKnight, R., Petros, K., Parker, J., Alison Wilson, Carrie M. Defazio, Arif R. Sarwari (2011). A Matched Case-Controlled Evaluation of an Antifungal Bundle in the Intensive Care Unit at a University Teaching Hospital. American College of Clinical Pharmacy Annual Meeting, Pittsburgh, Pennsylvania.

Guarascio, A. J., Slain, D., McKnight, R., Petros, K., Parker, J., Alison Wilson, Carrie M. Defazio, Arif R. Sarwari (2011). A Matched Case-Controlled Evaluation of an Antifungal Bundle in the Intensive Care Unit at a University Teaching Hospital. Infectious Diseases Society of America Annual Meeting, Boston, Massachusetts.

Presentation of Non-Refereed Papers

International

Guarascio, A. J. (2013). Clinical Pharmacy in the United States. South African Society of Clinical Pharmacy Meeting, Doornkloof, South Africa.

Guarascio, A. J. (2013). Role of the Pharmacist in the Hospital Environment. South African National Pharmacy Conference, Sun City, South Africa.

National

Guarascio, A. J. (2013). Clinical Pearls 2013: Pneumococcal Vaccination in Adults: And Then There Were Two. ASHP Midyear Clinical Meeting and Exhibition, Orlando, Florida.

Guarascio, A. J. (2013, December). Debates in Therapeutics 2013: Linezolid and Serotonin Syndrome. ASHP Midyear Clinical Meeting and Exhibition, Orlando, Florida.

Grants

Funded

2015: Stewart, A., Kokta, N., & Guarascio, A. J., Appropriate Antimicrobial Selection in Dental Practice, Co-Investigator, Pennsylvania Pharmacists Association Educational Foundation December 2015.

2013 [Year 2 of 2]: Guarascio, A. J., Rowe, A. S., Tice, D., Hamilton, L., & Laizure, C. Serum and Sputum Concentrations of Piperacillin/Tazobactam Following an Extended-Infusion Dosing Scheme in Adult Patients with Cystic Fibrosis, Principal Investigator, The Physicians' Medical Education and Research Foundation.

Not Funded

2014: Guarascio, A. J. & Covvey, J. R., Development of a Statewide Antibiogram to Guide Pharmacist Recommendations for the Treatment of Antibiotic-Resistant ESKAPE Organisms, Principal Investigator, Pennsylvania Pharmacists Association.

Pending

2016: Covvey, J. R., Tidgewell, K. J., Guarascio, A. J., & O'Donnell, L., Faculty Development Grant for a Spring Break Away Course or Summer Study Abroad Course, Co-Investigator, Duquesne University Office of International Programs.

Working Papers

Guarascio, A. J. (2017). "Voriconazole-induced periostitis in a patient with normal blood fluoride levels: case report and literature review," targeted for Journal is not in list - being petitioned.

Zimmerman, D., Guarascio, A. J., & Covvey, J. (2017). "Comparison of Treatment Options for Community-acquired Pneumonia Alongside a Pharmacist-driven Protocol Change and Prescriber Education: Thirty-day Revisit Rates to an Urban Emergency Department," targeted for Am J Health Syst Pharm.

Chan, L., Noreen, C. H., Como, J., & Guarascio, A. J. (2017). "Retrospective analysis of adverse events between nafcillin versus cefazolin for methicillin-susceptible Staphylococcus aureus infections," targeted for ANN PHARMACOTHER.

Guarascio, A. J., Brickett, L. M., Porter, T. J., Lee, N., & Covvey, J. R. (2017). "Development of a statewide antibiogram to guide pharmacist recommendations for the treatment of antibiotic-resistant ESKAPE organisms," targeted for Journal of Pharmacy Practice.

SERVICE:

Service to the University

Department Assignments

Member:

2016-2017: Scholarship Subcommittee

2014-2015: Patient Interventions Task Force

School Assignments

Faculty Advisor (Student Organizations):

2013-2014: APhA-ASP Project Immunization:

Coordinating pharmacist employee influenza vaccination initiatives at the University of Tennessee Medical Center (UTMC). Participation in immunization efforts along with mentoring student pharmacists for 5 different flu shot clinics at UTMC (approximately 24 hours of service).

Faculty-Led Special Programs:

2014-2015: Mock Interview Volunteer: PY4 Students Prior to Residency Interviews: I served as a participant in the mock interview session for PY4 students. This event was meant to help students become comfortable and confident with the interview process prior to their actual residency interviews.

2013-2014: Faculty Panel Presentation to University of Tennessee Teaching Certificate Program: Faculty panel participation for a session on optimal preceptorship.

Member:

2016-2017: Intervention/Preparation Task Force for Student Retention

2016-2017: Admissions Committee

2014-2015: Global Influence and Reach Task Force

2013-2014: University of Tennessee Admissions Committee:

Attended 5 college admissions interview dates (approximately 30 hours of service). Roles include interviewing pharmacy school candidates, scoring candidates, and communicating recommendations and admission decisions with Admissions Committee Members.

University Assignments

Mentoring Activities (pharm.d.):

2013-2014: Pharmacist Shadowing Program: for various undergraduate and pre-pharmacy students at the University of Tennessee:

Participated in pharmacist shadowing program for 8 prospective students to observe and/or discuss my clinical practice (approximately 20 hours of service).

Other Institutional Service Activities:

2013-2014: Clinical Practice Presentation: for pre-pharmacy APhA Academy of Student Pharmacist organization at the University of Tennessee: Presentation to the University of Tennessee pre-pharmacy ASP student organization regarding my position and clinical practice.

Service to the Profession

Reviewer - Article / Manuscript

2014: Annals of Pharmacotherapy.

2014: European Journal of Clinical Microbiology and Infectious Diseases.

Officer: Organization / Association

2016: Immediate Past Chair of Membership Committee: Society of Infectious Diseases Pharmacists.

2015: Chair of Membership Committee: Society of Infectious Diseases Pharmacists.

2014: Vice Chair of Membership Committee: Society of Infectious Diseases Pharmacists.

Presentation (CE; In-service programs etc.)

2014: Tennessee State-Wide Fall Therapeutics Seminar Continuing Education Program.

University of Tennessee Fall Therapeutics Seminar:

Current Topics in Infectious Diseases, four 2-hour presentations, 8 total lecture hours

Nashville, TN; Chattanooga, TN; Memphis, TN; Knoxville, TN

Service to the Community

Other Community Service Activities

2013: Medical And Infrastructure Mission Trip, Organized mission trip to an orphanage with both medical professionals and church organization. Activities included construction of new orphanage facility as well as providing medical care for the surrounding community.

2012: Medical Mission Trip, Interdisciplinary medical mission trip to the Amazon region of Peru. Myself and participants set up medical clinics in remote villages and provided medical care. I served as the sole pharmacist for this clinic.

Faculty Development

Other Professional Development

2016: American Society for Microbiology, Boston, Massachusetts.

Last updated by member on 23-Aug-17 (12:39 PM)