

Curriculum Vitae
Michael R. Gionfriddo, Pharm.D, Ph.D

PERSONAL INFORMATION

Work Address: Mellon Hall – 418B
Duquesne University
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Pittsburgh, PA 15282
Phone: (412) 396-1926

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PRESENT POSITION

Assistant Professor

Division of Pharmaceutical, Administrative, and Social Sciences 2021-Present
School of Pharmacy
Duquesne University, Pittsburgh, Pennsylvania

EDUCATION

Mayo Graduate School, Mayo Clinic 2011-2016
Rochester, Minnesota
Ph.D, Biomedical Science, Clinical and Translational Science Concentration

Nesbitt School of Pharmacy, Wilkes University 2006-2011
Wilkes-Barre, Pennsylvania
Pharm.D

LICENSURE

Pennsylvania (Pharmacist License) 2011-Present

HONORS/AWARDS

2020 "10 Under 10" Award 2020
Pennsylvania Pharmacists Association

2020 AGING Initiative MCC Scholar 2020

2019 HCSRN Early Career Investigator Award 2019
Health Care Systems Research Network

2018 Award for Innovation in Pharmacy Practice 2018
ASHP Foundation

**for the article:* Jones LK, Greskovic G, Grassi DM, Graham J, Sun H, Gionfriddo MR, Murray MF, Manickam K, Nathanson DC, Wright EA, Evans MA. Medication therapy disease management: Geisinger's approach to population health management. Am J Health Syst Pharm. 2017 Sep 15;74(18):1422-35. PMID: 28887344

Wilkes University Excellence in Pharmaceutical Research Award 2011
Pharmaceutical Sciences Department, Wilkes University, Wilkes-Barre, Pennsylvania

Achieving Independence Competition Winner 2010
Pennsylvania Pharmacists Association

PREVIOUS PROFESSIONAL POSITIONS AND MAJOR APPOINTMENTS

Adjunct Assistant Professor
Nesbitt School of Pharmacy, Wilkes University 01/2017-
Wilkes-Barre, Pennsylvania 01/2021

Assistant Professor
Center for Pharmacy Innovation and Outcomes 07/2016-
Geisinger Precision Health Center, Forty Fort, Pennsylvania 01/2021
Supervisor: Eric Wright, Pharm.D, MPH

Graduate Student – Knowledge and Evaluation Research (KER) Unit, 06/2011-
Mayo Clinic, Rochester, Minnesota. 06/2016
Primary Thesis Mentor: Victor Montori, MD, MSc

Research Assistant – Department of Pharmaceutical Sciences 01/2009-
Wilkes University, Wilkes-Barre, Pennsylvania 05/2010
Research Mentor: Adam L. VanWert Pharm.D, Ph.D

Pharmacy Intern – Wilkes-Barre General Hospital, Wilkes-Barre, 05/2007-
Pennsylvania 10/2009

PROFESSIONAL & COMMUNITY MEMBERSHIPS, SOCIETIES AND SERVICES

Membership in Professional Organizations:

National: Academy Health, American Pharmacists Association, American Association for the Advancement of Science, American Society of Health-Systems Pharmacists, American College of Clinical Pharmacy, American Association of Colleges of Pharmacy, American Institute for the History of Pharmacy, Lambda Kappa Sigma, Phi Lambda Sigma, International Association of Video Reflexive Ethnographers, Association for Communication in Healthcare

State: Pennsylvania Pharmacists Association

Leadership Positions

American College of Clinical Pharmacy

Health Outcomes PRN

Secretary/Treasurer

2020-2021

International Association of Video Reflexive Ethnographers

Chair

2020-2021

JOURNAL RESPONSIBILITIES

Editor

Pennsylvania Pharmacist 2021-Present

Editorial Advisory Board Member

Journal of the American Pharmacists Association 2018-Present

Editorial Board Member

Pennsylvania Pharmacist 2017-Present

Academic Editor

PLOS ONE 2017-Present

Reviewer

Exploratory Research in Clinical and Social Pharmacy 2021-Present
Research in Social and Administrative Pharmacy 2020-Present
International Journal of Medical Informatics 2020-Present
Canadian Medical Association Journal 2020-Present
Mayo Clinic Proceedings: Innovations, Quality & Outcomes 2020-Present
Health Expectations 2019-Present
Avicenna Journal of Medicine 2019-Present
International Journal of Surgery Protocols 2018-Present
BMC Medicine 2018-Present
Pharmacy 2018-Present
Patient Education and Counseling 2018-Present
Circulation: Cardiovascular Quality and Outcomes 2018-Present
Health Research Policy and Systems 2018-Present
BMJ Open 2018-Present
Journal of Affective Disorders 2017-Present
Journal of the American Pharmacists Association 2017-Present
Pain Management 2017-Present
JGIM 2016-Present
IIE Transactions on Healthcare Systems Engineering 2016-Present
JAMA 2016-Present
Acta Medica Academica 2015-Present
BMC Medical Research Methodology 2015-Present
Journal of Clinical Epidemiology 2015-Present
Journal of Comparative Effectiveness Research 2015-Present
Trials 2015-Present
Journal of Pharmaceutical Health Services Research 2015-Present
Respiratory Medicine 2014-Present
Thyroid 2014-Present
BMC Medical Informatics and Decision Making 2014-Present
The BMJ 2014-Present
PLOS ONE 2013-Present
BMC Health Services Research 2013-Present

EDUCATIONAL ACTIVITIES

Teaching

Pharmacy students

PHA 310: Clinical Research and Design Spring 2017-20
Guest Lecturer. Taught introductory courses on research design
Wilkes University
Wilkes-Barre, Pennsylvania

PHA 331 and 332: Medical Anatomy and Physiology I and II 08/2008-
Teaching Assistant. Helped run the laboratory portion of the course 05/2010
Wilkes University
Wilkes-Barre, Pennsylvania

Mentoring

Falzone, Alesha L. Pharm.D (PGY1 Pharmacy Resident) 8/2018-6/2019
Scavo, Philip J. Pharm.D (PGY1 Pharmacy Resident) 8/2018-6/2019
Diehl, Keri L. Pharm.D (PGY1 Pharmacy Resident) 8/2018-6/2019
Lopatofsky, Kristen M. Pharm.D (PGY1 Pharmacy Resident) 8/2017-6/2018
Paulish, Kenneth Pharm.D (PGY1 Pharmacy Resident) 8/2017-6/2018
Brozena, Sarah Pharm.D (PGY1 Pharmacy Resident) 8/2017-6/2018
Divakaruni, Anupama Pharm.D (PGY1/2 Pharmacy Resident) 8/2016-6/2018
Naderi, Mandana Pharm.D (PGY1 Pharmacy Resident) 8/2016-6/2017
Para, Lauren M. Pharm.D (PGY1 Pharmacy Resident) 8/2016-6/2017
Jones, Morgan L. Pharm.D (PGY1 Pharmacy Resident) 8/2014-6/2015

INSTITUTIONAL COMMITTEE MEMBERSHIPS

Duquesne University

Graduate School of Pharmaceutical Sciences - Graduate Council 2021-Present

Geisinger Health System

Patient Engagement Working Group 2016-2020
Institutional Review Board 2017-2020

Mayo Clinic

Mayo Graduate School Education Committee Student Representative 2012-2013
Mayo Graduate School Library Committee Student Representative 2013-2016

PRESENTATIONS

International

Optimizing Medication Use in Chronic Disease: A Shared Decision Making Approach
19th Annual Mayo Clinic-Karolinska Institutet Conference
Stockholm, Sweden 09/2013

National

Shared-Decision Making: Rights, Roles, and Responsibilities of Patients, Caregivers, and the Healthcare Team
2020 American College of Clinical Pharmacy Annual Meeting
Virtual 10/2020

Big Data in Healthcare: Opportunities and Challenges
2019 American College of Clinical Pharmacy Annual Meeting
New York, New York 10/2019

Adherence and Shared Decision Making
Academy Health
Seattle, Washington 06/2018

SDM for step down and stopping decisions
Minimally Disruptive Medicine Workshop
Rochester, Minnesota 10/2017

Introduction to GRADE
Global Vascular Guidelines Steering Committee Meeting
New York, New York 11/2014

Transforming Pharmaceutical Care: EBM, SDM, and MDM
2014 International Social Pharmacy Workshop
Boston, Massachusetts 08/2014

Helping Patients Make Wiser Choices: The Mayo Experience
2014 Association of Medical Illustrators Annual Conference
Rochester, Minnesota 07/2014

Regional

Medication Reconciliation in Primary Care: Learnings from an integrated healthcare delivery system Pennsylvania Pharmacists Association Mid-Year Meeting Virtual	02/2021
Communication Skills for Diabetes Educators Diabetes Educator Meeting Danville, PA	8/2019
Shared Decision Making: Creating Caring Conversations 2018 Winter CME Update Sundance, Utah	2/2018
Deprescribing in the Elderly MPhA Annual Learning Networking Event St Paul, Minnesota	09/2015
Prescribing Practices for Antihypertensive Medications in a Cohort of Patients with Diabetes: 1995-2010 16 th Annual Minnesota Health Services Research Conference St. Paul, Minnesota	03/2012

Panel

Where Do We Go From Here: Recommendations for Transforming the Health Care Landscape Suboptimal Medication Use and Adherence - The Intersection of Research, Implementation and Policy Washington D.C.	12/2016
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POSTERS

National

1. **Gionfriddo MR**, Olenak JL. The Future of Healthcare: United We Stand...Divided We Fall.... Pennsylvania Pharmacists Association Mid-Year Meeting in Grantville, Pennsylvania February 2010
2. **Gionfriddo MR**, VanWert AL. Novel Interactions of β -Lactam Antibiotics with Renal Organic Anion Transporter 3 (Oat3). American Academy of Colleges of Pharmacy Annual Meeting in Seattle, Washington July 2010.
3. **Gionfriddo MR**, LeBlanc A, Johnson A, Ylvasker H, Youel K, Ruud K, Shah ND, Montori VM. Wiser Choices in Making Decisions about Anti-Hypertensive Medication: Challenges in the Development of a Decision Aid for Use in Hypertension. 2nd Annual Shared Decision Making Symposium in St. Louis, Missouri. March 2012
4. Trombetta DP, **Gionfriddo MR**. An Interprofessional Education Model Using Medical Residents and Pharmacy Students: The Effect on Diabetes Education. American Academy of Colleges of Pharmacy Annual Meeting in Seattle, Washington. July 2012
5. **Gionfriddo MR**, Rank MA, LeBlanc A, Montori VM. Reducing Medication Use: A Shared Decision Making Approach. 5th Annual National Clinical and Translational Science Predoctoral Programs Meeting. May 2013
6. Rank MA, Johnson R, Branda M, Herrin J, van Houten H, **Gionfriddo MR**, Shah ND. Predicting Outcomes after Stepping Down Asthma Controller Medications. 20th Annual Mayo Clinic-Karolinska Institutet Conference. Rochester, Minnesota. September 2014
7. **Gionfriddo M**. Assessing Researcher Experience and Attitudes Toward Patient Engagement in Research. 24th Annual Health Care Systems Research Network Conference. Minneapolis, Minnesota. April 2018
8. **Gionfriddo MR**, Castor S, Elder N, Frusciante KL, Kaledas WR Jr, Kern MS, Schlottmann O, Wright EA. MedTrue™: Triangulating patient reported data with EHR and claims data to create accurate medication lists and facilitate conversations. 25th Annual Health Care Systems Research Network Conference. Portland, Oregon. April 2019

BIBLIOGRAPHY

Peer-reviewed Articles

1. VanWert AL, **Gionfriddo MR**, Sweet DH. Organic anion transporters: discovery, pharmacology, regulation and roles in pathophysiology. *Biopharm Drug Dispos*. 2010 Jan;31(1):1-71. PMID: 19953504.
2. Wolman AT, **Gionfriddo MR**, Heindel GA, Mukhija P, Witkowski S, Bommareddy A, VanWert AL. Organic anion transporter 3 interacts selectively with lipophilic beta-lactam antibiotics. *Drug Metab Dispos*. 2013 Apr;41(4):791-800. PMID: 23344796.
3. **Gionfriddo MR**, Leppin AL, Brito JP, Leblanc A, Shah ND, Montori VM. Shared decision-making and comparative effectiveness research for patients with chronic conditions: an urgent synergy for better health. *J Comp Eff Res*. 2013 Nov;2(6):595-603. PMID: 24236798
4. **Gionfriddo MR**, Greenberg AJ, Wahegaonkar AL, Lee KH. Pathways of translation: deep brain stimulation. *Clin Transl Sci*. 2013 Dec;6(6):497-501. PMID: 24330698
5. **Gionfriddo MR**, McCoy RG, Lipska KJ. The 2013 American Association of Clinical Endocrinologists' diabetes mellitus management recommendations: improvements needed. *JAMA Intern Med*. 2014 Feb 1;174(2):179-80. PMID: 24322834
6. Leppin AL, **Gionfriddo MR**, Sood A, Montori VM, Erwin PJ, Zeballos-Palacios C, Bora PR, Duloher MM, Brito JP, Boehmer KR, Tilburt JC. The efficacy of resilience training programs: a systematic review protocol. *Syst Rev*. 2014 Mar;3:20. PMID: 24602236
7. Foote EF, Roland BE, **Gionfriddo MR**, Holt-Macey S. Differences between residency- and non-residency-trained preceptors on student perceptions and activities of community practice advanced pharmacy practice experiences (APPEs). *Currents in Pharmacy Teaching and Learning*. 2014;6(2):259-64.
8. Brito JP, **Gionfriddo MR**, Al Nofal A, Boehmer KR, Leppin AL, Reading C, Callstrom M, Elraiyah TA, Prokop LJ, Stan MN, Murad MH, Morris JC, Montori VM. The accuracy of thyroid nodule ultrasound to predict thyroid cancer: systematic review and meta-analysis. *J Clin Endocrinol Metab*. 2014 Apr;99(4):1253-63. PMID: 24276450
9. **Gionfriddo MR**, Morey-Vargas OL, Brito JP, Leppin AL, Murad MH, Montori VM. Systematic reviews to ascertain the safety of diabetes medications. *Curr Diab Rep*. 2014 Apr;14(4):478. PMID: 24563375
10. **Gionfriddo MR**, Leppin AL, Brito JP, Leblanc A, Boehmer KR, Morris MA, Erwin PJ, Prokop LJ, Zeballos-Palacios CL, Malaga G, Miranda JJ, McLeod HM, Rodríguez-Gutiérrez R, Huang R, Morey-Vargas OL, Murad MH, Montori VM. A systematic review of shared decision making interventions in chronic conditions: a review protocol. *Syst Rev*. 2014 Apr;3:38. PMID: 24731616
11. Leppin AL, **Gionfriddo MR**, Kessler M, Brito JP, Mair FS, Gallacher K, Wang Z, Erwin PJ, Sylvester T, Boehmer K, Ting HH, Murad MH, Shippee ND, Montori VM. Preventing 30-day hospital readmissions: a systematic review and meta-analysis of randomized trials. *JAMA Intern Med*. 2014 Jul;174(7):1095-107. PMID: 24820131
12. Leppin AL, Bora PR, Tilburt JC, **Gionfriddo MR**, Zeballos-Palacios C, Duloher MM, et al. The efficacy of resiliency training programs: a systematic review and meta-analysis of randomized trials. *PLoS One*. 2014 Oct;9(10):e111420. PMID: 25347713

13. Leppin AL, Montori VM, **Gionfriddo MR**. Minimally Disruptive Medicine: A Pragmatically Comprehensive Model for Delivering Care to Patients with Multiple Chronic Conditions. *Healthcare*. 2015;3(1):50-63. PMID: 27417747
14. Brito JP, Asi N, Bancos I, **Gionfriddo MR**, Zeballos-Palacios CL, Leppin AL, Undavalli C, Wang Z, Domecq JP, Prustsky G, Elraiyah TA, Prokop LJ, Montori VM, Murad MH. Testing for germline mutations in sporadic pheochromocytoma/paraganglioma: a systematic review. *Clin Endocrinol (Oxf)*. 2015 Mar;82(3):338-45. PMID: 24954084
15. Tian M, Yuan YC, Li JY, **Gionfriddo MR**, Huang RC. Tumor necrosis factor- α and its role as a mediator in myocardial infarction: A brief review. *Chronic Diseases and Translational Medicine*. 2015 Mar;1(1):18-26
16. Rank MA, **Gionfriddo MR**, Pongdee T, Volcheck GW, Li JT, Hagan CR, Erwin PJ, Hagan JB. Stepping down from inhaled corticosteroids with leukotriene inhibitors in asthma: A systematic review and meta-analysis. *Allergy Asthma Proc*. 2015 May;36(3):200-5. PMID: 25976437
17. Elraiyah T, **Gionfriddo MR**, Murad MH. Acting on black box warnings requires a GRADE evidence table and an implementation guide: the case of teriparatide. *J Clin Epidemiol*. 2015 Jun;68(6):698-702. PMID: 25766055
18. Tsulukidze M, Grande SW, **Gionfriddo MR**. Assessing Option Grid practicability and feasibility for facilitating shared decision making: An exploratory study. *Patient Educ Couns*. 2015 Jul;98(7):871-7. PMID: 25841546
19. **Gionfriddo MR**, Hagan JB, Hagan CR, Volcheck GW, Castaneda-Guarderas A, Rank MA. Stepping Down Inhaled Corticosteroids from Scheduled to as-needed in Stable Asthma: Systematic Review and Meta-analysis. *Allergy Asthma Proc*. 2015 Jul;36(4):262-7. PMID: 26108083
20. Huang R, **Gionfriddo MR**, Zhang L, Leppin AL, Ting HH, Montori VM. Shared decision-making in the People's Republic of China: current status and future directions. *Patient Prefer Adherence*. 2015 Aug 6;9:1129-41. PMID: 26273201
21. Barr PJ, O'Malley AJ, Tsulukidze M, **Gionfriddo MR**, Montori VM, Elwyn G. The psychometric properties of Observer OPTION⁵, an observer measure of shared decision making. *Patient Educ Couns*. 2015 Aug;98(8):970-6. PMID: 25956069
22. Brito JP, Asi N, **Gionfriddo MR**, Norman C, Leppin AL, Zeballos-Palacios C, et al. The incremental benefit of functional imaging in pheochromocytoma/paraganglioma: a systematic review. *Endocrine*. 2015 Sep;50(1):176-86. PMID: 25663601
23. Rank MA, Johnson R, Branda M, Herrin J, van Houten H, **Gionfriddo MR**, Shah ND. Long term outcomes after stepping down asthma controller medications: A claims-based, time-to-event analysis. *Chest*. 2015 Sep 1;148(3):630-639. PMID: 25997080
24. Brito JP, Castaneda-Guarderas A, **Gionfriddo MR**, Singh Ospina NM, Maraka S, Dean D, Castro MR, Fatourech V, Gharib H, Stan MN, Branda M, Bahn RS, Montori V. Development and pilot testing of an encounter tool for shared decision making about the treatment of Graves Disease. *Thyroid*. 2015 Nov;25(11):1191-8. PMID: 26413979
25. Elraiyah T, **Gionfriddo MR**, Montori VM, Murad MH. Content, Consistency, and Quality of Black Box Warnings: Time for a Change. *Ann Intern Med*. 2015 Dec 1;163(11):875-6. PMID: 26415046
26. Alexander PE, **Gionfriddo MR**, Li SA, Bero L, Stoltzfus RJ, Neumann I, Brito JP, Djulbegovic B, Montori VM, Norris SL, Schünemann HJ, Thabane L, Guyatt GH. A number of factors explain why

WHO guideline developers make strong recommendations inconsistent with GRADE guidance. *J Clin Epidemiol*. 2016 Feb;70:111-22. PMID: 26399903

27. Alexander PE, Li SA, **Gionfriddo MR**, Bero L, Stoltzfus RJ, Neumann I, Brito JP, Djulbegovic B, Montori VM, Schünemann HJ, Guyatt GH. Senior GRADE methodologists encounter challenges as part of WHO guideline development panels: an inductive content analysis. *J Clin Epidemiol*. 2016 Feb;70:123-8. PMID: 26385188
28. Schafer KM, **Gionfriddo MR**, Boehm DH. Shared decision making and medication therapy management with the use of an interactive template. *J Am Pharm Assoc*. 2016 Mar-Apr;56(2):166-72. PMID: 27000167
29. Brito JP, Singh-Ospina N, **Gionfriddo MR**, Maraka S, Espinosa De Ycaza A, Rodriguez-Gutierrez R, Morris JC, Montori VM, Tuttle RM. Restricting ultrasound thyroid fine needle aspiration biopsy by nodule size: which tumors are we missing? A population-based study. *Endocrine*. 2016 Mar;51(3):499-505. PMID: 26254791
30. Al Nofal A, **Gionfriddo MR**, Javed A, Haydour Q, Brito JP, Prokop LJ, Pittcock ST, Murad MH. Accuracy of thyroid nodule sonography for the detection of thyroid cancer in children: systematic review and meta-analysis. *Clin Endocrinol (Oxf)*. 2016 Mar;84(3):423-30. PMID: 25845503
31. Maraka S, Singh Ospina NM, O'Keeffe DT, Espinosa De Ycaza AE, **Gionfriddo MR**, Erwin PJ, Coddington CC 3rd, Stan MN, Murad MH, Montori VM. Subclinical Hypothyroidism in Pregnancy: A Systematic Review and Meta-Analysis. *Thyroid*. 2016 Apr;26(4):580-90. PMID: 26837268
32. Alexander PE, Brito JP, Neumann I, **Gionfriddo MR**, Bero L, Djulbegovic B, et al. World Health Organization strong recommendations based on low-quality evidence (study quality) are frequent and often inconsistent with GRADE guidance. *J Clin Epidemiol*. 2016 Apr;72:580-90. PMID: 25618534
33. Dabrh AM, Singh Ospina NM, Nofal AA, Farah WH, Barrionuevo P, Sarigianni M, Mohabbat AB, Benkhadra K, Carranza Leon BG, **Gionfriddo MR**, Wang Z, Mohammed K, Ahmed A, Elraiyah TA, Haydour Q, Alahdab F, Prokop LJ, Murad MH. Predictors of biochemical remission and recurrence after surgical and radiation treatments of Cushing's disease: a systematic review and meta-analysis. *Endocr Pract*. 2016 Apr;22(4):466-75. PMID: 26789343
34. Inselman J, Branda M, Castaneda-Guarderas A, **Gionfriddo MR**, Zeballos-Palacios CL, Morris MM, Shah ND, Montori VM, LeBlanc A. Uptake and Documentation of the Use of an Encounter Decision Aid in Usual Practice: A Retrospective Analysis of the Use of the Statin/Aspirin Choice Decision Aid. *Med Decis Making*. 2015 May;36(4):557-61. PMID: 26721257
35. Rank MA, Liesinger JT, Branda ME, **Gionfriddo MR**, Schatz M, Zeiger RS, Shah ND. Comparative safety and costs of stepping down asthma medications in patients with controlled asthma. *J Allergy Clin Immunol*. 2016 May;137(5):1373-1379. PMID: 26506020
36. Serrano V, Rodriguez-Gutierrez R, Hargraves I, **Gionfriddo MR**, Tamhane S, Montori VM. Shared decision-making in the care of individuals with diabetes. *Diabet Med*. 2016 Jun;33(6):742-51. PMID: 27105298
37. Singh Ospina N, Maraka S, Espinosa De Ycaza A, O'Keeffe D, Brito JP, **Gionfriddo MR**, Castro MR, Morris JC, Erwin P, Montori VM. Diagnostic accuracy of thyroid nodule growth to predict malignancy in thyroid nodules with benign cytology: Systematic review and meta-analysis. *Clin Endocrinol (Oxf)*. 2016 Jul;85(1):122-31. PMID: 26562828

38. Asi N, Mohammed K, Haydour Q, **Gionfriddo MR**, Vargas OL, Prokop LJ, Faubion SS, Murad MH. Progesterone vs. synthetic progestins and the risk of breast cancer: a systematic review and meta-analysis. *Syst Rev*. 2016 Jul 26;5(1):121. PMID: 27456847
39. Rodriguez-Gutierrez R, **Gionfriddo MR**, Ospina NS, Maraka S, Tamhane S, Montori VM, Brito JP. Shared decision making in endocrinology: present and future directions. *Lancet Diabetes Endocrinol*. 2016 Aug;4(8):706-16. PMID: 26915314
40. Singh Ospina N, Brito JP, Maraka S, Espinosa de Ycaza AE, Rodriguez-Gutierrez R, **Gionfriddo MR**, Castaneda-Guarderas A, Benkhadra K, Al Nofal A, Erwin P, Morris JC, Castro MR, Montori VM. Diagnostic accuracy of ultrasound-guided fine needle aspiration biopsy for thyroid malignancy: systematic review and meta-analysis. *Endocrine*. 2016 Sep;53(3):651-61. PMID: 27071659
41. Boehmer KR, **Gionfriddo MR**, Rodriguez-Gutierrez R, Dabrh AM, Leppin AL, Hargraves I, May CR, Shippee ND, Castaneda-Guarderas A, Palacios CZ, Bora P, Erwin P, Montori VM. Patient capacity and constraints in the experience of chronic disease: a qualitative systematic review and thematic synthesis. *BMC Fam Pract*. 2016 Sep 1;17:127. PMID: 27585439
42. Singh Ospina NM, Rodriguez-Gutierrez R, Maraka S, Espinosa de Ycaza AE, Jasim S, Castaneda-Guarderas A, **Gionfriddo MR**, Al Nofal A, Brito JP, Erwin P, Richards M, Wermers R, Montori VM. Outcomes of Parathyroidectomy in Patients with Primary Hyperparathyroidism: A Systematic Review and Meta-analysis. *World J Surg*. 2016 Oct;40(10):2359-77. PMID: 27094563
43. Huang RC, Song XT, Wu J, Huang W, Leppin AL, **Gionfriddo MR**, Liu YX, Boehmer KR, Ting HH, Montori VM. Assessing the feasibility and quality of shared decision making in China: evaluating a clinical encounter intervention for Chinese patients. *Patient Prefer Adherence*. 2016 Nov 14;2016(10):2341-2350. PMID: 27881912
44. Singh Ospina N, Maraka S, Rodriguez-Gutierrez R, Espinosa de Ycaza AE, Jasim S, **Gionfriddo M**, Castaneda-Guarderas A, Brito JP, Al Nofal A, Erwin P, Wermers R, Montori V. Comparative efficacy of parathyroidectomy and active surveillance in patients with mild primary hyperparathyroidism: a systematic review and meta-analysis. *Osteoporos Int*. 2016 Dec;27(12):3395-407. PMID: 27562567
45. Farah WH, Alsawas M, Mainou M, Alahdab F, Farah MH, Ahmed AT, Mohamed EA, Almasri J, **Gionfriddo MR**, Castaneda-Guarderas A, Mohammed K, Wang Z, Asi N, Sawchuk CN, Williams MD, Prokop LJ, Murad MH, LeBlanc A. Non-pharmacological treatment of depression: a systematic review and evidence map. *Evid Based Med*. 2016 Dec;21(6):214-21. PMID: 27836921
46. Cintron D, Lipford M, Larrea-Mantilla L, Spencer-Bonilla G, Lloyd R, **Gionfriddo MR**, Gunjal S, Farrell AM, Miller VM, Murad MH. Efficacy of menopausal hormone therapy on sleep quality: systematic review and meta-analysis. *Endocrine*. 2017 Mar;55(3):702-11. PMID: 27515805
47. Jones LK, Greskovic G, Grassi DM, Graham J, Sun H, **Gionfriddo MR**, Murray MF, Manickam K, Nathanson DC, Wright EA, Evans MA. Medication therapy disease management: Geisinger's approach to population health management. *Am J Health Syst Pharm*. 2017 Sep 15;74(18):1422-35. PMID: 28887344
48. **Gionfriddo MR**, Hagan JB, Rank MA. Why and how to step down chronic asthma drugs. *BMJ*. 2017 Oct 16;359:j4438. PMID: 29038166
49. Verweel L, **Gionfriddo MR**, MacCallum L, Dolovich L, Rosenberg-Yunger ZRS. Community Pharmacists' Perspectives of a Decision Aid for Managing Type 2 Diabetes in Ontario. *Can J Diabetes*. 2017 Dec;41(6):587-595. PMID: 29224635

50. Boehmer KR, Abu Dabrh AM, **Gionfriddo MR**, Erwin P, Montori VM. Does the chronic care model meet the emerging needs of people living with multimorbidity? A systematic review and thematic synthesis. *PLoS One*. 2018 Feb 8;13(2):e0190852. PMID: 29420543
51. **Gionfriddo MR**, Pulk RA, Sahni DR, Vijayanagar SG, Chronowski JJ, Jones LK, Evans MA, Feldman SR, Pride H. ProvenCare-Psoriasis: A disease management model to optimize care. *Dermatol Online J*. 2018 Mar 15;24(3). PMID: 29634876
52. Phillips KA, Singh Ospina N, Rodriguez-Gutierrez R, Castaneda-Guarderas A, **Gionfriddo MR**, Branda M, Montori V. Humor During Clinical Practice: Analysis of Recorded Clinical Encounters. *J Am Board Fam Med*. 2018 Mar-Apr;31(2):270-278. PMID: 29535244
53. Jones LK, Pulk R, **Gionfriddo MR**, Evans MA, Parry D. Utilizing big data to provide better health at lower cost. *Am J Health Syst Pharm*. 2018 Apr 1;75(7):427-435. PMID: 29572311
54. Jones LK, Kulchak Rahm A, **Gionfriddo MR**, Williams JL, Fan AL, Pulk RA, Wright EA, Williams MS. Developing Pharmacogenomic Reports: Insights from Patients and Clinicians. *Clin Transl Sci*. 2018 May;11(3):289-295. PMID: 29316365
55. **Gionfriddo MR**, Branda ME, Fernandez C, Leppin A, Yost KJ, Kimball B, Spencer-Bonilla G, Larrea L, Nowakowski KE, Montori VM, Tilburt J. Comparison of audio vs. audio + video for the rating of shared decision making in oncology using the observer OPTION5 instrument: an exploratory analysis. *BMC Health Serv Res*. 2018 Jul 4;18(1):522. PMID: 29973207
56. Storlie CB, Branda ME, **Gionfriddo MR**, Shah ND, Rank MA. Prediction of individual outcomes for asthma sufferers. *Biostatistics*. 2018 Oct 1;19(4):579-593 PMID: 29121247
57. Rosenberg-Yunger ZRS, Verweel L, **Gionfriddo MR**, MacCallum L, Dolovich L. Community pharmacists' perspectives on shared decision-making in diabetes management. *Int J Pharm Pract*. 2018 Oct;26(5):414-422. PMID: 29277945
58. Singh Ospina N, Phillips KA, Rodriguez-Gutierrez R, Castaneda-Guarderas A, **Gionfriddo MR**, Branda ME, Montori VM. Eliciting the Patient's Agenda- Secondary Analysis of Recorded Clinical Encounters. *J Gen Intern Med*. 2019 Jan;34(1):36-40. PMID: 29968051
59. Horsley RD, Vogels ED, McField DAP, Parker DM, Medico C, Dove J, Fluck M, Gabrielsen JD, **Gionfriddo MR**, Petrick AT. Multimodal Postoperative Pain Control Is Effective and Reduces Opioid Use After Laparoscopic Roux-en-Y Gastric Bypass. *Obes Surg*. 2019 Feb;29(2):394-400. PMID: 30317488.
60. Kunneman M, **Gionfriddo MR**, Toloza FJK, Gärtner FR, Spencer-Bonilla G, Hargraves IG, Erwin PJ, Montori VM. Humanistic communication in the evaluation of shared decision making: A systematic review. *Patient Educ Couns*. 2019 Mar;102(3):452-66. PMID: 30458971
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Book Chapters

1. Morey-Vargas OL, Zeballos-Palacios C, **Gionfriddo MR**, Montori VM. The Hierarchy of Evidence. In: Biondi-Zoccai G, editor. *Network Meta-Analysis: Evidence Synthesis with Mixed Treatment Comparison.* NOVA Science Publishers; 2014: 3-20 (Book Chapter)

2. **Gionfriddo MR**, Murad MH, LeBlanc A, Montori VM. GRADE: A framework to evaluate the quality of evidence and facilitate shared decision making. In: Elwyn G, Edwards A, Thompson R, editors. *Shared Decision Making in Health Care: Achieving evidence-based patient choice*. Oxford University Press; 2016: 136-143 (Book Chapter)
3. **Gionfriddo MR**, Olson AW. Engaging Patients in Healthcare and Decision-Making: Understanding and Facilitating the Process. In: Rickles NM, Wertheimer AI, Schommer JC, editors. *Social & Behavioral Aspects of Pharmacy Practice*. Kendall Hunt Publishing Company; 2016: 207-224 (Book Chapter)
4. **Gionfriddo MR**. The Many Faces of Nonadherence. In: Stukus D, editor. *Allergies and Adolescents: Transitioning Towards Independent Living*. Springer Publishing; 2018: 43-54 (Book Chapter)
5. **Gionfriddo MR**, Kunneman M, Montori VM. Risk and Decision-making in Adherence. In: Howren MB, Christensen AJ, editors. *Patient Adherence to Medical Treatment Regimens & Healthy Lifestyle Behaviors: Promoting Evidence-based Research and Practice*. Springer Publishing (unpublished) (Book Chapter)

Letters to the Editor

1. Brito JP, **Gionfriddo M**, Morris JC, Montori VM. Overdiagnosis of Thyroid Cancer and Graves' Disease. *Thyroid* [letter to the editor] 2014 24 (2): 402-3. PMID: 23931639
2. **Gionfriddo MR**, McCoy RG, Lipska KJ. AACE Response to Viewpoint of December 9, 2013—Reply. *JAMA Intern Med* 2014 174 (5): 827-828. PMID: 24799017
3. Elraiyah T, **Gionfriddo MR**, Murad MH. Response to letter to the editor by Wei et al. *J Clin Epidemiol*. 2016 Jan;69:253. PMID: 26318826
4. **Gionfriddo MR**. Subjectivity is a strength: A comment on "An algorithm was developed to assign GRADE levels of evidence to comparisons within systematic reviews". *J Clin Epidemiol*. 2016 Jun;74:237. PMID: 26769254
5. Rodriguez-Gutierrez R, **Gionfriddo MR**. Reply to "An evolving role for GRADE-trained methodologists in the American Thyroid Association Clinical Practice Guideline Development Process" by Cord Sturgeon and Brian W. Kim. *J Clin Epidemiol*. 2020 Dec 3:S0895-4356(20)31201-4. [E-pub ahead of print]. PMID: 33278613

Published Abstracts

1. **Gionfriddo MR**, VanWert AL. Novel Interactions of β - Lactam Antibiotics with Renal Organic Anion Transporter 3 (Oat3) [abstract]. *Am J Pharm Educ* 2010 74 (5) Article 96.
2. Trombetta DP, **Gionfriddo MR**. An Interprofessional Education Model Using Medical Residents and Pharmacy Students: The Effect on Diabetes Education [abstract]. *Am J Pharm Educ* 2012 76 (5) Article 99.
3. Hagan J, **Gionfriddo M**, Pongdee T, Volcheck G, Li J, Hagan C, Erwin P, Rank M. The Risk Of Asthma Exacerbation After Stopping Inhaled Corticosteroids And Substituting Leukotriene Receptor Antagonists: A Systematic Review [abstract]. *Am J Respir Crit Care Med* 2014 189: A1331

Non-Peer Reviewed Articles

1. Boehmer K, Leppin A, Brito-Campana JP, **Gionfriddo M**, Morey-Vargas O, Montori V. Capacity Matters: Considering the Patient's Ability to Implement Evidence-Based Treatment Strategies. Newsletter of the International Society for Evidence-Based Health Care. Newsletter 13; Oct. 2013
2. Dobler CC, Spencer-Bonilla G, **Gionfriddo MR**, Brito JP. Shared decision making in immigrant patients. Mayo Clinic Shared Decision Making National Resource Center. Our Blog; 24 Mar 2017
3. Kunneman M, **Gionfriddo MR**, Montori VM. On Cars and Caring: How metaphors can be (un)helpful. Mayo Clinic Shared Decision Making National Resource Center. Our Blog; 14 Apr 2017
4. **Gionfriddo MR**. Balancing feasibility and comprehensiveness: examining medications for reducing emergency hospital admissions. BMC Med. 2018 Oct 5;16(1):169. PMID: 30286748
5. Wright E, Evans M, Kern M, **Gionfriddo M**. How Geisinger Health System Reduced Opioid Prescriptions. Harvard Business Review. 2018 Nov 19. Available from: <https://hbr.org/2018/11/how-geisinger-health-system-reduced-opioid-prescriptions>

Contributions

1. American Association of Colleges of Pharmacy & National Community Pharmacists Association. Medication Adherence Educators Toolkit. 2013 Available from: <http://www.aacp.org/resources/education/Documents/AACP%20NCPA%20Medication%20Adherence%20Educators%20Toolkit.pdf>

FUNDING

Active – NIH

Grant: NorthStar Node of the Clinical Trials Network (COMPUTE 2.0)

Funder: National Institute on Drug Abuse

Amount: \$1,036,160.67

Duration: ~3.5 years (02/01/20-11/30/24)

Role: Co-Investigator

Percent Effort: 10%

Responsibilities: I will be collecting and helping to analyze qualitative data around users perceptions around the COMPUTE 2.0 tool. COMPUTE 2.0 is a clinical decision support tool to facilitate identification and care of patients with opioid use disorder.

Completed – Pharmaceutical Company

Grant: ACS Advocate

Funder: AstraZeneca

Amount: ~\$1,000,000

Duration: 1.5 years (July 2016 - November 2017)

Role: Co-investigator

Percent Effort: 5%

Responsibilities: Participate in regular project meetings and conduct advisory group sessions on patients' experience with acute coronary syndrome (ACS) and their educational needs in relation to ACS.

Grant: Characterizing the Current Care for Patients with a Depressive Disorder

Funder: Takeda

Amount: \$222,711

Duration: 1.5 years (10/01/17-03/31/19)

Role: Co-investigator

Percent Effort: 3%

Responsibilities: Participate in regular project meetings and contribute to data analysis and interpretation, especially in regards to medication adherence/persistence data.

Grant: MedTrue™

Funder: Merck

Amount: \$695,681.70

Duration: 1.5 years (11/03/17-05/31/19)

Role: Co-Principal Investigator

Percent Effort: 20%

Responsibilities: Participate in regular project meetings, lead the evaluation of the tool including preparing relevant study materials.

Grant: Impact of percent predicted FEV1 on outcomes among patients with moderate to severe persistent uncontrolled asthma

Funder: Regeneron

Amount: \$164,750

Role: Principal Investigator

Duration: 3 years (2/21/18-2/21/21)

Percent Effort: 10%

Responsibilities: Lead project team, consult on data analysis and interpretation, and draft manuscript.

Completed – Foundation

Grant: The Impact of Community Pharmacists on Transitions of Care: A Systematic Review and Meta-Analysis

Funder: National Association of Chain Drug Stores Foundation

Amount: \$17,722

Role: Principal Investigator

Duration: 6 months (June 2018-December 2018)

Percent Effort: 20%

Responsibilities: Develop protocol and conduct systematic review and meta-analysis, including write-up of results.

Completed – State

Grant: Evaluation of System-Wide Medication Prior Authorization Process

Funder: PA Department of Health

Amount: \$184,737

Role: Co-I (PI: Evans)

Duration: 3 years (09/01/16-06/30/19)

Percent Effort: 5%

Responsibilities: Assist in the collection, interpretation, and writing up of qualitative data and the interpretation and writing up of quantitative data.

Completed – Internal

Grant: Improving Medication reconciliation PRocesses through ObserVation and Evaluation: IMPROVE

Funder: Geisinger Health Plan

Amount: \$263,786

Duration: 2 years (07/01/19-06/30/21)

Role: Principal Investigator

Percent Effort: 20%

Responsibilities: Developed proposal, organize and lead project meetings and other activities, design and conduct analysis of the program and write up findings.

Grant: Implementation and Evaluation of Comprehensive Medication Management within a High-risk At-home Population

Funder: Geisinger Health Plan

Amount: \$502,146

Duration: 2 years (07/01/18-06/30/20)

Role: Principal Investigator

Percent Effort: 30%

Responsibilities: Developed proposal, organize and lead project meetings and other activities, design and conduct analysis of the program and write up findings.

CONSULTING

Pfizer

Benefit Risk Communications Advisory Board

2017

Role: Attended an advisory board meeting sponsored by Pfizer to discuss Shared Decision Making in Rheumatoid Arthritis

IBD Shared Decision-Making RFP Panel

2017

Role: Participated in the development and scoring of a request for proposals sponsored by Pfizer in collaboration with The American Gastroenterological Association Institute and the Crohn's & Colitis Foundation

Patient Decision Aids for Inflammatory Conditions RFP Panel

2018

Role: Participated in the scoring of a request for proposals sponsored by Pfizer