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## CAREER SUMMARY

PharmD with experience participating in various types of health outcomes research projects requiring the application of drug-related expertise. Experienced medical writer and educator.

## EDUCATION

Pharm.D. (Campbell University, College of Pharmacy & Health Sciences; Buies Creek, NC)	August 2015
M.Ed. (Pennsylvania State University, College of Education; University Park, PA)	May 2006
B.A. (Chemistry, Franklin & Marshall College; Lancaster, PA)	May 2004

## LICENSURE

PA Pharmacist License #RP450453

## EXPERIENCE

### Independent Consultant (Alexandria, VA)

- September 2021 - Current
- Research, medical writing, data analysis, and drug information

### Medical Writer (MedStar Washington Hospital Center, Cardiovascular Surgery; Washington, D.C.)

- November 2021 - May 2022
- Manuscript submission to academic journals

### Medical Writer (MJH Life Sciences; Remote)

- July 2019 - July 2021
- Promotional medical writing

### Research Data Analyst (Penn State College of Medicine, Department of Surgery; Hershey, PA)

- January 2017 - July 2019
- Health economics and outcomes research (HEOR)



#### Pharmacy Intern (U.S. Army & American Red Cross, Dunham Health Clinic; Carlisle Barracks, PA)

- August 2015 - January 2016
- Clinical pharmacy tasks

#### Research Assistant (Georgetown University School of Medicine, Division of Rheumatology, Immunology, & Allergy; Washington, D.C.)

- October 2010 - February 2011
- Review of electronic medical records for wound healing information

#### High School Teacher (Mechanicsburg Area Senior High School; Mechanicsburg, PA)

- August 2007 - June 2010
- Taught chemistry to grades 10-11 and became tenured

#### Graduate Research Assistant (Penn State University, College of Education; University Park, PA)

- August 2004 - December 2005
- Curriculum development in advanced transportation technologies appropriate for grades 6-12

#### Undergraduate Research Assistant (Franklin & Marshall College; Lancaster, PA)

- May 2002 - May 2004
- Chemical synthesis, use of IR spectroscopy, and development of environmental chemistry lab activities

## PUBLICATIONS

1. Lane J, **Schilling AL**, Hollenbeak C, Rizk E. Cost of Chiari I Malformation Surgery: Comparison of Treatment at Children's Hospitals Versus Non-children's Hospitals. *Cureus*. 2021 Jan 22;13(1):e12866. doi:10.7759/cureus.12866
2. Kocher NJ, **Schilling A**, Hollenbeak C, Raman JD. Impact of a preoperative safety checklist on perioperative quality outcomes and operative efficiency. *Urology Practice*. 2020 Nov;7(6):502-506. <https://doi.org/10.1097/UPJ.000000000000131>
3. Hollenbeak CS, Spencer M, **Schilling AL**, Kirschman D, Warye KL, Parvizi J. Reimbursement Penalties and 30-Day Readmissions Following Total Joint Arthroplasty. *JB JS Open Access*. 2020;5(3):e19.00072-e19.00072. doi:10.2106/JBJS.OA.19.00072
4. Pool CD, Patel VA, **Schilling A**, Hollenbeak C, Goyal N. Economic implications of localization strategies for cerebrospinal fluid rhinorrhea. *International Forum of Allergy & Rhinology*. 2020 Mar;10(3):419-425. Doi: 10.1002/alr.22501.
5. Fuletra JG, **Schilling AL**, Canter D, Hollenbeak CS, Raman JD. Adrenalectomy: should urologists not be doing more? *Int Urol Nephrol*. 2020;52(2):197-204. doi:10.1007/s11255-019-02306-y
6. Loloi J, Allen JL, **Schilling A**, Hollenbeak C, Merrill SB, Kaag MG, Raman JD. In the world of bladder tumors: does size matter. *Bladder Cancer*. 2020;6(2):195-200. Doi: 10.3233/BLC-200273



7. Roberts JM, Carr LW, Jones A, **Schilling A**, Mackay DR, Potochny JD. A prospective approach to inform and treat 1340 patients at risk for BIA-ALCL. *Plastic and Reconstructive Surgery*. 2019 Jul;144(1):46-54. Doi: 10.1097/PRS.00000000000005703
8. Acharya Y, **Schilling AL**, Hollenbeak CS. Readmissions attributable to skilled nursing facility use after a colectomy: Evidence using propensity scores matching. *PLoS One*. 2019;14(4):e0215245. Published 2019 Apr 16. doi:10.1371/journal.pone.0215245
9. Hintze AJ, Greenleaf EK, **Schilling AL**, Hollenbeak CS. Thirty-day readmission rates for carotid endarterectomy versus carotid artery stenting. *J Surg Res*. 2019;235:270-279. doi:10.1016/j.jss.2018.10.011
10. Schubart JR, Schaefer E, Janicki P, Adhikary SD, **Schilling A**, Hakim AJ, Bascom R, Francomano CA, Raj SR. Resistance to local anesthesia in people with the Ehlers-Danlos Syndromes presenting for dental surgery. *J Dent Anesth Pain Med*. 2019 Oct;19(5):261-270. Doi:10.17245/jdapm.2019.19.5.261
11. Schubart JR, **Schilling A**, Schaefer E, Bascom R, Francomano C. Use of prescription opioid and other drugs among a cohort of persons with Ehlers-Danlos syndrome: A retrospective study. *Am J Med Genet A*. 2019 Mar;179(3):397-403. Doi: 10.1002/ajmg.a.61031.
12. Hollenbeak CS, **Schilling AL**. The attributable cost of catheter-associated urinary tract infections in the United States: A systematic review. *Am J Infect Control*. 2018;46(7):751-757. doi:10.1016/j.ajic.2018.01.015
13. DeLong CG, Doble JA, **Schilling AL**, Pauli EM, Soybel DI. Delineating the burden of chronic post-operative pain in patients undergoing open repair of complex ventral hernias. *Am J Surg*. 2018;215(4):610-617. doi:10.1016/j.amjsurg.2018.01.030
14. Shanmugam VK, Tsagaris KC, **Schilling A**, McNish S, Desale S, Mete M, Adams M. Impact of subspecialty elective exposures on outcomes on the American Board of Internal Medicine Certification Examination. *BioMed Central Medical Education*. 2012 Oct;12:94. Doi: 10.1186/1472-6920-12-94
15. Shanmugam VK, **Schilling A**, Germinario A, Mete M, Kim P, Steinberg J, Attinger C. Prevalence of immune disease in patients with wounds presenting to a tertiary wound centre. *International Wound Journal*. 2012 Aug; 9(4):403-411.
16. **Schilling AL**, Leber PA, Yoder CH. Exploration of SO<sub>2</sub> scrubbers: an environmental chemistry project. *J Chem Educ*. 2009;86:225.
17. **Schilling AL**, Hess KR, Leber PA, Yoder CH. A simulation of the interaction of acid rain with soil minerals. *J Chem Educ*. 2004;81:246-247.

## ABSTRACTS

1. Morrell D, Sonntag CC, **Schilling A**, Martinez JM, Marks JM, Pauli E. Increasing surgeon flexible endoscopy utilization: a retrospective review of ten years of fellow case numbers. *Gastroenterology*; Supplement 1. 2019 May;156(6):S1383-S1384. **Meeting abstract 188**.
2. Morrell D, Sonntag CC, **Schilling A**, Martinez JM, Marks JM, Pauli E. Need for renewed emphasis on flexible endoscopy: a retrospective review of ten years of MIS fellow case numbers against proposed



minimums. *Gastroenterology*; Supplement 1. 2019 May;156(6):S1482-S1483. **Meeting abstract Tu1048.**

3. Kocher NJ, **Schilling A**, Hollenbeak C, Raman JD. Preoperative checklists and perioperative safety: the yin and yang of quality and efficiency? *Journal of Urology*; Supplement S. 2019 Apr;201(4):E933-E934. **Meeting abstract PD53-09.**
4. Fuletra JG, **Schilling AL**, Hollenbeak CS, Raman JD. Adrenalectomy: shouldn't urologists be doing more? *Journal of Nephrology*; Supplement S. 2018 Apr;199(4):E21. **Meeting abstract MP03-01.**
5. Kocher NJ, **Schilling AL**, Raman JD. Early impact of a preoperative safety checklist attestation on first case on-time start rate and operative room utilization. *Journal of Urology*; Supplement S. 2018 Apr;199(4):E563. **Meeting abstract PD28-03.**
6. Riney J, **Schilling A**, Hollenbeak C, Macdonald S. Trends in renal surgery from the national inpatient sample: implications for resident education. *Journal of Urology*; Supplement S. 2018 Apr;199(4):E783. **Meeting abstract MP59-05.**
7. Moss C, Fernandez-Mendoza J, Schubart J, Sheehan T, **Schilling A**, Francomano C, Bascom R. Nighttime sleep and daytime functioning in Ehlers-Danlos Syndrome: a cohort study of syndrome subtypes. *Sleep*. 2018 Apr;41:A343. **Meeting abstract 0924.**
8. Tsagaris KC, **Schilling A**, Wang H, Desale S, Adams M, Shanmugam VK. Impact of subspecialty elective exposures on outcomes on the American Board of Internal Medicine Certification Examination. *Arthritis and Rheumatism*, Supplement S. 2011 Oct;63(10):S33. **Meeting abstract 96.**
9. Shanmugam VK, **Schilling A**, Germinario A, Mete M, Attinger C. A higher than expected prevalence of autoimmune disease in a cohort of patients with recalcitrant leg ulcers. *Arthritis and Rheumatism*; Supplement S. 2011 Oct;63(10):S759-S760. **Meeting abstract 1953.**

## PROFESSIONAL CONFERENCE ATTENDANCE

Academy Health Annual Research Meeting (Washington, DC)

June 2-4, 2019

Posters Presented:

"Regional Variation in Outcomes Attributable to Peritonitis in Patients on Dialysis" (#B-416)

"National Costs of Complications Associated with Emergent Endotracheal Intubations (#C-505)

ISPOR 2018 (Baltimore, MD)

May 19-21, 2018

Short Courses Attended:

"Bayesian Analysis - Overview and Applications"

"Use of Instrumental Variables in Observational Studies of Treatment Effects"

## HONORS

- Magna Cum Laude, Campbell University, August 2015
- Anatomy & Physiology Academic Achievement Award, Campbell University, April 2012
- Teaching Recognition Award, Mechanicsburg Area School District, March 2010
- Magna Cum Laude, Franklin & Marshall College, May 2004



- Phi Beta Kappa, Franklin & Marshall College, May 2004
- The Merck Index Chemistry Award, Franklin & Marshall College, April 2004
- CRC Freshman Chemistry Award, Franklin & Marshall College, May 2002

## REFERENCES

Available upon request