**KAREN A. SCHIRM**

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**EDUCATION**

**MedStar Washington Hospital Center-Georgetown University,** Washington, DC June 2020-June 2024

Resident Physician in Obstetrics and Gynecology

Administrative Chief February 2023-June 2024

**Georgetown University School of Medicine,** Washington, DC August 2016-May 2020

M.D., Cum Laude

**Princeton University**, Princeton, NJ September 2011-June 2015

A.B., Magna Cum Laude, Molecular Biology GPA: 3.60

Certificate in Global Health and Health Policy

Sigma Xi Honor Society

* Senior Thesis: Determining the Role of RL13 in Human Cytomegalovirus Replication
* Junior Independent Research: Proposal for the Induced Differentiation of Human Cytomegalovirus-infected CD34+ Progenitor Cells into Lymphocytes and HCMV Viral Latency

**SOAR Online Learning**, National Human Trafficking Training and Technical Assistance Center January 2019

Training in providing a trauma-informed, culturally and linguistically appropriate response to human trafficking patients.

**National Institutes of Health Clinical Center**, Bethesda, MD October 2015-April 2016

Introduction to the Principles and Practice of Clinical Research

**Duke University,** Global Health Study Abroad Program, South Africa June 2013

Conducted an interview-based research project on barriers to health care access in rural HaMakuya.

**National Institute of Emergency Medical Services,** Washington, DC June 2012

EMT-B National Certification

**RESEARCH EXPERIENCE**

***Researcher*, MedStar WHC-GUH OBGYN Residency**, Washington, DCJune 2020-Present

Conducting studies pertaining to IUD placement after deliveries complicated by intrauterine infection, resident simulation for stillbirth management, vaginal diameter and colpopexy outcomes, maternal congenital bicuspid aortic valve and associated aortopathies pregnancy outcomes, and strumal carcinoid of the ovary.

***Researcher,* Georgetown University School of Medicine**, Washington, DCMay 2018-March 2020

Designed and conducted an IRB-approved two-phase mixed-methods study that examined the presence of, barriers to, and efficacy of protocols for screening, identifying, and responding to human trafficking victims at emergency departments of hospitals in the Washington, DC metropolitan area.

Conducted retrospective study reviewing complications related to the performance of all forms of minimally invasive sacral colpopexy (MISC) over a 10-year period since the introduction of TVH/SCP at Washington Hospital Center and the use of an ultra-lightweight polypropylene mesh.

Designed pre- and post-rotation medical student human trafficking survivor care knowledge acquisition survey for Dignity Health Methodist Hospital of Sacramento.

***Clinical Trials Researcher,* National Institutes of Health,** Bethesda, MD July 2015-June 2016

With Drs. Jeffrey Cohen and Lesia Dropulic

Assisted with patient recruitment and screening for clinical trials eligibility, collected patient samples, conducted patient observations, developed clinical study protocols, participated in scientific review and IRB processes, and conducted data analyses for an RSV vaccine phase I study.

***Researcher, Laboratory of Dr. Thomas Shenk*, Princeton University,** Princeton, NJ May 2014-May 2015

Developed lentiviral vectors containing wild-type or mutant RL13, which were used to transduce MRC-5 fibroblast cells for analysis of viral DNA replication, virus production, and the infectivity of progeny virions to understand better the role of RL13 in Human Cytomegalovirus Replication in the broader effort to develop a vaccine against the virus.

***Research Assistant, Washington Hospital Center***, Washington, DC July 2012

Analyzed EKG and other patient data for two electrophysiologists, Drs. Adam Strickberger and Ganesh Venkataraman, to study the benefits of an atrial flutter ablation procedure.

**VOLUNTEER EXPERIENCE**

***Volunteer EMT, Princeton First Aid and Rescue Squad*,** Princeton, NJ October 2012-December 2014

**TEACHING EXPERIENCE**

***Curriculum development,* Georgetown University School of Medicine**, Washington, DC April 2018-May 2019

Developed lecture materials for integration of the subject of human trafficking into the Georgetown University School of Medicine Family Medicine rotation.

***Nature Instructor, Madeira School Summer Camp***, Great Falls, VA July-August 2013

Prepared lesson plans and taught nature lessons for students, ages 5-14.

***Assistant Coach, Tuckahoe Recreation Club***, McLean, VA Summers and Winters, 2008-2011

Coached swimmers ages 5-7 during practices and meets and provided stroke technique lessons.

**PUBLICATIONS & PRESENTATIONS**

Schirm K, Chornock R, Mokhtari NM, Sondheimer T. **Resident Simulation for Stillbirth Management.** *Medstar WHC-GUH OBGYN Resident Research Day*. May 2023.

Fahimuddin F, Schirm K, Fries M. **Perinatal and postpartum outcomes in patients with congenital bicuspid aortic valves and related aortopathies.** (pending)

Schirm K, Kyrillos A, Davis-Cooper S, Brant A, Ye P. **Assessment of adverse outcomes after IUD placement within 3 months of delivery complicated by intrauterine infection, a systematic review.** (pending)

Schirm K, Ahmed N, Linnartz K, Iglesia C. **Does Transverse Vaginal Diameter Predict Vaginal Colpopexy Outcomes**? (pending)

Woodburn KL, Bradley SE, Ward SA, Schirm KA, Clarke B, Gutman RE, Sokol AI. **Assessing the Impact of Vaginal Hysterectomy with Vaginal Mesh Attachment on Outcomes and Complications during Minimally Invasive Sacrocolpopexy**. J Minim Invasive Gynecol. 2023 Jan; 30(1):25-31. doi: 10.1016/j.jmig.2022.09.556. Epub 2022 Oct 9. PMID: 36223863.

Masson R, Schirm K, Lane T, Yee M. **A rare case of vancomycin-induced IgA bullous dermatosis in a patient with antiphospholipid syndrome.** *MedStar Health-Georgetown University Research Symposium.* May 2019.

[Milligan KL](https://www.ncbi.nlm.nih.gov/pubmed/?term=Milligan%20KL%5BAuthor%5D&cauthor=true&cauthor_uid=27671921), [Schirm K](https://www.ncbi.nlm.nih.gov/pubmed/?term=Schirm%20K%5BAuthor%5D&cauthor=true&cauthor_uid=27671921), [Leonard S](https://www.ncbi.nlm.nih.gov/pubmed/?term=Leonard%20S%5BAuthor%5D&cauthor=true&cauthor_uid=27671921), [Hussey AA](https://www.ncbi.nlm.nih.gov/pubmed/?term=Hussey%20AA%5BAuthor%5D&cauthor=true&cauthor_uid=27671921), [Agharahimi A](https://www.ncbi.nlm.nih.gov/pubmed/?term=Agharahimi%20A%5BAuthor%5D&cauthor=true&cauthor_uid=27671921), [Kleiner DE](https://www.ncbi.nlm.nih.gov/pubmed/?term=Kleiner%20DE%5BAuthor%5D&cauthor=true&cauthor_uid=27671921), [Fuss I](https://www.ncbi.nlm.nih.gov/pubmed/?term=Fuss%20I%5BAuthor%5D&cauthor=true&cauthor_uid=27671921), [Lingala S](https://www.ncbi.nlm.nih.gov/pubmed/?term=Lingala%20S%5BAuthor%5D&cauthor=true&cauthor_uid=27671921), [Heller T](https://www.ncbi.nlm.nih.gov/pubmed/?term=Heller%20T%5BAuthor%5D&cauthor=true&cauthor_uid=27671921), [Rosenzweig SD](https://www.ncbi.nlm.nih.gov/pubmed/?term=Rosenzweig%20SD%5BAuthor%5D&cauthor=true&cauthor_uid=27671921). **Ataxia telangiectasia associated with nodular regenerative hyperplasia.** *Journal of Clinical Immunology*, 36(8): 739-742. 2016.

Schirm K, Milligan KL, Ahn J, Memoli M, Powers J, Cohen J, Lau A, Karron R, Collins P, Buchholz U, Dropulic L. **A phase I study of respiratory syncytial virus human challenge in healthy adult volunteers**. *NIH Postbac Poster Day.* Bethesda, MD. 2016.

**LEADERSHIP AND MEMBERSHIP ACTIVITIES**

Administrative Chief (Medstar OBGYN)

American College of Obstetricians and Gynecologists, member (Medstar OBGYN, Georgetown)

AMWA-PATH National Student Interest Group, member (Medstar OBGYN, Georgetown)

Ob/Gyn Interest Group Executive Board Member (Georgetown)

Red Cross Blood Drive Coordinator (Georgetown)

Global Health Interest Group Student Leader (Georgetown)

Student Mentorship Program, mentor and mentee (Georgetown)

Big Hoya Little Saxa Youth Mentoring Volunteer (Georgetown)

Human Trafficking and Public Health-HEAL Trafficking Network, member

AMA and JAMA Network Community, member

Princeton Global Health Program Student Representative

Princeton Friends of Wellbody Alliance Communications Director

Princeton Premedical Society mentor and member

Princeton Public Health Review Design Editor

**SKILLS AND INTERESTS**

Proficient in Microsoft Excel, PowerPoint, statistical analysis

Advanced intermediate Spanish

Peloton, Traveling, Reading Historical Fiction, Scuba Diving, Baking, Drawing and Painting