**Amalia (Meier) Magaret, PhD**

### 1. CONTACT INFORMATION

Address: Department of Pediatrics, University of Washington,

Box 359300, Seattle, WA 98195

Phone: (206) 884-1019

Email: amag@uw.edu

### 2. PERSONAL DATA

Place of Birth: Maryville, Missouri, USA

### 3. EDUCATION

1. 1992 BS in Chemistry/Math, University of Notre Dame
2. 1997 MS in Applied Statistics, Western Michigan University
3. 2001 PhD in Biostatistics, University of Washington

### 4. POST GRADUATE TRAINING

1. 1998-00 Statistician, Department of Obstetrics and Gynecology, University of
2. Washington, Seattle, WA
3. 1998-05 Statistician and Consultant, University of Washington research projects at
4. Kenyatta National Hospital, Nairobi, Kenya
5. 2000-01 Pre-Doctoral Fellow, Center for AIDS/STD Research, Seattle, WA
6. 2002-03 Post-Doctoral Research Associate, SCHARP,
7. Fred Hutchinson Cancer Research Center, Seattle, WA
8. 2003-04 Clinical Research Associate, Infectious Diseases
9. Fred Hutchinson Cancer Research Center, Seattle, WA

### 5. FACULTY POSITIONS HELD

1. 2004-10 Research Assistant Professor, Laboratory Medicine, UW
2. 2004-10 Joint Assistant Member, Biostatistics, FHCRC
3. 2004+ Member of the Graduate Faculty, UW
4. 2010-2016 Research Associate Professor, Laboratory Medicine, UW
5. 2013-2016 Adjunct Res. Associate Professor, Department of Biostatistics, UW
6. 2010-2018 Joint Associate Member, VIDD and Biostatistics, FHCRC
7. 2016-2019 Research Professor, Laboratory Medicine, UW
8. 2016+ Adjunct Research Professor, Department of Biostatistics, UW
9. 2018+ Affiliate Member, VIDD and Biostatistics, FHCRC
10. 2019+ Research Professor, Pediatrics, UW

### 6. HOSPITAL POSITIONS HELD N/A

### 7. HONORS

1. 1997 ASA Award for Outstanding Achievement, Western Michigan University
2. 2001 Outstanding Student in Biostatistics, SPHCM, University of Washington

### 8. BOARD CERTIFICATION N/A

### 9. CURRENT LICENSE TO PRACTICE N/A

### 10. PROFESSIONAL ORGANIZATIONS

1. 2001+ American Statistical Association
2. 2001+ International Biometric Society (Western North American Region)

### 11. TEACHING RESPONSIBILITIES

Table 1. School of Public Health courses taught

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Course** | **Title** | **Credits** | **Years** | **Students** | **Responsibility** |
| Biost 310 | Biostatistics for the  Health Sciences | 3 | 2015 | 94 | All lectures |
| Epi 590 | Vaccines | 3 | 2006 to 2018 | 50 | 1 lecture |
| Early Fall Start | ‘CIS Seattle’ | N/A | 2012 | 40 | 1 lecture |

Table 2. UW Mentoring responsibilities (last 5 years)

|  |  |  |  |
| --- | --- | --- | --- |
| **Year** | **Role** | **Student** | **Department** |
| 2013 | Member, MPH Thesis committee | Tara Perti | Epidemiology |
| 2013 | GSR, Dissertation committee | Laura Newman | Epidemiology |
| 2013 | Mentor, research assistantship | Fedelis Mutiso | Biostatistics |
| 2013 | Member, MPH Thesis committee | Nicole Boyle | Epidemiology |
| 2014 | Member, MPH Thesis committee | Benjamin Zaniello | Epidemiology |
| 2014 | Mentor, research assistantship | Anqi Cheng | Biostatistics |
| 2015 | Member, MPH Thesis committee | Elfriede Agyemang | Epidemiology |
| 2015 | Member, MPH Thesis committee | Jessica Yager | Epidemiology |
| 2015 | Mentor, independent study | Adam Brand | Biostatistics |
| 2015 | Mentor, research assistantship | Anya Mikhaylova | Biostatistics |
| 2016 | Member, MPH Thesis committee | Jenny Lenahan | Epidemiology |
| 2016 | Member, MPH Thesis committee | Cecilia Lee | Epidemiology |
| 2016 | Member, MPH Thesis committee | Nazila Dabestani | Epidemiology |
| 2016 | Mentor, research assistantship | Yunqi Bu | Biostatistics |
| 2016 | Mentor, research assistantship | Jiaqi Yin | Biostatistics |
| 2017 | Member, MPH Thesis committee | Yuan Zhou | Epidemiology |
| 2017 | Mentor, research assistantship | Hyunju Son | Biostatistics |
| 2018 | Member, MPH Thesis committee | Helen Karita | Epidemiology |
| 2018 | Member, MPH Thesis committee | Mary Chan | Epidemiology |
| 2018 | Chair, MS Thesis committee | Michael Flanagin | Biostatistics |
| 2019 | Mentor, research assistantship | Mark Warden | Epidemiology |
| 2019 | Mentor, independent study | Kun Yue | Biostatistics |

Table 3. Community service teaching

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Event** | **Title** | **Years** | **Students** | **Responsibility** |
| Expand Your Horizons, STEM at Edmonds Community College | Using math to prevent HIV | 2013 | 40 | 1 lecture |

### 12. EDITORIAL RESPONSIBILITIES

None

### 13. SPECIAL NATIONAL RESPONSIBILITIES

1992-1994 United States Peace Corps volunteer, Gabon, West Africa

Taught math and science at the junior high level, in French

2006-8 Grant reviewer for Pennsylvania State Department of Health

2009 Grant reviewer for Bill and Melinda Gates Foundation

2017 Grant reviewer for National Institutes of Allergy and Infectious Disease,

NIH, T-cell reagent research for the study of allergic diseases (U19)

2019+ Grant reviewer for Cystic Fibrosis Foundation, Clinical Scholars Program

2019+ Reviewer for Cystic Fibrosis Foundation, Physicians Training Program

2019+ Mentor, Cystic Fibrosis Foundation Statistics Network Program

2019+ Reviewer, Cystic Fibrosis Reproductive and Sexual Health Collaborative

PCOR training program

### 14. SPECIAL LOCAL RESPONSIBILITIES

1. 2005-11 Institutional Review Board, Cancer Research and Biostatistics, Seattle WA

2013-18 Member, Admissions Committee, Department of Biostatistics

2014-19 Member, Grand Rounds Committee, Department of Lab Medicine

2016-19 Member, Appointments and Promotions Committee, Dept of Lab Medicine

2018+ Member, Appointments and Promotions Committee, School of Medicine

### 15. RESEARCH FUNDING

**Active funding**

5U01HL114589-05 Hamblett (PI) 9/1/2013-6/30/2020

NIH/NHLBI: Role: Biostatistician

**Optimizing Treatment for Early Pseudomonas aeruginosa Infection in Cystic Fibrosis: The OPTIMIZE Multicenter Randomized Trial- Data Coordinating Center**

The objectives of this multicenter, randomized study are to evaluate the effectivness of azithromycin therapy on the treatment of new onset Pseudomonas aeruginosa in children with cystic fibrosis.

RAMSEY03Y0 Goss (PI) 4/1/2003-3/31/2020

Cystic Fibrosis Foundation: Role: Faculty Director, Statistical Research

**Therapeutics Development Network Coordinating Center**

This award is to manage the data coordinating center for adult CF trials originating from the Seattle site.

NICHOL18Y3 Nichols (PI) 4/1/2018-3/31/2020

Cystic Fibrosis Foundation: Role: Faculty Biostatistician

**Clinical Research Scholars Program Award for TDNCC**

This award provides infrastructure for clinical research career development across the network, research network development, network training, and consulting with outside sponsors interested in CF.

MAGARE19K0 Magaret(PI) 2/1/2019-1/31/2020

Cystic Fibrosis Foundation: Role: PD/PI

**Bedaquiline for M. abscessus lung infection (BDQ)**

This is a planning grant to finalize a clinical trial protocol, focusing on the potential benefits of management of pulmonary infection due to *M. abscessus* in CF patients. The planning grant is to develop a well-established paradigm for clinical trial design, which is currently a critical barrier to developing NTM therapeutics.

**Pending funding**

GOSS18A0 Goss (PI) 8/1/2019-7/31/2020

Cystic Fibrosis Foundation: Role: Faculty Director, Statistical Research

**Gallium-NTM: A Phase 1b, Multi-center, Randomized, Placebo-Controlled Study of IV Gallium Nitrate in Patients with CF (ABATE)**

This project is the planning project for the larger ABATE Clinical trial studies; we are the coordinating and development site.

**(Selected) Completed funding**

UW Center for AIDS and STD Research Fellowship 01/01/00 - 12/20/01

P01 AI30731-23 (A. Wald) 7/1/2013-6/30/2018

NIH / NIAID : Role: Core Leader; Statistical Core

**Clinical Epidemiology & Pathogenesis of Asymptomatic Genital Herpes (Core C)**

This Core of the P01 grant has four specific aims: 1) consult in the design of experimental methods, including sample size computation, and the conceptualization of viral dynamics studies, 2) coordinate data management, overseeing data collection procedures, laboratory sample management, results handling and integration of diverse data sources, 3) perform appropriate statistical analyses and modeling, contributing to the interpretation and reporting of results, 4) design novel dynamical mathematical models and other statistical methodologies as needed, optimizing our analytic approach.

Grant 26469 (Celum, PI) 05/01/03 - 4/01/09

Bill & Melinda Gates Foundation: Role: Co-investigator, Statistical Manager

**HSV-2 Suppression to Prevent HIV Transmission**

To conduct a multi-site randomized trial in Africa and Asia to assess the efficacy of

acyclovir treatment on the sexual transmission of HIV in HIV-serodiscordant

couples.

RO1 CA 213130-01 (M. Madeleine) 2/22/2017-08/21/2020

FHCRC/NIH: Role: Co-investigator

**Therapeutic use of HPV L1 vaccine in anogenital neoplasia: VIVA Trial**

We will conduct a randomized, double-blind, placebo-controlled proof-of-concept clinical trial of quadrivalent HPV vaccine administered to women and men with high-grade intraepithelial vulvar or anal neoplasia, or Stage 1 vulvar or anal cancer.

U19 AI 113173-02 (Marrazzo) 07/01/2014-06/30/2019 NIH: Role: Co-investigator

**UW STI CRC: The Genital Microbiome as a Determinant of Sexual Health & Local Immunity**

Our objective is to establish a Sexually Transmitted Infection (STI) Cooperative Research Center at the University of Washington (UW) to investigate interactions between the human genital microbiome and syndromes and pathogens that contribute to STI-related morbidity. We will apply our innovative approach of intensive sampling and robust characterization of the genital microbiome to investigation of STI pathogens and bacterial communities.

### 16. BIBLIOGRAPHY

### Manuscripts in Refereed Journals

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2. Eschenbach DA, Patton DL, **Meier AS**, Thwinn SS, Aura J, Stapleton A, Hooton TM. 2000. Effects of oral contraception pill use on vaginal flora and vaginal epithelium. Contraception; 62(3):107-12.
3. Miller L, Patton D, **Meier A**, Thwin SS, Hooten TM, Aura J, Agnew K, Stapleton A, Eschenbach D. 2000. Depomedroxyprogesterone-induced hypoestrogenism and changes in vaginal flora and epithelium. Obstet Gynecol;96(3):431-9.
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6. Van Kessel K, Reed S, Newton K, **Meier A**, Lentz G. 2001. The second stage of labor and stress urinary incontinence. Am J Obstet Gynecol;184(7):1571-5.
7. Mwachari C, Cohen CR, **Meier A**, Nganga L, Kimari J, Odhiambo J. 2001. Respiratory tract infection in HIV-1 infected adults in Nairobi, Kenya: evaluation of risk factors and the WHO treatment algorithm. J Acquir Immune Defic Syndr;27(4):365-71.
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11. **Meier AS**, Richardson BA, Hughes JP. 2003. Discrete proportional hazards models for mismeasured outcomes. Biometrics;59:947-54.
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13. Meyer JL, Crosby RA Whittington WL, Carrell D, Ashley-Morrow R, **Meier AS**, Harrington RD, Diclemente R, Wald A. The psychosocial impact of serological herpes simplex type 2 testing in an urban HIV clinic. Sex Transm Infect. 2005 Aug;81(4):309-15.
14. Cohen CR, Koochesfahani KM, **Meier AS**, Shen C, Karunakaran K, Ondondo B, Kinyari T, Mugo NR, Nguti R, Brunham RC. 2005. Immunoepidemiologic profile of chlamydia trachomatis infection: importance of heat-shock protein 60 and interferon- gamma. J Infect Dis;192(4):591-9.
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165. Yuh T, Micheni M, Selke S, Oluoch L, Kiptinness C, **Magaret A**, Chohan B, Ngure K, Wald A, Mugo NR, Roxby AC. 2020. Sexually transmitted infections among Kenyan adolescent girls and young women with limited sexual experience. Front Public Health;in press.
166. Karita HS, Waterboer T, **Magaret A**, Doody DR, Pawlita M, Brenner N, Wald A, Madeleine MM. Humoral response to HPV16 proteins in persons with anal high-grade squamous intraepithelial lesion or anal cancer. Canc Epi Biom & Prev;in press.

### Book Chapters

Janes H and **Magaret A**. (authors contributed equally) Chapter 2, Statistical evaluation of diagnostic tests. In: Lennette’s laboratory diagnosis of viral infections, 4th ed, edited by Jerome, KR. Informa Healthcare, New York, 2010.

### Published books, videos, software

1. R packages *estabphi* and *formbbinom* are available with this article: Sample size for a binomial proportion with autocorrelation. Stat Comm Infect Dis;3(1):Article 8. DOI: 10.2202/1948-4690.1036
2. R code for clinical trial simulation is available with this article: Design and of a multi-arm randomized clinical trial with no control arm. Contemp Clin Trials, 46:12-17.

### Other publications

1. **Magaret A**. 2016. Models for HSV shedding must account for two levels of overdispersion. University of Washington Biostatistics working paper series, #410. http://biostats.bepress.com/uwbiostat/paper410/
2. **Magaret AS**, Wald A. 2017. Autism link to herpes simplex virus 2 antibody in pregnancy likely to be spurious. mSphere, 2:e00106-17.

### Abstracts (last 5 years)

1. Hall Sedlak R, Cook L, Huang ML, **Magaret A**, Jerome K. Clinical application of a droplet digital PCR assay for human cytomegalovirus. Annual Clinical Virology Symposium, Daytona Beach, FL, 2014.
2. Huang ML, Johnston C, Fitzgibbon M, Stensland L, **Magaret A**, Diem K, Koelle DM, Russell, R, Selke S, Wald A, Jerome KR. Strain typing HSV-2 in genital swabs by duplex droplet digital PCR. International Herpesvirus Workshop, Kobe, Japan, July 2014.
3. Matrajt L, Mayer BT, Krantz EM, **Magaret A**, Wald A, Corey L, Casper C, Schiffer JT, Gantt S. Contrasting shedding patterns in five human herpesviruses in Ugandan infants, children and mothers. International Herpesvirus Workshop, Kobe, Japan, 2014.
4. Gantt S, Krantz E, Mayer B, Matrajt L, **Magaret A**, Selke S, Huang ML, Jerome K, Orem J, Wald A, Corey L, Schiffer J, Casper C. Incidence and risk factors for primary infection differ between human herpesviruses (HHVs) in Ugandan infants. International Herpesvirus Workshop, Kobe, Japan, 2014.
5. Boyle N, Podczervinski S, Morrison A, Butler-Wu S, Zerr D, Rogers K, Stednick Z, **Magaret A**, Wald A, Pergam S. Evaluating Risk Factors for *Clostridium difficile* Infection in Adult and Pediatric Hematopoietic Cell Transplant Recipients Infectious Diseases Society of America, Philadelphia, PA, 2014.
6. Johnston C, **Magaret A**, DiemK, FitzgibbonM, Huang ML, Selke S, RashevskyA, Lingappa J, Celum C, Koelle DM, Wald A. Defining herpes simplex virus type 2 sequence heterogeneity using next generation sequencing. Infectious Diseases Society of America, Philadelphia, PA, 2014.
7. Ramchandani M, Russell R, Jing L, **Magaret A**, Selke S, Huang ML, Strachan E, Wald A, Koelle DM. Host and Pathogen Genetics Modulate HSV-1 Severity. Infectious Diseases Society of America, Philadelphia, PA, 2014.
8. Wald A, Warren T, Fife K, Tyring S, Lee P, Van Wagoner N, Bernstein D, Flechtner JB, **Magaret A**, MorrisA, Hetherington S. Therapeutic HSV-2 vaccine (GEN003) results in durable reduction in genital lesions at 1 year. Infectious Diseases Society of America, Philadelphia, PA, 2014.
9. Wald A, Timmler B, **Magaret A**, Warren T, Tyring S, Fife K, Selke S, Huang ML, Stobernack HP, Corey L, Birkmann A, Ruebsamen-Schaeff H. Pritelivir is more effective for suppression of genital HSV-2 shedding than valacyclovir. Interscience Conference on Antimicrobial Agents and Chemotherapy, Washington DC, 2014.
10. **Magaret A**, Jacob S. Design of a multi-arm randomized clinical trial with no control arm, a sepsis treatent study. Innovative Methods Program for Advancing Clinical Trials Symposium III, Raleigh NC, 2014.
11. Newman L, Njoroge A, Chohan B, **Magaret A**, Gorstein J, Overbaugh J, Wamalwa D, Obimbo E, Nduati R, Farquhar C. Sustained Responses to Measles Revaccination in HIV-Infected Children on ART in Kenya. Conference on Retroviruses and Opportunistic Infections, Seattle WA, 2015.
12. Bender Ignacio RA, Perti T, **Magaret A**, Stevens CE, Rajagopal S, Huang ML, Johnston CM, Selke S, Marrazzo JM, Wald A. Effect of oral and gel tenofovir on genital HSV shedding in immunocompetent women. Conference on Retroviruses and Opportunistic Infections, Seattle WA, 2015.
13. Looker KJ, **Magaret AS**, Turner KME, Vickerman P, Gottlieb SL and Newman L. Global and WHO regional estimates of herpes simplex virus type 2 (HSV-2) infections in 2012. British Association for Sexual Health and HIV, Glasgow, Scotland, 2015.
14. Chu HY, Katz J,Tielsch J, Khatry SK, LeClerq S, **Magaret A**,Kuypers J, Steinhoff M, and Englund JA. MDRSV Infection in Infants is Associated with Low Mortality in Rural Nepal. Infectious Diseases Society of America, Seattle, WA, 2015.
15. Agyemang EA, **Magaret AS**, Selke S, Johnston C, Corey L, Wald A. HSV Shedding: surrogate for disease severity and response to antivirals. Infectious Diseases Society of America, Seattle, WA, 2015.
16. Mugo N, Eckert L, Cheng A, **Magaret A**, Celum C, Saah A, Baeten J, Galloway D, Ngure K, Wamalwa D, Wald A. Quadrivalent HPV vaccine in HIV-infected early adolescent girls and boys in Kenya: immunogenicity and correlation with immune status. International Papilloma Virus, Lisbon, Portugal, 2015.
17. Wald A, **Magaret A**, Warren T, Van Wagoner N, Kreisel J, Tyring S, Fife K, Seiden D, Smith L, Mammen M. Therapeutic DNA vaccine for genital herpes. Interscience Conference on Antimicrobial Agents and Chemotherapy, Boston, 2016.
18. Dabestani N, Dombrowski J, **Magaret A**, Katz D, Wald A, Johnston C. Time Trends in First Episode Genital HSV in an Urban STD Clinic. National STD Prevention Conference, Atlanta GA, 2016.
19. Agyemang EA, Warren T, Selke S, **Magaret A**, Johnston C, Wald A. Performance of Commercial Enzyme-Linked Immunosorbent Assays (ELISAs) for Diagnosis of HSV-1 and HSV-2 Infection in a Clinical Setting. National STD Prevention Conference, Atlanta GA, 2016.
20. Hill JA, Hall-Sedlak R, **Magaret A**, Mikhaylova A, Huang ML, Jerome KR, Zerr DM, Boeckh M. Large-Scale Identification and Characterization of Hematopoietic Cell Transplant Recipients and their Donors with Inherited Chromosomally Integrated HHV-6. IDWeek, New Orleans LA, 2016.
21. Hill JA, Hall-Sedlak R, **Magaret A**, Mikhaylova A, Huang ML, Jerome KR, Zerr DM, Boeckh M. Outcomes after allogeneic hematopoietic cell transplantation with donors or recipients harboring inherited chromosomally integrated HHV-6. BMT Tandem, Orlando, FL, 2017.
22. Micks E, Son H, **Magaret A**, Selke S, Johnston C, Wald A. The effects of follicular versus luteal phase menstrual cycle timing on genital herpes simplex virus-2 shedding and lesions. International Society for Sexually Transmitted Diseases Research, Rio, Brazil, 2017.
23. Johnston C, **Magaret A**, Yuhas K, Srinivasan S, Proll S, Hughes UP, Kohler CM, Varon D, Pholsena N, Marrazzo JM, Fredricks DN, Wald A. Association between genital herpes simplex virus type-2 shedding and presence and quantity of bacterial vaginosis-associated bacteria. International Society for Sexually Transmitted Diseases Research, Rio, Brazil, 2017.
24. Johnston C, Son H, **Magaret A**, Stern M, Huang ML, Selke S, Jerome KR, Koelle DM, Wald A. Decline in genital shedding in the year after first clinical episode genital herpes simplex virus type 1. International Society for Sexually Transmitted Diseases Research, Rio, Brazil, 2017.
25. Micks E, Son H, **Magaret A**, Selke S, Johnston C, Wald A. The effect of hormonal contraception and menstrual cycle timing on genital herpes simplex virus-2 shedding and lesions. Infectious Diseases Society for Obstetrics and Gynecology, Park City, Utah, 2017.
26. Azenkot T, Zaniello B, Green ML, Selke S, Huang ML, **Magaret A**, Wald A, Johnston C. Frequent cytomegalovirus shedding in breastmilk in healthy women persists up to 17 weeks post-partum. Infectious Diseases Society for Obstetrics and Gynecology, Park City, Utah, 2017.
27. Parker M, Han Z, Abu-Haydar E, Matsiko E, Iyakaremye D, Tuyisenge L, **Magaret A**, Lyambabaje A. Evaluation of hemoglobin measurement tools for child anemia screening in Rwanda. International Union of Nutritional Sciences, Buenos Aires, Argentina, 2017.
28. Boonyaratanakornkit J, Englund J, **Magaret A**, Bu Y, Tielsch J, Shrestha L, Khatry SK, LeClerq S, Kuypers J, Katz J, Steinhoff M, Chu H. Clinicalpresentation, risk factors, and cross-protection from repeated respiratory viral infections in infants in Nepal. ID Week, San Diego, CA, 2017.
29. Johnston C, Son H, **Magaret A**, Stern M, Gunby S, Ott M, Huang ML, Selke S, Jerome KR, Wald A, Koelle M. Mucosal Shedding and Cellular Immune Response After First Episode Genital Herpes Simplex Virus Type 1 Infection. ID Week, San Diego, CA, 2017.
30. Mazur NI, Horsely N, Bont LJ, Graham BS, de Haan CAM, Jacobino SR, Khatry SK, Kumar A, LeClerq S, Leusen J, **Magaret A**, Nederend M, Steinhoff MC, Tielsch JM, Katz J, Englund, JA, Chu HY. The role of breast milk respiratory syncytial virus prefusion F-protein IgA antibodies against RSV acute-respiratory illness in infants. RSV vaccines for the World, Malaga, Spain, 2017.
31. Newman K, Gustafson K, Englund JA, Katz J, **Magaret A**, Khatry S, Shrestha L, LeClerq SC, Tielsch J, Steinhoff MC, Chu HY. Effect of diarrheal illness during pregnancy on adverse birth outcomes in Nepal. ID Week, San Francisco, CA, 2018.
32. Yuh T, Selke S, Kiptiness C, Oluoch L, **Magaret A**, Ngure K, Wald A, Mugo NR, Roxby AC. Sexually transmitted infections among adolescent girls in Thika, Kenya. ID Week, San Francisco, CA, 2018.
33. Madeleine MM, Schouten JT, Karita HS, **Magaret A**, Xi LF, Galloway D, Grieco V, Mao C, Wald A. A profile of VIVA: A vaccine trial to interrupt vulvar and anal neoplasia. IANS, Montreal, CA, 2018.
34. Corey L, Johnston C, Posavad C, Vigneault F, Koelle D, Ford E, Wald A, **Magaret A**, Zhu J. Disparities in TCR repertoires between anatomic sites: implications for harnessing the tissue memory T-cell response to chronic viral infections. International Herpesvirus Workshop, VanCouver, CA, 2018.
35. Ford E, Li A, Dong L, Jing L, Liang K, Sun S, Huang ML, **Magaret A**, Johnston C, Koelle D, Zhu J, Corey L. Expansion of the tissue-based T-cell repertoire is distinct from the PBMC response after immunotherapeutic HSV-2 vaccine. International Herpesvirus Workshop, VanCouver, CA, 2018.
36. Karita HS, **Magaret A**, Xi LF, Galloway D, Grieco V, Mao C, Schouten JT, Madeleine MM, Wald A. VIVA trial: HPV vaccine to interrupt recurrences of vulvar and anal lesions. International Papillomavirus Conference, Sydney AUS, 2018.
37. Micheni M, Yuh T, Selke S, Oluoch L, Kiptinness C, **Magaret A**, Ngure K, Wald A, Mugo NR, Roxby AC. High STI and pregnancy rates among low risk adolescent populations in Thika, Kenya. National AIDS & STI Control Programme Mtg, Nairobi Kenya, 2018.
38. Oluoch L, Roxby A, SelkeS, **MagaretA**, GakuoS, MicheniM, Chohan B, KiptinnessC, Wald A, NgureK, Mugo NR. Low uptake of Pre-exposure prophylaxis among young women at risk of HIV in Thika, Kenya. Conference on Retroviruses and Opportunistic Infections, Seattle WA, 2018.
39. Roxby A, **MagaretA**, SelkeS, MicheniM, Oluoch L, Yuh T, Chohan B, KiptinnessC, NgureK, Mugo NR, Wald A. Incidence of HSV-2 and HIV in a cohort of Kenyan adolescent girls. Conference on Retroviruses and Opportunistic Infections, Seattle WA, 2018.
40. Johnston C, **Magaret A**, Wald A. Natural history of genital and oral herpes simplex virus-1 (HSV-1) shedding after first episode genital HSV-1 infection. International Society for Sexually Transmitted Diseases Research, Vancouver, BC, CA, 2019.
41. Karita HS, **Magaret A**, Feng Q, Wald A. Quantitative oral HPV16 and HPV18 detection in patients attending dental clinics. International Society for Sexually Transmitted Diseases Research, Vancouver, BC, CA, 2019.

### 17. OTHER

### Invited\* lectures and oral presentations

**Regional**

1. **\*Meier AS**. Issues in the timing of data collection for estimating treatment effects in randomized clinical trials. Seminar, Department of Biostatistics, UW, Seattle. May 2004.
2. **\*Meier AS**. HSV Research and issues in shedding observation intervals. Seminar, Department of Biostatistics, UW, Seattle. October 2004.
3. **\*Meier AS**. Three myths about statistics or how to alienate great blue herons. Program in Infectious Diseases / Division of Virology Annual Meeting, FHCRC / UW, Seattle. December 2004.
4. **\*Meier AS**. Accuracy of HSV DNA detection by PCR. Program in Infectious Diseases / Division of Virology Research Conference, FHCRC / UW, Seattle. February 2005.
5. **\*Meier AS**. Statistical sampler: the low-fat smorgasbord approach to equations. Program in Infectious Diseases / Division of Virology Research Conference, FHCRC / UW, Seattle. July 2005.
6. **\*Magaret AS**. Empirical versus parametric validation of discrete proportional hazards models. Program in Biostatistics seminar, Hutchinson Cancer Center, Seattle. September 2006.
7. **\*Magaret AS**. Evidence of host genetic differences in HSV disease severity. Program in Infectious Diseases / Division of Virology Research Conference, FHCRC / UW, Seattle. April 2007.
8. **Magaret AS**, Krantz E, Huang ML, Selke S, Corey L, Wald A. Risk of subject-level misclassification in studies of herpes simplex virus and the usefulness of the term "shedder". International Society for Sexually Transmitted Diseases Research, Seattle WA. July 2007.
9. **Magaret AS**. Is "shedder" a useful label in virus research? Crafting a message regarding the dichotomization of rates into "none" versus "some". SCHARP Statistical Sciences Brown Bag, FHCRC. March 2008.
10. **\*Magaret AS**. Beyond ROC Curves: Recent Statistical Advances in the Evaluation of Diagnostic and Prognostic Tests. Grand Rounds, Department of Laboratory Medicine, UW. March 2008.
11. **\*Magaret AS**. “How many ‘shedders’ does it take to show my intervention works?” OR Absurdly-phrased study design issues in HSV. Program in Infectious Diseases / Division of Virology Research Conference, FHCRC / UW, Seattle. April 2009.
12. **Magaret AS.** Accurate sample size for HSV2 shedding studies and PIP ancillary study: higher incidence of death in the HIV-infected partner. Program in Infectious Diseases / Division of Virology Research Conference, FHCRC / UW, Seattle. June 2010.
13. **\*Magaret AS**. Per-act infectivity of HSV-2, Vaccine and Infectious Diseases Division, FHCRC, Seattle. January 2012.
14. **\*Magaret AS**. Accurate estimation of the efficacy of condoms in preventing HSV acquisition, Research Conference, Department of Laboratory Medicine, Seattle. February 2012.
15. **\*Magaret AS**. Statistical methodology for assessment of viral shedding and associated study design considerations. Biostatistics faculty seminar, FHCRC, Seattle. October 2012.
16. **\*Magaret AS**. Statistical methodology for assessment of viral shedding and associated study design considerations. Department of Biostatistics seminar, UW, Seattle. October 2012.
17. **\*Magaret AS**. Using validation subsets to alleviate bias in proportional hazards models when outcomes are mismeasured. Clinical trials affinity group seminar, FHCRC, Seattle. October 2012.
18. **Magaret AS**. A Bayesian randomized clinical trial for treatment of sepsis. Clinical Trials Affinity Group seminar, FHCRC, Seattle. November, 2013.
19. **Magaret AS**. Multi-arm trials using adaptive design: increased efficiency without induced bias. Grand Rounds, Department of Laboratory Medicine, UW. March 2014.
20. **\*Magaret AS**. Love is an Open Sore: But HSV shedding may be a better outcome than lesions for evaluating herpes treatments. Vaccine and Infectious Diseases Division Seminar, FHCRC, Seattle. October 2015.
21. **\*Magaret AS**. Detecting viral superinfection with limited samples, or how Dempster, Laird, & Rubin can slash your sequencing costs. Vaccine and Infectious Diseases Division Seminar, FHCRC, Seattle. September 2017.
22. **Magaret AS**. Historic controls in clinical trials. Stat Net Training Program, Therapeutics Development Network. July 2019.
23. **Magaret AS**. Lederer AJRCCM editorial and causal inference. Stat Net Training Program, Therapeutics Development Network. July 2019.
24. **Magaret AS**. N-of-1 studies, oxymoron or useful tool? Epidemiology and Biostatistics Annual Workshop, Therapeutics Development Network Coordinating Center. July 2019.
25. **Magaret AS**. Commonly Used Outcome Measures for CF Trials and Related Statistical Issues. Clinical Research Scholars Program, Therapeutics Development Network. October 2019.
26. **Magaret AS**. Data Archive and Registry. Clinical Research Scholars Program, Therapeutics Development Network. October 2019.
27. **Magaret AS.** Use of historical controls to assess emerging interventions in cystic fibrosis:  a comparison of methods. Clinical Trials Affinity Group, FHCRC, Seattle. Feb 2020.

**National**

1. **Meier AS**, Richardson, BA. Discrete proportional hazards model for uncertain outcomes. Presented at the Western North American Region Biometric Society Meeting, Burnaby, British Columbia. June 2001.
2. **Meier AS**. Incorporating outcome validation subsets and discrete proportional hazards models. Presented at the Eastern North American Region Biometric Society Meeting, Tampa, FL. March 2003.
3. **Magaret AS**, Stanaway J. Sample size for repeated-measures autocorrelated binomial distribution. Western North American Region of the International Biometric Society, Portland OR. June 2009.
4. **Magaret AS**. Misspecification of parameters in repeated-measures autocorrelated beta-binomial distribution: application to design of viral shedding studies. Western North American Region of the International Biometric Society, Seattle. June 2010.
5. **Magaret AS,** Warden M, Simon N, Heltshe S, Mayer-Hamblett, N. ‘Use of historical controls to assess emerging interventions in cystic fibrosis:  a comparison of methods and look forward’ Joint Statistical Meetings, Virtual, August 2020.

**International**

1. **\*Meier AS**. Enrollment characteristics. Partners in Prevention Study Annual Investigator's Meeting. Cape Town, South Africa. January 2006.
2. **\*Magaret AS**. Analysis of primary outcome and relevant data considerations. Partners in Prevention Study Annual Investigator's Meeting. Arusha, Tanzania. March 2007.