



# WILLIAM & MARY

CHARTERED 1693

## *Curriculum Vitae*

### **PERSONAL INFORMATION**

1. Name: Carrie B. Dolan Date: January 22, 2020  
Office Address: 112 Adair Hall  
Phone: (757) 221-2971  
Home Address: 137 North Quarter, Williamsburg, VA, 23185  
E-mail: cbdolan@wm.edu  
Webpage: www.carriedolan.com
2. Position: Assistant Professor Health Sciences

### **EDUCATION**

3. Ph.D. Healthcare Policy and Research, Virginia Commonwealth University, 2017  
Certificate Geographic Information Systems, Pennsylvania State University, 2011  
MPH Epidemiology, Tulane University, 2015  
Epidemiology, Johns Hopkins University  
B.Sc Community Health Education(Honors), Anthropology (Minor), East Carolina University, 2000

### **ACADEMIC POSITIONS**

4. Assistant Professor, Kinesiology and Health Sciences, William and Mary, August 2017-present  
Research Professor in Public Policy, College of William and Mary, August 2010-August 2017  
Adjunct Professor in Interdisciplinary Studies, College of William and Mary, August 2012-2013

### **HONORS, PRIZES AND AWARDS**

5. Phi Kappa Phi Honor Society (2013)  
Outstanding Graduate in Community Health Education (2000)  
Omicron Delta Kappa National Leadership Honor Society (2000)  
Artemis Leadership Award (2000)  
Phi Eta Sigma Honor Society (1999)  
Order of Omega Honor Society (1999)  
Gamma Beta Phi Honor Society (1998)

## COURSES TAUGHT

6. KINE 270 - (Foundations in Epidemiology)	Fall '17-present
KINE 460 - (Health Policy)	Fall '17,'18
KINE 369 - (Methods in International Health and Development)	Spring '18
PUBP 600-07 - (GIS and Public Policy)	Spring '12-Spring'17
INTR 490 - (GIS and Health)	Spring '12
PUBP 600-08 - (Spatial Analysis)	Spring '12,'15

## FELLOWSHIPS AND GRANTS

### 7. a) External Grants Awarded:

7. World Pediatric Project “*The Economic Impact of Pediatric Surgery in St. Vincent and the Grenadines*”, \$22,000 2019-2020
6. Bill and Melinda Gates Foundation “*Subnational variation in the costs and impacts of anti-malaria interventions.* ”, \$100,000 2016-2018 (with A.BenYishay)
5. The World Bank Group “*Evaluation of Anti-Malaria Projects*”, \$46,175 2015-2016 (with A.BenYishay)
4. Virginia Commonwealth University “*PhD Fellowship*”, \$95,000 2012-2014
3. Williamsburg Health Foundation “*Parental engagement in school-based nutrition and physical activity promotion programs in Williamsburg James City County Public Schools* ”, \$20,943 2011-2012 (with S.Ickes)
2. Centers for Disease Control and Prevention “*Integration of HIV/AIDS Surveillance Data with a Geographic Information System (GIS)*”, \$270,000 2006-2009 (with C.Delcher and J.Stover)
1. Centers for Disease Control and Prevention “*Capacity Building*”, \$120,000 2006-2008

### b) Internal William & Mary Grants:

4. Research Grant “*Exploring the Divide Between Attitude and Practice in Solid Waste Management in a Marginalized Community in the Dominican Republic*”, \$16,200 2019-2020 (with D.Villegas and N.Dar)
3. Summer Research Grant “*Improving the immunization rates for children under-5 at the Community Health Partners MCH clinics in Kenya*”, \$20,400 2019-2020
2. Research Grant “*Pulling the purse strings. Is there political preferencing in Chinese aid to Africa?*”, \$6,000 2019

1. Summer Research Grant “*Associations Between Health Aid, Malaria Service Readiness, and Utilization of Malaria Health Services: A Study Among Children Under 5 in Malawi*”, \$4,000 2018

## **RESEARCH**

### 8. a) **Publications in Refereed Journals:**

11. Dolan C, Shane T, Siebes S. ” What the Tweets Say: Understanding the Connectivity between Health Development Agencies” J Community Med Health Educ 9: 662 (2019)
10. Dolan, Carrie B., Ariel BenYishay, Karen A. Grépin, Jeffery C. Tanner, April D. Kimmel, David C. Wheeler, and Gordon C. McCord. ”The impact of an insecticide treated bednet campaign on all-cause child mortality: A geospatial impact evaluation from the Democratic Republic of Congo.” PloS one 14, no. 2 (2019).
9. Marty, Robert, Seth Goodman, Michael LeFew, Carrie Dolan, Ariel BenYishay, and Daniel Runfola. ”Assessing the causal impact of Chinese aid on vegetative land cover in Burundi and Rwanda under conditions of spatial imprecision.” Development Engineering 4 (2019): 100038.
8. Dolan, Carrie B.” Health aid projects have both expanded and constrained the capacity of health facilities to deliver malaria services to under-five children in Malawi.” BMJ global health 3, no. 6 (2018): e001051.
7. Marty, Robert, Carrie B. Dolan, Matthias Leu, and Daniel Runfola. ”Taking the health aid debate to the subnational level: the impact and allocation of foreign health aid in Malawi.” BMJ Global Health 2, no. 1 (2017): e000129.
6. Ickes, Scott, Emily Mahoney, Alison Roberts, and Carrie Dolan. ”Parental involvement in a school-based child physical activity and nutrition program in Southeastern United States: a qualitative analysis of parenting capacities.” Health promotion practice 17, no. 2 (2016): 285-296.
5. Mellor, Jennifer M., Carrie B. Dolan, and Ronald B. Rapoport. ”Child body mass index, obesity, and proximity to fast food restaurants.” International Journal of Pediatric Obesity 6, no. 1 (2011): 60-68.
4. Vasiliu, Oana E., Jeffrey A. Stover, Marissa JE Mays, Jennifer M. Bissette, Carrie B. Dolan, and Corina M. Sirbu. ”Providing mailing cost reimbursements: the effect on reporting timeliness of sexually transmitted diseases in Virginia.” Public Health Reports 124, no. 2 suppl (2009): 78-86.
3. Stover, Jeffrey A., Khalid A. Kheirallah, Philip Christopher Delcher, Carrie B. Dolan, and LaShonda Johnson. ”Improving surveillance of sexually transmitted diseases through geocoded morbidity assignment.” Public Health Reports 124, no. 2 suppl (2009): 65-71.
2. Dolan, Carrie, and Chris Delcher. ”Monitoring health inequities and planning in Virginia: poverty, human immunodeficiency virus, and sexually transmitted infections.” Sexually transmitted diseases 35, no. 12 (2008): 981-984.

1. Figueroa, J. Peter, Carrie B. Dolan, Diahnn Dale, Sarah Bassett Hileman, and Sharon Weir. "An assessment of sites where persons go to meet sexual partners in St. James, Jamaica, using the PLACE method." *Sexually transmitted diseases* 34, no. 6 (2007): 410-415.

#### **b) Book Chapters**

1. Dolan, Carrie B. "An Effectiveness, Efficiency, and Equity Approach to Examining Subnational Health Aid." In *Lessons on Foreign Aid and Economic Development*, pp. 63-81. Palgrave Macmillan, Cham, 2019.

#### **c) Moderated Repository Working Papers**

3. BenYishay, Ariel, Kristen Velyvis, Katherine Nolan, Lila Khatiwada, Carrie Dolan, Tom Purekal, Arif Mamun, and Sara Wilf. *Long-Term Impact Evaluation of the Malawi Wellness and Agriculture for Life Advancement Program*. Mathematica Policy Research (2019).
2. Arbia, Giuseppe, Paolo Berta, and Carrie B. Dolan. "Measurement error induced by locational uncertainty when estimating discrete choice models with a distance as a regressor." arXiv preprint arXiv:1904.01849 (2019).
1. BenYishay, Ariel, Daniel Runfola, Rachel Trichler, Carrie Dolan, Seth Goodman, Bradley Parks, Jeffery Tanner, Silke Heuser, Geeta Batra, and Anupam Anand. "A primer on geospatial impact evaluation methods, tools, and applications." In *AidData Working Paper 44*. AidData at William Mary Williamsburg, VA, (2017).

#### **d) Articles or Abstracts Appearing in Referred Conference Proceedings:**

14. Zewdu Y, Kakirde A, Chams-Eddine A, Macias C, Bashri D, Spitler A, Troupe A, Marsillac G, Adan M, Dolan C, Aday D "Measuring Community Capacity Through Social Network Analysis" GHIC 2018: Global Health and Innovation Conference, Yale University, New Haven,CT, April 2018
13. Dolan C "Associations Between Health Aid, Malaria Service Readiness and Utilization of Malaria Health Services: A Study Among Children Under 5 in Malawi" GHIC 2018: Global Health and Innovation Conference, Yale University, New Haven,CT, April 2018
12. Dolan C "Associations Between Health Aid, Malaria Service Readiness and Utilization of Malaria Health Services: A Study Among Children Under 5 in Malawi" Consortium of Universities for Global Health 9th Annual Global Health Conference, New York, New York, March 2018
11. Ransom E, Dolan C, Bain C "Food Security for Dairy Smallholders in Uganda: Place-Based Opportunities and Constraints for Women's Empowerment" African Studies Association, Chicago,IL, November 2017
10. Dolan C "All-Cause Child Mortality Reductions Associated with Malaria Bed Net Campaigns in the Democratic Republic of the Congo" American Public Health Association Annual Meeting, Denver, CO, October 2016
9. Dolan C "Anti-Malaria Aid Effectiveness and Climate Conditions in Sub-Saharan Africa" Southern Economic Association Annual Meeting, New Orleans, LA, November 2015
8. Dolan C "Does Location Matter? Proximity to Testing for HIV and Development Finance for Testing in Malawi" Virginia Commonwealth University Global Health Showcase, Richmond, VA April 2014

7. Meredith G, Delcher C, Dolan C, Pessoa-Brandao L, Roussel B. *"Assessment of Available HIV Case Data to Determine the Ability of the Haiti National HIV Case Notification System to Estimate Disease Burden"* XVIII International AIDS Conference, Vienna, Austria, 2010
6. Dolan C *"Data Suppression Strategies Used During Surveillance Data Release by Sexually Transmitted Disease Prevention Programs"* National HIV/AIDS Surveillance Workshop, Atlanta, GA, December 2007
5. Dolan C, Delcher C *"Health Disparities: Poverty and HIV/STDs in Virginia"* American Public Health Association Annual Meeting, Washington, DC, November 2007
4. Delcher C, Dolan C, Stover J *"Turning Data into Information-An Event Driven Approach to Information Education"* 5th Annual Public Health Information Network Conference, Atlanta, GA, August 2007
3. Strickler E, Ghandi A, Dolan C *"Transforming Data into Program Planning Recommendations: An Example from Recent Transgender Research"* HIV Prevention and Leadership Summit, New Orleans, LA, May 2007
2. Gandhi A, Dolan C *"Developing an Effective Process for determining priority Populations"* HIV Prevention and Leadership Summit, New Orleans, LA, May 2007
1. Delcher C, Dolan C, Stover J *"Strategic Aberration Monitoring System: Using Analysis, Visualization, and Reporting Mechanisms to Improve Sexually Transmitted Disease Surveillance"* 4th Annual Public Health Information Network Conference, Atlanta, GA, September 2006

#### **e) Invited Talks**

4. Dolan C *"Financing for Health: a Subnational Approach"* Bill and Melinda Gates Foundation, London, England, May 2018
3. Dolan C *"Tracking Results in Global Health and Post-2015 Agenda"* Abu Dhabi, United Arab Emirates, May 2015
2. Dolan C *"Geospatial Data, Tools and Research to Target and Evaluate aid More Effectively"* Institute for Disease Modeling at Intellectual Ventures, Seattle, WA, March 2014
1. Dolan C *"Does Location Matter? Proximity to Development Finance for Testing in Malawi"* Carnegie Endowment for International Peace, Washington, DC, October 2013

#### **f) Technical Reports**

7. *"Health Outcomes and Health Determinants in the Historic Triangle. Schroeder Center for Health Policy"*, College of William and Mary; December 2012. Technical report funded by the Williamsburg Community Health Foundation
6. *"Understanding parental involvement in childrens nutrition and physical activity: A qualitative study among families in Williamsburg, VA"* June 2012. Technical report funded by the Williamsburg Community Health Foundation
5. *"School Health Initiative Program (SHIP) 2011 Survey Report and BMI Analysis. Schroeder Center for Health Policy"* College of William and Mary; June 2011. Technical report funded by the Williamsburg Community Health Foundation
4. *"Assessing Physical Activity in the Classroom in the Wellness Integration Program"* Schroeder Center for Health Policy, College of William and Mary; June 2010. Technical report funded by the Williamsburg Community Health Foundation

3. *"Epidemiology Profile: HIV/AIDS in Virginia; 2007. Division of Disease Prevention"* Virginia Department of Health. Technical report funded by the Centers for Disease Control and Prevention
2. *"Priorities for Local AIDS Control Efforts (PLACE) in Jamaica: Monitoring AIDS Prevention at the Parish Level, St. James"* 2003. Technical report funded by the United States Agency for International Development
1. *"Priorities for Local AIDS Control Efforts (PLACE) for Use in Border Areas of Lesotho and South Africa"* Technical report funded by the United States Agency for International Development

## **PROFESSIONAL SERVICE**

### 9. a) **College Committee Service:**

#### i) **Arts and Sciences & University-wide**

- Digital Scholarship, September 2019-present
- Pre-Major Advising, August 2018-present
- Center for Geospatial Analysis Advisory Committee, August 2018-present
- University Teaching Project, 2018-2019
- Charles Center Summer Scholarship Committee, Spring 2018
- Data Science Committee, 2017

#### ii) **Departmental**

- Public Health Committee, August 2017-present
- Faculty Liaison to Honor Council, 2019

#### iii) **Student Supervision**

- Faculty Adviser for Freshman Monroe Scholar Summer Research ('18)
- Faculty Adviser for Student Organization for Medical Outreach and Sustainability (SOMOS), August 2017-present
- Faculty Adviser for Medical Aid Nicaragua Outreach Scholarship (MANOS), August 2017-present
- Honors Thesis Adviser: Sarah Salino, *"Close to Home: The Use of an Area-Based Socioeconomic Measure as an Indicator of Chlamydia Risk in Virginia"*, 2012

### b) **Other Professional Service:**

- The Explorers Club, 2019-present
- Consortium of Universities for Global Health Member, 2017-present
- American Public Health Association Member, 2016
- Virginia Commonwealth University sponsored AAS/Science Member, 2013
- AcademyHealth Member, 2013

## **PROFESSIONAL POSITIONS**

10. GIS Analyst, AidData, William and Mary, 2014-2017
- Technical Grant Writer, AidData, William and Mary, 2013-2014
- Assistant Director Reporting and Data Services, William and Mary, 2009-2013
- Technical Consultant, National Alliance State and Territorial AIDS Directors, 2007, 2010-2011
- Epidemiologist, Virginia Department of Health, 2006-2008
- Research Assistant, MEASURE Evaluation, Tulane University, 2005
- Research Assistant, Department of Epidemiology, Tulane University, 2004-2005
- Research Assistant, MEASURE Evaluation, UNC-Chapel Hill, 2003-2004
- United States Peace Corps Volunteer, St.James, Jamaica, 2002-2003
- Director, Health and Safety Service, American Red Cross, Colonial Virginia Chapter, 2002
- AmeriCorps Volunteer, United Way of Greater Williamsburg, 2001-2002