**CURRICULUM VITAE**

**Joshua Rivenbark**

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**EDUCATION**

2014 – present **Duke University Sanford School of Public Policy,** *Durham, NC*

Ph.D. in Public Policy, 2018 (anticipated)

2012 – present **Duke University School of Medicine,** *Durham, NC*

 M.D. in 2019 (anticipated)

2006 – 2010 **Iowa State University,** *Ames, IA*

 B.S. in Biochemistry, minor in Spanish

 *Summa cum laude*, GPA: 3.98/4.00

Fall 2008 **University of Edinburgh,** *Edinburgh, Scotland*

 Visiting student

**AWARDS AND HONORS**

Graduate Sanford Small Grant Award recipient

“Honors” in 8 out of 8 clinical rotations

 Medical Scientist Training Program Fellowship, 2012 - present

Undergraduate Ruth and Clayton Swenson Award, Spring 2010

 *(“To the outstanding representative of a liberal arts education in science”)*

 Phi Beta Kappa, Spring 2010

 Cardinal Key, Spring 2009

 *(Top honor society at Iowa State University)*

 Lewis Study Abroad Scholarship, Fall 2008

 ISU Scholar, 4 years

 National Merit Scholar, 4 years

**PUBLICATIONS**

Pak-Wittel MA, Yang L, Sojka DK, **Rivenbark JG,** Yokoyama WM. Interferon-γ mediates chemokine-dependent recruitment of natural killer cells during viral infection. *Proc Natl Acad Sci USA.* 2013;110(1):E50-9.

Gainey MD, **Rivenbark JG,** Cho H, Yang L, Yokoyama WM. Viral MHC class I inhibition evades CD8+ T-cell effector responses in vivo but not CD8+ T-cell priming. *Proc Natl Acad Sci USA.* 2012;109(47):E3260-7.

Lin Q, Huang B, Zhang M, Zhang X, **Rivenbark J,** Lappe RL, James MG, Myers AM, Hennen-Bierwagen TA. Functional interactions between starch synthase III and isoamylase-type starch-debranching enzyme in maize endosperm. *Plant Physiol.* 2012;158(2):679-92.

Kubo A, Colleoni C, Dinges JR, Lin Q, Lappe RR, **Rivenbark JG,** Meyer AJ, Ball SG, James MG, Hennen-Bierwagen TA, Myers AM. Functions of heteromeric and homomeric isoamylase-type starch-debranching enzymes in developing maize endosperm. *Plant Physiol.* 2010;153(3):956-69.

**PRESENTATIONS**

**Rivenbark J**, Rodriguez M, Kohrt B. Systematic review of task-sharing mental health care in low- and middle-income countries: With whom is the task shared? Roundtable. *American Public Health Association Annual Meeting*. Chicago, IL 2015.

**Rivenbark J**, O’Brien C. When Labs and Images Disagree: A Diagnostic Challenge for Progressive Multifocal Leukoencephalopathy. Poster. *American College of Physicians National Meeting*. Boston, MA 2015.

Rodriguez M, **Rivenbark J,** Kohrt B. Systematic Review of Global Mental Health Task-Sharing Training Initiatives in Low and Middle Income Countries. Poster. *Association for Psychological Science Annual Convention*. New York, NY 2015.

Parikh B, Han P, **Rivenbark J,** Yokoyama W. Splenic natural killer cells act early to select viral escape mutants during murine cytomegalovirus infection. Poster. *American Association of Immunologists Annual Meeting*. Honolulu, HI 2013.

Meyer A, **Rivenbark J,** Moallic C, James M, Myers A. Use of FACE as a tool to screen for rapidly degradable starch. Poster. *American Society of Plant Biologists Midwest Section Meeting*. Ames, IA 2008.

**TEACHING EXPERIENCE**

2014 – 2015 **Clinical Skills Course Student Leader**

 *Duke University School of Medicine*

* Teach basic clinical skills alongside faculty leader to small group of second-year medical students

Fall 2007 **Freshman Honors Seminar Co-leader**

 *Iowa State University*

* Formulated syllabus for introductory honors program class
* Guided students through class discussions and assignments

**EMPLOYMENT HISTORY**

2011 – 2012 **Yokoyama Research Laboratory**, Research Technician

*Washington University in Saint Louis School of Medicine*

* Conducted personal research project characterizing a strain of mice possessing a novel immunologic mutation
* Carried out experiments on behalf of laboratory members across a range of projects investigating immune response to viral infections in mice

2007 – 2010 **Myers Research Laboratory,** Research Assistant

*Iowa State University*

* Worked part-time during school year and full-time during summer on projects that described biochemical mechanisms of starch synthesis in corn

**INSTITUTIONAL SERVICE**

2015 – present **LCME Self-study Committee**

* Conduct internal review of medical school curriculum and student support in preparation for official LCME accreditation process in 2016
* Provide recommendations to administrative leaders regarding important areas of improvement for the accreditation of the school

2015 – present **Bass Connections Student Advisory Council**

* Advise leadership of Bass Connections, an interdisciplinary research program for undergraduates, graduate students, and faculty at Duke, on how to improve graduate student experience and participation in program

2014 – present **Davison Council (student government),** Class Representative

* Elected to represent class of 2016 in the medical school student government body
* Discuss issues that arise in medical education at Duke and develop plans to constantly improve student education
* Organize events and programs to support class

2014 – present **Careers in Internal Medicine Interest Group *–*** Co-chair

* Organize events for medical students to learn about the field of internal medicine and assist students in the residency application process
* Instituted an inaugural journal club event for medical students, residents, and faculty

2009 – 2010 **World Affairs Lecture Series Committee**

* Selected a diverse group of speakers to participate in the World Affairs Lecture Series at Iowa State and served as host to invited speakers
* Themes included “Can we save the world?” and “Where do we go from here?”

2009 – 2010 **ISUganda** – President

* Co-founded East African activism organization and served as president
* Coordinated events to raise awareness of social justice issues in the East African community and fundraised to support development work

Spring 2008 **Iowa State Blood Drive** – Executive Committee

* Served as co-chair of the publicity committee
* Organized a publicity campaign for the week-long blood drive

**COMMUNITY SERVICE**

2014 – present **Davison Council Service Committee** – Durham, NC and Duke University

* Develop long-term partnership with Urban Ministries of Durham, a non-profit in Durham serving poor and homeless citizens
* Conduct monthly school-wide events in partnership with Urban Ministries in order to address needs of the organization and community at large

2011 – 2012 **Casa de Salud** – St. Louis, MO

* Clinic provided free or low-cost primary care with the goal of connecting people in the Latino community to the healthcare system
* Served as interpreter for patients who speak little to no English
* Volunteered as administrative assistant

Spring 2010 **Iowa State Community Health Fair** – Ames, IA and Iowa State University

* Organized a community health fair to provide free basic health services such as vitals, blood sugar tests, and chiropractic exams to underserved SE Asian American community
* Linked individuals in need of services with appropriate health care in the area
* Coordinated student volunteers as a student leader in corresponding course: LAS 491- Service Learning

Summer 2009 **Service Learning in Rwanda** – Kigali, Rwanda

* Volunteered at orphanage in capital city
* Observed range of healthcare settings from local to national level
* Acquired firsthand insight into health and social issues in Rwanda

2007 – 2009 **Mary Greeley Medical Center** – Ames, IA

* Processed patient admissions to emergency department
* Served as patient sitter for those at high risk of falls or other accidents

**PROFESSIONAL AFFILIATIONS**

American Public Health Association

American College of Physicians, Resident and Medical Student Committee

American Medical Student Association