

DUKE UNIVERSITY MEDICAL CENTER

CURRICULUM VITAE

Kristin M Schroeder, MD MPH

June 2017

ADDRESS: Box 102382
Duke University Medical Center
Durham, NC 27705

PHONE: 919-668-6288
FAX: 919-668-2485

MEDICAL LICENSURE: North Carolina License #2010-01080
Date of License: June 2010

BOARD CERTIFICATIONS:

2010 Pediatrics
2015 Pediatric Hematology / Oncology
2015 Neuro-Oncology

EDUCATION:

	<u>Institution</u>	<u>Date</u>	<u>Degree</u>
College	Duke University	2001	B.S.
Graduate	West Virginia University	2002	MPH
Professional School	Georgetown University	2007	M.D.

PROFESSIONAL EXPERIENCE AND ACADEMIC TRAINING:

<u>Institution</u>	<u>Position/Title</u>	<u>Dates</u>
Duke University Medical Center	Assistant Professor-Pediatrics Assistant Research Professor-Global Health	2016-present
Duke University- Hubert Yeargen Center for Global Health	Global Health Fellow	2014-2016
Duke University Medical Center Tisch Brain Tumor Center	Pediatric Neuro-Oncology Fellow	2013 -2014
Duke University Medical Center	Pediatric Hematology-Oncology Fellow	2010 – 2013
University of North Carolina	Pediatric Intern Pediatric Resident	2007 - 2008 2008 - 2010
WVU Neuroscience Center	Research Assistant	2001-2002
Cambodian Children's Fund	Clinical Educator	2/2009, 2/2010

ACADEMIC HONORS AND AWARDS:

Full academic scholarship, West Virginia University School of Medicine, 2001-2002
Academic Dean's List , Duke University, 1999-2001

RESEARCH: _____

2016 – present	Improve capacity for pediatric cancer research in Tanzania, P30-supplement, CA014236, PI: Dr. Michael Kastan, Project leader - Schroeder)
2015- present	Longitudinal Quality of Life for during treatment for patients with Kaposi Sarcoma at Bugando Medical Centre, AIDS Malignancy Consortium, PI: Dr Nestory Masalu.
2015-present	Molecular characterization of HIV associated DLBCL in sub-Saharan Africa, PI: Dr. Sandeep Dave
2015-present	Factors associated with treatment abandonment among pediatric oncology patients at Bugando Medical Centre, Tanzania,, PI: Dr Kristin Schroeder
2014- present	Development of diagnostic algorithm for lymphadenopathy in HIV-infected patients. Center For AIDS Research, Bugando Medical Center, Tanzania Supervisor: Dr. Nelson Chao
2015- 2016	Building and Evaluating Cancer Registry Capacity in Moshi and Mwanza, Tanzania. PI: Dr. Leah Zullig
2014- 2016	Evaluation of outcomes among pediatric oncology patients at Bugando Medical Centre, Tanzania, PI: Dr. Kristin Schroeder
2012- 2014	CNS tumor epidemiology at Mulago Hospital, Uganda. Supervisors: Dr Michael Haglund and Dr. Cory Adamson
2011-2013	Unbiased drug screens for novel therapeutic agents in Pediatric Diffuse Intrinsic Pontine Gliomas. Duke University. Supervisor: Dr Oren Becher
2011-2013	Longitudinal quality of life for children and parents of children undergoing bone marrow transplant. Duke University. Supervisor: Dr Gary Maslow
2001-2002	The Standard Model: A possible tool to reduce problem drinking at West Virginia University. Supervisor: Dr. Steve Booth-Butterfield
2000 -2001	Effect of marijuana use on short term and long term memory in adolescents. Duke University; Supervisor: Dr. Scott Swartzwelder
1998	Intra-arterial TPA treatment of acute ischemic stroke assessed by diffusion and perfusion weighted MRI, Stanford University Stroke Center, Supervisor: Dr. Maarten Lansberg

Research Support.

Developing Capacity for Burkitt Lymphoma Clinical Research in Tanzania

Goal: To standardize treatment protocols, improve patient support, and create a research database.

Principal Investigator: Michael Kastan, MD

P30-CA014236 (administrative supplement)

Role: Project Leader
9/2017-current

Clinical and pathological pattern of lymphadenopathy in HIV-infected patients in Northern Tanzania.

Goal: Evaluate predictive laboratory and clinical findings of lymphadenopathy for HIV-related malignancies.

Principal Investigator: Kristin Schroeder, MD

CFAR Small Innovative Grant

Role: Principal Investigator

12/2014- current

Building and Evaluating Cancer Registry Capacity in Moshi and Mwanza, Tanzania

Goal: Develop cancer registry at Bugando Medical Centre and evaluate quality of current cancer registry established at Kilimanjaro Christian Medical Centre.

Duke Global Cancer Program Pilot Grant

Role: Research Collaborator

1/2015-12/2015

Targeted Drug Pathways in Pediatric DIPG

Goal: Evaluate targeted drug therapies in vitro and in vivo on DIPG mouse model

Principal Investigator: Henry Friedman, MD

T32- 5T32CA074736-12

Role: Research Fellow

7/2012 – 2014

Rapid Preclinical Development of a DIPG Targeted Therapy Combination

Goal: Collaborative high-throughput drug screen with pre-clinical DIPG consortium

Principal Investigator: Charles Keller, MD

The Cure Starts Now Foundation, Reflections of Grace Foundation, Smiles for Sophie Foundation, Cancer-Free Kids Foundation, Carly's Crusade Foundation, Jeffrey Thomas

Hayden Foundation, Soar with Grace Foundation, Accelerate Brain Cancer Cures

Foundation (ABC2), The Lyla Nsouli Foundation, CureSearch for Childhood Cancer,

The Team Julian Foundation and the COG Chair's Grant (5UOCA098543)

Role: Research Fellow

7/2011-7/2012

Comparative evaluation of CNS tumors in LMIC and HIC

Goal: epidemiologic and histologic evaluation of meningiomas from Mulago Hospital, Kampala

Co-Principal Investigators: Kristin Schroeder, MD and Cory Adamson, MD PhD

Duke Global Health Travel Grant

Role: Co-Principal Investigator

6/2012 – 6/2013

PUBLICATIONS/ PRESENTATIONS

Publications

Schroeder K, Saxton A, McDade J, Chao C, Masalu N, Chao C, Wechsler DS, Likonda B, Chao N. Pediatric Cancer in Northern Tanzania: Evaluation of Diagnosis, Treatment and Outcomes. ." Journal of Global Oncology 2017

Zullig LL, **Schroeder K**, Nyindo P, Namwai T, Silayo E, Moomba A, Munishi MO, Karia F, Muiruri C, Bartlett J, Maro V, Zafar SY. "Validation and quality assessment of the Kilimanjaro Cancer Registry." *Journal of Global Oncology* 2016 Dec

Halvorson K, Barton K, **Schroeder K**, Misuraca K, Hoeman C, Chung A, Crabtree D, Cordero F, Singh R, Spasojevic I, Berlow N, Pal R, Becher OA high-throughput in vitro drug screen in a genetically engineered mouse model of Diffuse Intrinsic Pontine Glioma identifies BMS-754807 as a promising therapeutic agent. *PLoS One*. 2015 Mar 6;10(3)

Hatef J, Adamson DC, Obiga O, Taremwa B, Ssenyojo H, Muhumuza M, Haglund M, **Schroeder K**. Central Nervous System Tumor Distribution at a Tertiary Referral Center in Uganda. *World Neurosurg*. 2014 Sep-Oct;82(3-4):258-65

Schroeder, K & Becher, O. Children are not just little adults; Recent advances in our understanding of Diffuse Intrinsic Pontine Glioma biology. *Ped Res*, 2014 Jan;75(1-2):205-9.

Schroeder, K & Gururangan, S. Molecular variants and mutations in medulloblastoma. *Pharmgenomics Pers Med*, 2014 Feb 4;7:43-51

Schroeder, K & Becher, O. Pontine Gliomas. In S. Gilman (Ed) *Neurobiology of Disease*, 2nd Edition. Oxford University Press, *In Press*

White AM, Jordan JD, **Schroeder KM**, Acheson SK, Georgi BD, Sauls G, Ellington RR, Swartzwelder HS. Predictors of relapse during treatment and treatment completion among marijuana-dependent adolescents in an intensive outpatient substance abuse program. *Substance Abuse* 2004 Mar;25(1):53-9

Oral Presentation

Schroeder KM, Huang E, Pal R, Belrow N, Becher O. High Throughput *in vitro* drug screen to identify novel therapeutic targets for Diffuse Intrinsic Pontine Glioma. ISPNO conference, 6/2012

Alvi, F, Mafwimbo J, McHenry K, Masalu N, **Schroeder K**. Impact of a patient navigator on time to diagnosis among pediatric oncology patients in Tanzania. CUGH conference, 2017

Poster Presentation

Saxton A, Bhattacharya M, Masalu N, Rice HE, **Schroeder K**. Cost-effectiveness of pediatric cancer treatment in Tanzania: an economic analysis. CUGH conference, 2017

McDade J, Chao C, Makopa H, Masalu N, Likonda B, Chao N, **Schroeder K**. Pediatric oncology in the Lake Region of Tanzania: Factors associated with abandonment of care. PAS 2016

Schroeder K, Olson AC, Ackerson B, Larrier N, Masalu N, Chao N, Likonda B. Radiation needs in pediatric oncology in the Lake Region of Tanzania. CUGH 2016

Schroeder K, Chao C, Masalu N, Mafwimbo S, Mafwimbo J, Wechsler D, Chao N, Likonda B. Pediatric oncology in the Lake Region of Tanzania: Clinical diagnosis, treatment and outcomes. SIOP 2015

Schroeder K, Bhattacharya M, Vanderburg S, Musselwhite L, Bartlett J, Masalu N, Chandy M, Mauad E, Kastan M, Merson M, Chao N. Duke University Global Cancer Program: A multidisciplinary approach to partnerships in global cancer. CUGH 2015

Schroeder K, Rosenfeld A, Grant G, McLendon R, Cummings T, BEcher O, Gururangan S. Metastatic gliofibroma in an infant with BRAF: KIAA1549 gene rearrangement and response to weekly vinblastine chemotherapy. ISPNO 2014

Singh R, **Schroeder KM**, Becher O. Pre-clinical evaluation of BMS-754807, an IGF-1R inhibitor, in a genetically engineered DIPG mouse model. AACR 2013

Cordero F, Lewis P, Hoeman C, **Schroeder K**, Allis CD, Becher OJ. H3.3 K27M Accelerates PDGF- Induced Brainstem Gliomagenesis in vivo. SNO 5/2013

Schroeder, K., Obiga, O., Wakiro, I., Manhas, A., Ssenyonjo, H., Muhumuza, M., Adamson, D.C., Haglund, M., Central nervous system tumors at a neurosurgical referral center in Uganda: a retrospective review. ASAP 9/2013

MEMBERSHIPS:

American Society of Pediatric Hematology/Oncology	2010 - present
International Society of Pediatric Oncology	2016 - present
African Organisation for Research and Training in Cancer	2015 - present

TEACHING RESPONSIBILITIES INCLUDING CONTINUING EDUCATION (selection)

Pediatric Oncology CME: Neuro-Oncology	2017
Pediatric Oncology CME: Pediatric Medulloblastoma	2014, 2016
Global Cancer – NC State Course Lecturer	2013-present
Preceptor – Cancer Care Experience, Duke	2017

Preferred familiar name: Kristin
Home address: Home Phone: (703) 470-2455
2710 Wilson Ln
Raleigh, NC 27609
Kristin.Schroeder@duke.edu

REFERENCES:

Sri Gururangan FRCP (Edin.),
Director of Pediatric Neuro-Oncology
Preston A. Wells Center for Brain Tumor Therapy
McKnight Brain Institute, University of Florida
352-294-8347
gururangan@ufl.edu

Katy Peters, MD, PhD
The Preston Robert Tisch Brain Tumor Center
Duke University Medical Center
Box 3624
Durham, NC 27710
(919)-684-5301
katherine.peters@duke.edu

Daniel S. Wechsler, MD, PhD
Chief, Pediatric Hematology-Oncology
Associate Professor of Pediatrics and Pharmacology & Cancer Biology
Duke University Medical Center
Box 102382
Durham, NC 27710
(919) 684-3401
dan.wechsler@duke.edu

Oren Becher MD
Departments of Pediatrics and Pathology
Preston Robert Tisch Brain Tumor Center
Duke University Medical Center
(919) 681-0172
Oren.becher@duke.edu

Nelson Chao MD, MBA
Chief / Division of Hematologic Malignancies and Cellular Therapy/BMT
Director / Global Cancer / Duke Cancer Institute / Duke Global Health Institute
Professor of Medicine and Immunology / Research Professor of Global Health
Duke University Medical Center
919-668-1010
chao0002@mc.duke.edu