

Carlos del Rio, MD

I am currently the Hubert Professor and Chair of the Hubert Department of Global Health and Professor of Epidemiology at the Rollins School of Public Health of Emory University. I am also Professor of Medicine in the Division of Infectious Diseases at Emory University School of Medicine and Principal Investigator and Director for Clinical Sciences of the Emory Center for AIDS Research (CFAR).

I was born in Mexico and went to medical school there at Universidad La Salle. I went to Emory University for Medicine residency and infectious diseases fellowship and I was also chief resident. In 1989 I returned to Mexico where I was in private practice, I established a hospital infection control program at my hospital and was the Executive Director of the National AIDS Council of Mexico (CONASIDA, the Federal agency of the Mexican Government responsible for AIDS Policy throughout Mexico), from 1992 through 1996.

In November of 1996 I joined the ID faculty at Emory where I have been involved in patient care, medical education and research. My research is focused on the early diagnosis, access to care, compliance with antiretrovirals and the prevention of HIV infection primarily focusing on hard-to-reach populations at home and abroad.

Keith Hamilton, MD

Currently, my time is split in the following way: 50% antimicrobial stewardship, 25% clinical, and 25% medical education. For the antimicrobial stewardship role, I am the director of antimicrobial stewardship at the Hospital of the University of Pennsylvania, a 776-bed quaternary university hospital, and I coordinate antimicrobial stewardship efforts across the University of Pennsylvania Health System. In the capacity, I work closely with our multidisciplinary team of pharmacists, physicians, microbiologists, nurses, and housestaff to develop policies, guidelines, education, and innovative strategies to promote optimal antimicrobial use. In my clinical role, I see both inpatients and outpatients with a particular interest in treating patients with multidrug-resistant pathogens, especially mycobacteria. In my education role, I am the director of the internal medicine clerkship and associate director of undergraduate medical education. In order to achieve these roles, I did not get any specific degree training in epidemiology, but instead structured my second year of fellowship and research endeavors around acquiring the leadership and practical skills to be successful in an administrative career in healthcare epidemiology, specifically in antimicrobial stewardship. For me, more practical training and a hodgepodge of coursework and certificate programs (put on by SHEA and our university) was the most useful as compared to getting a public health or epidemiology degree. I was also able to get experience in practical teaching skills during fellowship and residency that put me in a position to take on more of an administrative role in education.

Vera Luther, MD

Dr. Luther is an infectious diseases physician and associate professor of medicine at the Wake Forest School of Medicine. She has had 10 years of experience in antimicrobial stewardship. She serves as the associate medical director for the Center for Antimicrobial

Utilization, Stewardship, and Epidemiology (CAUSE) and as the ID fellowship program director at Wake Forest. She has authored papers on inpatient antimicrobial stewardship programs and education as a tool for the implementation of antimicrobial stewardship. Her research interests involve antimicrobial stewardship and medical decision making. She currently serves as chair of the IDSA antimicrobial stewardship curriculum for fellows workgroup.

Brian S. Schwartz, MD

I am Associate Professor at the University of California, San Francisco in the Division of Infectious Diseases. Some of my key educational roles are the course director for the Microbiology and Immunology Block in the School of Medicine, the Program Director for the Infectious Diseases Fellowship, member of the Microbiology/Immunology Item Writing Committee for the NBME, and chair for the Medical Education Workgroup for the IDSA. My scholarly interests are in technology-enhanced education and improving microbiology and infectious diseases education for UME and GME learners.

I would recommend these 5 steps if you are trying to establish a career in medical education:

1. **Seek out teaching opportunities:** ideally ones assessed by learners
2. **Acquire knowledge/skills:** direct teaching, curriculum design, etc.
3. **Obtain mentorship:** mentor-mentee; peer-peer; community
4. **Apply for leadership positions:** ideally with salary support
5. **Identify a niche:** then create, evaluate, and disseminate

Charles M. van der Horst MD, FIDSA

Charles van der Horst is Emeritus Professor of Medicine and Infectious Diseases at the University of North Carolina. Starting in 1979 he has focused on clinical medicine, clinical research, teaching, and implementing clinical and research programs. From 1986-2000 he focused on the US domestic AIDS epidemic and from 2001-2014 he focused on the African AIDS epidemic. On June 1, 2015, he retired from UNC in order to work as an independent consultant and volunteer with NGOs. For the last half of 2015 he worked as a consultant to UNICEF Headquarters in NYC writing an ultimately successful \$45 million grant funded by UNITAID to establish demonstration projects for adolescent HIV PrEP in Brazil, South Africa, and Thailand. His past work is summarized here:

Clinical Care: He has been a practicing internist and infectious diseases specialist for 30 years attending on the in-patient service at UNC Hospitals and practicing HIV primary care in clinic. He continues to volunteer as a primary care physician in a free clinic twice weekly.

Research: Since 1982 his research and grants have focused on randomized clinical trials of medications to prevent and treat HIV and its associated infections as well as other infections including adenovirus in bone marrow transplant patients and severe influenza. He has been fortunate to be continuously funded for this type of work by the NIH and the

CDC. From 1988-2000 he led the UNC AIDS Clinical Trials Unit which soon became the largest in terms of enrolled study participants and one of the most productive. Since then he has published 158 papers about the clinical trials. Several papers have resulted in changes to management guidelines including Jamieson et al Lancet 2012, Chasela et al NEJM 2010, Sanne et al Lancet 2010, Chung et al NEJM 2004, Graybill et al Clin Inf Dis 2000, van der Horst et al NEJM 1997, Bozzette NEJM 1995, and Rex et al NEJM 1994. Most recently he led one of the largest single-site interventional randomized trials conducted in a resource constrained country, enrolling 2,369 mothers and their breastfeeding babies in Malawi with a lost to follow-up rate of 10%. He turned over the leadership of his grants to junior faculty December 2014 but continues to work with junior faculty writing NIH grants.

Implementation of Programs: From 1986-1988 he received a contract via RTI from NIAID to help set up the newly funded AIDS Treatment and Evaluation Units around the country. Returning to UNC in 1988 his group began the HIV clinic at UNC Hospitals which now serves 1600 patients and the HIV inpatient unit. In the 1990's he received Ryan White funding to implement HIV clinical programs in 4 counties around North Carolina as well as the Department of Corrections. In 2004 he helped set up the first international ACTU at Wits University. In Malawi his group established the first prevention of mother to child transmission program in 2001 which reached 18,000 pregnant women annually and by 2011 was expanded to 130 Ministry of Health clinics in Malawi reaching over 150,000 pregnant women annually and implementing ARV treatment (Option B+) for the HIV infected pregnant women at all clinics..

Teaching and Training: He taught and mentored undergraduate and graduate and professional students as well as medical residents, ID fellows, and junior faculty. Many of his undergraduate Carolina Covenant students (families below the Federal Poverty Level) are now medical students at Carolina and elsewhere and many of his former fellows are faculty at other US medical schools including Northwestern, UCSF, U Maryland, Johns Hopkins, Baylor, and UNC. He received funding for training of US postdoctoral and predoctoral students in global health research (UJMT Fogarty Global Health Fellows Program, PI) and a NIH Fogarty training grant to create a Masters of Epidemiology with a concentration in implementation science at Wits University. He continues to mentor postdocs and students.

Patty W. Wright, MD

Dr. Wright is an Associate Professor of Medicine at the Vanderbilt University School of Medicine. She graduated cum laude from medical school and completed her residency in Internal Medicine and her fellowship in Infectious Diseases, all at the University of Alabama at Birmingham. Following completion of her fellowship, she joined the faculty at the Vanderbilt University School of Medicine in Nashville, TN. She served as the Medical Director of the Infectious Diseases Clinic for a decade until she transitioned to the role of Interim Division Director. She also spent eight years as the Vanderbilt Infectious Diseases Fellowship Program Director. Dr. Wright chaired the Antibiotic Subcommittee of the Pharmacy and Therapeutics Committee during that time and led the

development of the Vanderbilt Antibiotic Stewardship Program. Following the establishment of a permanent director for the division, she was named Associate Director for the Division of Infectious Diseases and Associate Vice-Chair for Clinical Affairs for the Department of Medicine with a focus on quality initiatives. In addition, she currently serves as the Medical Director for the Medicine Patient Care Center at Vanderbilt, overseeing 40 clinics and 7 inpatient units. She also remains an active clinician with an interest in orthopedic infections, attending both in clinic and on the general ID consult service. Last, but certainly not least, she has been happily married for 23 years with two daughters, ages 11 and 13 years.

John Zurlo, MD

John Zurlo, MD is a tenured Professor of Medicine in the Division of Infectious Diseases at Penn State University Milton S. Hershey Medical Center in Hershey, PA. He received his BS in Biology and Latin at Manhattan College and his MD degree from Albany Medical Center in Albany, NY. He completed his internal medicine residency training at SUNY Health Science Center at Syracuse. He then completed a fellowship in Infectious Diseases at NIAID under Drs. Michael Frank and H. Clifford Lane focusing on HIV clinical investigation.

Dr. Zurlo began his career at Hershey Medical Center in 1990 where he took over as the Director of the HIV/AIDS program. He was tenured and promoted to full Professor in 2002. Beginning in 2000 he became the Project Director for the Hershey Medical Center Ryan White Care Act Part C program grant which has been continually funded ever since. He is widely published, mostly in the fields of clinical and epidemiological aspects of HIV infection. His most recent grant funding (HRSA Special Projects of National Significance) for which he is the PI is focused on utilizing social media as a means of improving engagement in the HIV care continuum for HIV-infected youth and young adults.

In addition to his administrative and research activities, Dr. Zurlo is an active infectious diseases clinician and attends on the infectious diseases consult service. He established a formalized OPAT program beginning in 2007 that includes the creation of a clinical database tool to follow the program's OPAT patients. He is currently serving on the IDSA Guidelines Committee and is an author of two sections of the recently published on-line OPAT eHandbook. He has been the Program Director for the Infectious Diseases Training Program since 2004 and served on the IDSA Training Program Director's Committee from 2008-10 and was Chairman of the Committee from 2009-10. He is a current member of the IDSA ID Recruitment Task Force. He has received multiple teaching awards over the years including most recently the Dept. of Medicine Education Recognition Award (2014-15) and the Dean's Award for Excellence in Teaching (2015).