

Curriculum Vitae

Name: Dannah Wilde Wray

Office Address: Medical University of South Carolina
Infectious Disease Division
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Education:

Warren Wilson College, Swannanoa, NC	1/1981-5/1985	BA/May 1985
Duke University School of Medicine, Durham, NC	8/1988-5/1993	MD/May 1993
Duke University Medical Center	9/1990-9/1991	
American Heart Association Medical Undergraduate Research Fellowship		
Duke University Medical Center	9/1991-9/1992	
Howard Hughes Medical Institute Medical Undergraduate Research Fellowship		

Internship:

Internal Medicine & Pediatrics	Duke University Medical Center	1993-1994
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Residency and Post Doctoral Training:

Residency:

Internal Medicine & Pediatrics	Duke University Medical Center	1994-1997
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Fellowship Training:

Fellow, Division of Infectious Disease & International Health	Duke University Medical Center	1997-2000
Fellow, NIAID Training Program in Inflammatory & Immunologic Diseases	Duke University Medical Center	1998-2000
Fellow, Division of Pediatric Infectious Disease	Duke University Medical Center	2000-2001

Specialty/Board Certification:

Diplomate, American Board of Internal Medicine	8/2000
Diplomate, Subspecialty Board in Infectious Disease, ABIM	10/2001
Board Eligible, American Board of Pediatrics	

Licensure:

State of South Carolina, License # 22608	6/30/2001
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Military Service:

None

Faculty Appointments:

8/2001-Present	Assistant Professor	Department of Internal Medicine, MUSC
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Site Co-PI, “A Multicenter, Randomized, Double-Blind, Placebo-controlled Trial of a Novel CCR5 Antagonist, UK-427,857, in Combination with Optimized Background Therapy Versus Optimized Background Therapy Alone for the Treatment of Antiretroviral-Experienced HIV-1 Infected Subjects”

- Industry-sponsored protocol (Pfizer)

Site Subinvestigator, “Phase IV Open Label Non-Comparative Trial of IV Anidulofungin Followed by Oral Azole Therapy for the Treatment of Candidemia and Invasive Candidiasis”

- Industry-sponsored protocol (Pfizer)

Honors:

Best Doctors in America 2005

Academic Committee Activities:

Physician Clinic Directors Committee, 8/04-present

Liver Transplant Selection Committee, 9/02-present

Organ & Tissue Transplantation Committee, 2003-present

Internal Medicine Resident Performance Evaluation Committee, 9/02-3/06

Internal Medicine Resident Selection Committee, 9/02-3/06

Graduate Medical Education Committee, 9/03-3/06

Steering Committee for Education, 9/05-3/06

Major Teaching Responsibilities (Current):

Undergraduate Medical Education:

Attending Physician, Infectious Disease Medical Student Elective

Lecturer, Medical Student Clerkship Lecture Series, “Meningitis, Endocarditis & Urinary Tract Infection”

Lecturer, MUSC School of Medicine course “Infection & Immunity”- Mycobacterial Diseases

Lecturer, MUSC School of Medicine course “Infection & Immunity”- Respiratory Viral Infections

Lecturer, MUSC Physician Assistant Training Program- “Musculoskeletal Infections”

Lecturer, MUSC Physician Assistant Training Program- “Tuberculosis”

Instructor, MUSC School of Medicine course in physical diagnosis, 2003, 2004, 2006, 2007

Graduate Medical Education:

Attending Physician, Transplant Infectious Disease Consult Service

Attending Physician, MUSC Infectious Disease Consult Service

Attending Physician, HIV Infectious Disease Consult Service

Attending Physician, Pediatric Infectious Disease Consult Service

Major Clinical Interests & Responsibilities:

Solid Organ Transplantation Infectious Diseases:

Responsible for directing infectious disease consultative services for all solid organ transplant patients at MUSC both in the inpatient and outpatient settings.

HIV Clinical Care:

Responsible for seeing HIV infected outpatients in the MUSC infectious disease clinic

General Infectious Disease:

Responsible for precepting infectious disease fellows in the MUSC infectious disease clinic

Responsible for precepting infectious disease fellows on the MUSC infectious disease consult services

Responsible for administering the MUSC infectious disease clinic as the clinic director

Pediatric Infectious Disease

Responsible for staffing pediatric infectious disease consults and evaluating children seen in the MUSC pediatric infectious disease clinic, including those with HIV infection

Lectures and Presentations (last three years):

Invited lectures and presentations:

“Solid Organ Transplant Prophylaxis”, Solid Organ Transplantation Program Conference, MUSC, 9/5/06

“BK Virus in Kidney Transplantation”, Solid Organ Transplantation Program Conference, MUSC, 4/16/04

“Fungal Infections in Solid Organ Transplantation: Where is the Perspective?” Solid Organ Transplantation Program Conference, MUSC, 12/3/03

“An Update on HIV: Therapeutics,” Internal Medicine Grand Rounds, MUSC, 1/14/04

“An Update on HIV: Therapeutics,” Department of Emergency Medicine Grand Rounds, University of North Carolina-Chapel Hill, 1/14/04

“Co-infection with HIV & HCV: Where Does One End and the Other Begin?” 2005 South Carolina HIV/STD Conference, Greenville, SC, 10/26/05

“Co-infection with HIV & HCV: Where Does One End and the Other Begin?” 2003 South Carolina HIV/STD Conference, Columbia, SC 10/17/03

“Infectious Endocarditis,” MUSC College of Pharmacy Infectious Disease Pharmacotherapy Symposium, Charleston, SC 9/12/2003

“Immunopathogenesis and Immune Response in HIV,” Dermatology Resident’s Teaching Conference, MUSC, 8/21/03

Submitted presentations/abstracts:

D Wray, K Blackmon, J Gomez, J Ciolino, J Ravenel, “Computed Tomographic (CT) Presentation of Pulmonary Nocardiosis (PN),” 46th Annual IDSA, pending

N Singh, et al, “*Cryptococcus*-associated Immune Reconstitution Syndrome (IRS) In Solid Organ Transplant (SOT) Recipients: Results from a Prospective, Multicenter Study,” abstract pending 46th Annual IDSA

D Wray, P Church, J Gomez, “Importance of TEE in Nosocomial Endocarditis,” 45th Annual Meeting of the Infectious Diseases Society of America (IDSA), San Diego, October 4-7, 2007.

J Gomez, D Wray, “Epidemiology of Infectious Endocarditis at MUSC,” 45th Annual Meeting of the Infectious Diseases Society of America (IDSA), San Diego, October 4-7, 2007.

N Singh, the rest of the solid organ cryptococcosis study group, “Interactions Between Immunosuppressants And Antifungals Against *C.neoformans* (C.n) And Their Correlation With Outcomes In Solid Organ Transplant (SOT) Patients (pts) With Cryptococcosis,” ICAAC 2007.

D Williams, J Federspeil, C Woods, F Marco, K Simmon, J Miro, V Fowler, B Hoen, E Bouza, R Utili, E Giannitsioti, C Selton-Suty, S Bradley, V Chu, B Barsic, S Ryan, D Gordon, P Jones, E Athan, T Korman, D Wray, L Reller, M Tripodi, P Plesiat, A Morris, S Lang, D Murdoch, C Petti and the International Collaboration on Endocarditis Microbiology Investigators, “Assessment of Multilocus Sequencing for the Characterization of coagulase-negative *Staphylococcus* From Endocarditis Patients,” American Society of Microbiology (submitted), January 2007.

K Simmon, L Hall, C Woods, F Marco, D Williams, J Miro, C Cabell, B Hoen, E Bouza, R Utili, E Giannitsioti, C Selton-Suty, S Bradley, S Mirrett, B Barsic, S Ryan, D Gordon, P Jones, T Korman, D Wray, L Reller, M Tripodi, P Plesiat, A Morris, S Lang, D Murdoch, C Petti and the International Collaboration on Endocarditis Microbiology Investigators, “Assessment of Multilocus Sequencing for the Characterization of *Streptococcus* sp. From Endocarditis Patients,” American Society of Microbiology (submitted), January 2007.

D Wray, J Gomez, “Epidemiology of Infectious Endocarditis at MUSC 2001-2006,” South Carolina Infectious Disease Society Annual Scientific Meeting, January 20, 2007, Columbia, SC

Haile J⁺, Wray D, “Case Presentation: Nocardia endocarditis,” 8th International Symposium on Modern Concepts in Endocarditis and Cardiovascular Infections, May 2005, Charleston, SC

DA Daley⁺, LWP Church, DW Wray, “*Mycobacterium fortuitum* group Endocarditis: Correlation of Treatment with Outcomes,” Poster #, 42nd Annual Meeting of the Infectious Disease Society of America, Boston, MA, 2004.

C Clark, D Wray, “Disseminated Cryptococcus Presenting as Abdominal Cellulitis,” Annual Meeting American College of Physicians South Carolina Chapter, 10/2004

D. Murdoch, S Chambers, F Marco, C. Woods, D Wray, E Cecchi, E Bouza, P Pappas, M Hannan, T Vinogradova, R. Corey, J Harkness, C. Garcia De La Maria, D. Benjamin, C Cabell,

“Epidemiology, Clinical Presentation and In-Hospital Outcome of Patients with Infective Endocarditis By HACEK Group Bacteria,” 8th International Symposium on Modern Concepts in Endocarditis and Cardiovascular Infections, May 2005, Charleston, SC USA.

JM Miro, N Benito, B Hoen, CH Cabell, A Chen, VG Fowler, I Anguera, J Stafford, S Lerakis, DW Verhagen, DW Wray, S Eykyn, C Fortes, B Almirante, R Montagna, E Abrutyn and the ICE working group, “Clinical Characteristics and Outcome of Infective Endocarditis in Hemodialysis Patients: Report from the ICE Investigators,” 44th Interscience Conference on Antimicrobial Agents & Chemotherapy, October 2004, Washington, DC

DJ Sexton, L Olaison, CH Cabell, A Chen, D Durack, L Clara, S Kanj, A Ramos, M Sanchez, M Stryjewski, A Wang, D Wray, C Mestres, A Street, E Abrutyn for the ICE Investigators, “The Influence of Referral on the Clinical Spectrum of Infective Endocarditis: A Prospective Study of 1014 Cases of Definite Endocarditis from the International Collaboration on Endocarditis (ICE),” 7th International Symposium on Modern Concepts in Endocarditis and Cardiovascular Infections, August, 2003, Chamonix, France

Extramural professional activities:

Board of Directors, Low Country AIDS Services, Charleston, SC, 2002-2006

Planning Committee, South Carolina HIV/STD Conference, 2002-2003

Publications (peer reviewed journals):

Dannah Wray, Lisa Steed, Chloe Singleton, Preston Church, Robert Cantey, Juanmanuel Gomez. Impact of regional comorbidity on infective endocarditis in a southeastern medical center. In review for submission.

David A. Daley, L.W. Preston Church, Dannah Wray. *Mycobacterium fortuitum* group endocarditis: Correlation of treatment with outcomes. Submitted for publication.

David Murdoch, Stephen Chambers, MSc, Arthur Morris, David Holland, Paul Pappas, Manuel Almela, Nuria Fernandez-Hidalgo, Benito Almirante MD, Danny Benjamin, Christopher H. Cabell, G Ralph Corey, Christopher W. Woods, Emilio Bouza, Davide Forno, Cristina Garcia de la Maria, Margaret Hannan, John Harkness, Selwyn Lang, Kerry Read, Nigel Raymond, Tatiana Vinogradova, Dannah Wray. Clinical Presentation and outcome of HACEK endocarditis in the ICE cohort. Submitted for publication.

Keith E. Simmon, Lori Hall, Christopher W. Woods, Francesc Marco, Jose M. Miro, Christopher Cabell, Bruno Hoen, Emilio Bouza, Riccardo Utili, Efthymia Giannitsioti, Thanh Doco-Lecompte, Suzanne Bradley, Stanley Mirrett, Arjana Tambic, Suzanne Ryan, David Gordon, Phillip. Jones, Tony Korman, Dannah Wray, L. Barth Reller, Marie-Francoise Tripodi, Patrick Plesiat, Arthur J. Morris, Selwyn Lang, David R. Murdoch, Cathy A. Petti, The International Collaboration on Endocarditis Microbiology (ICE-Micro) Investigators. Phylogenetic Analysis of Viridans Group Streptococci Causing Endocarditis. In press.

Nina Singh, Olivier Lortholary, Françoise Dromer, Barbara D. Alexander, Krishan L. Gupta, George T. John, Ramon del Busto, Goran B. Klintmalm, Jyoti Somani, G. Marshall Lyon, Kenneth Pursell, Valentina Stosor, Patricia Muñoz, Ajit P. Limaye, Andre C. Kalil, Timothy L. Pruett, Julia Garcia-Diaz, Atul Humar, Sally Houston, Andrew A. House, Dannah Wray, Susan Orloff, Lorraine A. Dowdy, Robert A. Fisher, Joseph Heitman, Marilyn M. Wagener, Shahid Husain, and the Cryptococcal Collaborative Transplant Study Group. Central nervous system cryptococcosis in solid organ transplant recipients: clinical relevance of abnormal neuroimaging findings. *Transplantation* 2008; 86(5):647-51.

Nina Singh, Barbara D. Alexander, Olivier Lortholary, Françoise Dromer, Krishan L. Gupta, George T. John, Ramon del Busto, Goran B. Klintmalm, Jyoti Somani, G. Marshall Lyon, Kenneth Pursell, Valentina Stosor¹, Patricia Muñoz, Ajit P. Limaye, Andre C. Kalil, Timothy L. Pruett, Julia Garcia-Diaz, Atul Humar, Sally Houston, Andrew A. House, Dannah Wray, Susan Orloff, Lorraine A. Dowdy, Robert A. Fisher, Joseph Heitman, Marilyn M. Wagener, Shahid Husain "Pulmonary Cryptococcosis in Solid Organ Transplant Recipients: Clinical Relevance of Serum Cryptococcal Antigen," *Clinical Infectious Disease*, 46:e12-e18, 15 Jan 2008.

Petti CA^{1,2*}, Simmon KE, Miro JM, Hoen B, Marco F, Chu V, Athan E, Bukovski S, Bouza E, Bradley S, Fowler V, Giannitsioti E, Gordon D, Reinbott P, Korman T, Lang S, Garcia de la Maria C, Raglio A, Morris A, Plesiat P, Ryan S, Doco-Lecompte T, Tripodi F, Utili R, Wray D, Federspiel JJ, Boisson K, Reller LB, Murdoch DR, Woods CW, and ICE-Micro Investigators, "Genotypic Diversity of Coagulase-Negative Staphylococci Causing Endocarditis: A Global Perspective," *Journal of Clinical Microbiology*, 46(5):1780-4, 2008 May.

Kontoyiannis D, Lewis R, Alexander B, Lortholary O, Dromer F, Gupta K, John G, del Busto R, Klintmalm G, Somani J, Lyon M, Pursell K, Stosor V, Munoz P, Limaye A, Kalil A, Pruett T, Garcia-Diaz J, Humar A, Houston S, House A, Wray D, Orloff S, Dowdy L, Fisher R, Heitman J, Albert N, Wagener M, Singh N, "Calcineurin Inhibitor Agents Interact Synergistically with Antifungal Agents In Vitro Against *Cryptococcus neoformans* Isolates: Correlation with Outcome in Solid Organ Transplant Recipients with Cryptococcosis," *Antimicrobial Agents and Chemotherapy*, 52(2):735-8, February 2008.

Nina Singh, Barbara D. Alexander, Olivier Lortholary, Françoise Dromer, Krishan L. Gupta, George T. John, Ramon del Busto, Goran B. Klintmalm, Jyoti Somani, G. Marshall Lyon, Kenneth Pursell, Valentina Stosor, Patricia Muñoz, Ajit P. Limaye, Andre C. Kalil, Timothy L. Pruett, Julia Garcia-Diaz, Atul Humar, Sally Houston, Andrew A. House, Dannah Wray, Susan Orloff, Lorraine A. Dowdy, Robert A. Fisher, Joseph Heitman, Marilyn M. Wagener, Shahid Husain and the Cryptococcal Collaborative Transplant Study Group, "*Cryptococcus neoformans* in Organ Transplant Recipients: Impact of Calcineurin-inhibitor Agents on Mortality," *Journal of Infectious Disease*, 195:756-764, 1 March, 2007.

VG Fowler, JM Miro, B Hoen, CH Cabell, E Abrutyn, E Rubinstein, GR Corey, D Spelman, SF Bradley, B Barsic, PA Pappas, KA Anstrom, DW Wray, CQ Fortes, I Anguera, E Allan, P Jones, JTM van der Meer, TSJ Elliott, DP Levine, AS Bayer for the ICE Investigators,

Staphylococcus aureus Endocarditis: A Consequence of Medical Progress,” *JAMA*. 2005;293;3012-3021.

PR Bohjanen, MD Johnson, LA Szczech, DW Wray, WP Petros, CR Miller, CB Hicks, “Steady-state Pharmacokinetics of Lamivudine in Human Immunodeficiency Virus-infected Patients with End-stage Renal Disease Receiving Chronic Dialysis,” *Antimicrobial Agents & Chemotherapy*. 46(8):2387-92, 2002 August.

Manish A. Shah, Linda Sanders, Kevin Lanclos, Anna Lisa Chamis, Jon Gockerman, Dannah Wray, G. Ralph Corey, Vance G Fowler, Jr, “*Staphylococcus Aureus* Bacteremia in Patients with Neutropenia,” *Southern Medical Journal*, 95(7):782-4, 2002 July.

Vance G Fowler, Jr, Lauren M McIntyre, Michael R Yeaman, Gail E Peterson, L Barth Reller, G Ralph Corey, Dannah Wray, Arnold S Bayer, “In Vitro Resistance to Thrombin-induced Platelet Microbicidal Protein in Isolates of *Staphylococcus aureus* from Endocarditis Patients Correlates with an Intravascular Device Source,” *Journal of Infectious Diseases*, 182:1251-4, 2000 October.

DW Wray, WM Baldwin III, FS Sanfilippo. “Different Patterns of Sensitization Following Renal Allograft Rejection in an Inbred Rat Strain Combination.” *Transplantation*, 55(5):1132-8, 1993 May.

DW Wray, WM Baldwin III, FS Sanfilippo. “IgM and IgG Alloantibody Responses to MHC Class I and II Following Rat Renal Allograft Rejection: Effects of Transplantectomy and Posttransplantation Blood Transfusion.” *Transplantation*, 53(1):167-74, 1992 January.

Revised 8/07