

**CURRICULUM VITAE**  
Charles A. Withers, II, MD

**Practice Address:** Integrative Rheumatology, PLLC  
3125 Springbank Lane, Suite E  
Charlotte, NC 28226

**E-mail:** [charles.withers@inrheum.org](mailto:charles.withers@inrheum.org)

**Site Affiliations:** DJL Clinical Research, PLLC  
10370 Park Road, Suite 200  
Charlotte, NC 28210

**Education:**

2011-2013	Duke University Division of Rheumatology Durham, NC
2008-2011	Duke University Department of Internal Medicine Durham, NC
2004-2008	Duke University School of Medicine Durham, NC
1998-2002	Swarthmore College, BA Biology Swarthmore, Pennsylvania

**Professional Experience:**

2017-Present	Integrative Rheumatology, PLLC Owner/MD
2013-2016	Carolinas Medical Center Northeast Rheumatology Staff Rheumatologist

**Publications:**

- Withers, C.A., George, R.L., and Keenan, R.T. Diagnosis and management of gout: an update. *JCOM*. 2012. 19(11):519-527.
- Withers, C. The comparative activity of broad spectrum antimicrobial agents against nosocomial isolates. *Journal of the Association for Academic Minority Physicians*. 1999. 10(4): p. 118. (abstract)
  - Presented at Johnson and Johnson Minority Trainee Research Forum, San Diego, CA – 1998 (oral and poster)

**Presentations/Lectures:**

- Duke University Department of Medicine Grand Rounds: It Only Took 50 Years: Benlysta and the Outpatient Management of Lupus. Presented with Megan Clowse, MD, MPH. August 2012.
- North Carolina Rheumatology Association, 2012 Annual Meeting: Fellow's Presentation. *Levamisole Vasculitis in Cocaine Abusers*. April 2012
- Lupus Foundation of America: *Removing the Mask – Understanding Lupus*. February 2012

### Awards/Honors:

- Leonard Tow 2008 Humanism in Medicine Award: presented annually to the graduating medical student and faculty member who best demonstrate the Foundation's ideals of outstanding compassion in the delivery of care, respect for patients, their families, and healthcare colleagues, as well as demonstrated clinical excellence.
- Aspen Health Forum, fellow: 2007
- Duke University School of Medicine Dean's Tuition Scholarship: 2004 – 2008
- Swarthmore College Black Cultural Center Award: for leadership – 2002
- Philadelphia Award: MVP, Men's Varsity Soccer, Swarthmore College – 2001 and 2002 seasons
- Acres of Diamonds Award: winner of the Johnson & Johnson National Abstract Competition – 1999
- Award of Distinction: oral presentation and poster session, Johnson and Johnson Minority Trainee Research Forum, San Diego, CA – 1998

### Research Experience:

**University of Texas Medical Branch, Galveston Texas, Dept. Infectious Disease** – Research Intern: investigated the motility of pathogens responsible for urinary tract infections – summer 1996

**Temple University School of Medicine, Dept. Infectious Disease** – Research Intern: characterized the comparable activity of broad spectrum antimicrobial agents against nosocomial isolates – summers of 1997 and 1998

**Hospital for Sick Children, Toronto Ontario** – Research Intern: developed assays for the isolation and analysis of various intermembrane proteins and cytoskeletal components – summer 1999

**Swarthmore College** – Research Internship: investigated the effect of daily ethanol consumption on the preference of Siberian Hamsters for diets enriched with saturated versus unsaturated fatty acids – summer 2001


**National Institutes of Health** – Research Intern: investigated the role of dendritic cells in HIV infection and characterized the reconstitution of the immune system following sub-lethal irradiation in rhesus monkeys – summer 2002

**Thomas Jefferson University, Department of Family Medicine** – Research Assistant: development, organization, and management of clinical studies investigating: the effect of salmeterol and leukotriene modifiers versus salmeterol and inhaled corticosteroids on pulmonary function; how smoking modulates the outcomes of glucocorticoid therapy; pirfenidone as a novel treatment for diabetic nephropathy; rosuvastatin's ability to modify arterial intima media thickness; and the relationship between capillaroscopy findings and disease status in hypertensive and diabetic patients. – September 2002 – July 2004

**Duke University Medical Center, Dept of Radiation Oncology:** the effect of involuntary exercise on 4T1 tumor progression and metastasis rates in BALB/C mice using *in vivo* bioluminescent imaging and histology to compare outcomes – September 2006 through September 2007

**Duke University Medical Center, Division of Rheumatology:** the effect of exercise on lupus disease activity – October 2012 through June 2013

My signature verifies the information in these curriculum vitae is accurate and updated appropriately.

  
Signature

07/07/17  
Date

