

CURRICULUM VITAE

March 21, 2017

Bridgette L. Jones, M.D.

Address: Children's Mercy Hospitals and Clinics
2401 Gillham Road
Kansas City, MO 64108

EDUCATION

Louisiana Tech University 1994 to 1998
Ruston, Louisiana
B.S., Animal Biology, Cum Laude

University of Arkansas College of Medicine 1998 to 2002
Little Rock, Arkansas
Doctor of Medicine May 2002

POST-GRADUATE TRAINING

Internship, General Pediatrics 7/2002 to 6/2003
Arkansas Children's Hospital
Little Rock, Arkansas

Residency, General Pediatrics 7/2003 to 6/2005
Arkansas Children's Hospital
Little Rock, Arkansas

Fellowship (Allergy/Immunology) 7/2005 to 6/2007
Children's Mercy Hospitals and Clinics
Kansas City, Missouri

Fellowship (Pediatric Clinical Pharmacology) 8/2007 to 7/2009
Children's Mercy Hospitals and Clinics
Kansas City, Missouri

Masters Clinical Research
University of Kansas School of Medicine 8/2010 to 12/2014
Kansas City, Kansas

OTHER EDUCATION/TRAINING

Food and Drug Administration 2 week mini-sabbatical April 2010

University of Kansas School of Medicine K30 Program 2009 to 2014

CERTIFICATION

National Board Exam Part I, II, III 1999, 2001, 2004

American Board of Pediatrics 2005, recertified 2015

American Board of Allergy Immunology 2007

LICENSES

Medical License, Missouri 2006014605

Medical License, Kansas 04-32583

HONORS AND AWARDS

Outstanding Student Scholarship 1994-1998

Tenenbaum Scholarship 1999-2001

Dr. Robert Nunnally Scholarship 2000

American Medical and Dental and
Pharmaceutical Association Scholarship 2001

Katherine B. Richardson
Research Award, 2007

American Society for Clinical Pharmacology
and Therapeutics Presidential Trainee Award 2008

David J. Goldstein Trainee Award,
American Society for Clinical Pharmacology
and Therapeutics 2008

Research Days Award, Children's Mercy
Hospital, first place 2008

New Member Award,
American Society of Clinical Pharmacology
and Therapeutics 2008

Clinical Scholar Award,
Marion Merrell Dow 2008

Member of the Month,
American Society of clinical Pharmacology
and Therapeutics 2011

Dedicated Member Award,
American Society of Clinical Pharmacology
and Therapeutics 2012

Elected as Fellow in the
American Academy of Allergy
Asthma Immunology 2012

Elected as Fellow in the American Academy of Pediatrics	2012
Golden Apple, Mercy Mentor Awards	2013 and 2016
Kansas City Super Doctors	2016

APPOINTMENTS

Academic

2002–2003	Pediatric Intern, Arkansas Children’s Hospital, Little Rock, AR
2003–2005	Pediatric Resident, Arkansas Children’s Hospital, Little Rock, AR
2005–2007	Fellow, Clinical Instructor, Allergy/Asthma/Immunology, CMH, Kansas City, MO
2007–2009	Assistant Professor of Pediatrics, Division of Allergy/Asthma/Immunology and Post-Doctoral Fellow in Division of Allergy/Asthma/Immunology and Pediatric Clinical Pharmacology, Toxicology, and Therapeutic Innovation, CMH, Kansas City, MO, University of Missouri-Kansas City
2007–2014	Assistant Professor of Pediatrics, Divisions of Allergy/Asthma/Immunology and Pediatric Clinical Pharmacology, Toxicology, and Therapeutic Innovation, CMH, Kansas City, MO, University of Missouri-Kansas City
2014-present	Associate Professor of Pediatrics, Divisions of Allergy/Asthma/Immunology and Pediatric Clinical Pharmacology, Toxicology, and Therapeutic Innovation, Children’s Mercy Hospitals and Clinics (CMH), Kansas City, MO, University of Missouri-Kansas City

Other Positions held

Clinical lead for the Individualized Pediatric Therapeutics Clinic	<u>2010-2013</u>
Pediatric Clinical Pharmacology Fellowship Program, Associated Program Director	<u>2015-present</u>

RESEARCH AWARDS AND GRANTS

Current

Marion Merrell Dow Clinical Scholar Award Jones (PI) <i>Characterization of the Asthma Stress Exposure Phenotype</i> \$84,396	6/1/2016-5/30/18
1T32HD069038 NICHD Children’s Mercy Postdoctoral Fellowship in Pediatric Clinical Pharmacology Research Role: Associate Program Director \$833,496	LEEDER (PI) 05/06/16-04/30/21
1K23HL105783/NIH/NHLBI	Jones (PI) 05/01/11-04/30/17

American Academy of Allergy Asthma Immunology

- Committee for the Underserved, 2008-present
- Asthma, Cough, Diagnosis and Treatment Committee, 2010-present
- Vice Chair, Asthma, Cough, Diagnosis Treatment Committee, 2016-present

American Society of Clinical Pharmacology & Therapeutics

Education Committee, 2009-2013

- Chair, Education Committee Education Committee Chair, 2012-2014
- Annual Meeting Workshop Co-Chair- “Developing a Successfully Career in the field(s) of Clinical Pharmacology”, 2010
- Annual Meeting Workshop Co-Chair- “Successful Careers in the field(s) of Clinical Pharmacology”, 2011
- Fellow-in-training mentor program, 2008-2012
- Social Media Task Force, 2012-2016

American College of Asthma, Allergy, and Immunology

Therapeutic Regulations Committee, 2015-present

American Society of Clinical Pharmacology

- Education Committee, 2009-2013
- Education Committee Chair, 2012-2013
- Social Media Task Force, 2012-present
- Mentor in Mentoring program 2015, 2016

American Academy of Pediatrics

Committee on Drugs, 2014-present
Chair, Committee on Drugs, will begin June 2017

Missouri Chapter AAP

Communications Committee, 2016-present

Member, Greater Kansas City Allergy Society, 2007-present

Food and Drug Administration (FDA) Pediatric Advisory Committee, 2015-present

Special Emphasis Panel for the FDA Pulmonary-Allergy Drugs Advisory Committee, 2015

Asthma and Allergy Foundation of America

Medical/Scientific Council, 2015-present

Operation Breakthrough 2-Gen Thrive Community Action Board, 2016-present

University of Missouri-Kansas City School of Medicine Residency Interview Committee, 2016-2017

ACADEMIC ORAL PRESENTATIONS

2002 Southern Society for Pediatric Research “Chronic Granulomatous Disease, Muscular Dystrophy, and Glycerol Kinase Deficiency in a family cohort with an X-linked gene deletion”

2008 American Society of Clinical Pharmacology and Therapeutics “Validation of the 13C acetate breath test to measure liquid gastric emptying in a pediatric population”

2008 National Institutes of Health, Pediatric Pharmacology Research Unit meeting “Fostering Adherence in Adolescents with Asthma” (invited)

- 2008 Fostering Adherence in Adolescents with Asthma, NIH Pediatric Pharmacology Research Unit meeting
- 2010 Food and Drug Administration Office of Clinical Pharmacology; *Histamine: new thoughts about a familiar mediator*
- 2011 American Academy of Allergy Asthma Immunology “Buccal Mucosal Sampling is a Reliable Method to Determine Differences in Gene Expression Patterns between Subjects with Asthma Compared to Healthy Controls”
- 2011 American Academy of Allergy Asthma Immunology “Genetic Variation in the Promoter Region of the Tumor-Necrosis Factor Alpha (TNF- α) Gene is Associated with Asthma” (mentor)
- 2011 Pediatric Pharmacogenomics and Personalized Medicine Conference, CMH; *Experiences of the Individualized Pediatric Clinic*
- 2013 American Academy of Allergy, Asthma, & Immunology Annual Meeting; *Genetic Variation of the Histamine Pathway in Subjects with Asthma*
- 2014 Academy of Allergy, Asthma, & Immunology Annual Meeting; *Genetic Variation along the Histamine Pathway in Children with Allergic vs. Non-allergic Asthma*
- 2014 Children’s Mercy Hospital Pediatric Personalized Medicine Conference; *Introducing Genetic Research to Underserved Communities*
- 2015 Visiting Professor Research Conference; *Embarking on Precision Medicine in Pediatric Asthma*
- 2015 American Society of Clinical Pharmacology and Therapeutics; *Maybe we just need to ask: Knowledge and beliefs about clinical research among African American community members*
- 2015 Society of Behavioral Medicine Annual Meeting; *Uncovering the Truth about African American Perceptions of Asthma*
- 2015 American Society for Clinical Pharmacology and Therapeutics Annual Meeting; *Maybe we just need to ask: Knowledge and beliefs about clinical and genetic research among African American Community Members*
- 2015 University of Michigan, Department of Allergy/Asthma/Immunology; *Embarking on Precision Medicine in Pediatric Asthma*
- 2015 Arkansas Children’s Hospital Research Institute, Visiting Professor Research conference; *Embarking on Precision Medicine in Pediatric Asthma*
- 2015 European Society for Developmental Perinatal and Pediatric Pharmacology, Belgrade Serbia; *Biomarkers in Asthma and Allergic Disease*
- 2016 National Medical Association, Region V annual meeting; *What is (Pediatric) Clinical Pharmacology and Why is It Important*
- 2016 LeBonheur Children’s Hospital; *Embarking on Precision Medicine in Pediatric Asthma*

RESEARCH MENTORSHIP:

Dates	name	Fellow/Resident	Academic Product
2009-2011	Belinda Graham	Allergy Fellow	*Received Fellow In Training Asthma Diagnosis and Therapeutics Interest Section Award for top abstract on asthma presented by a fellow at AAAAI /presented oral presentation of abstract *manuscript published in peer reviewed journal as co-author
2011-2013	Nikita Rajc	Allergy Fellow	*presented abstract in poster presentation at AAAAI *manuscript published in peer reviewed journal as first author
2012-2014	Sara Anvari	Allergy Fellow	*presented abstract in oral presentation at AAAAI *manuscript published in peer reviewed journal as first author
2012	Kate Robben	Medical Student/ Resident	*presented abstract at ACAA
2013-2016	Benjamin Black	Behavioral and Development and Pediatric Clinical Pharmacology Fellow	*published review manuscript in peer reviewed journal in area of research interest as co-author *received CMH Fellows grant award *received NIH Loan Repayment Grant Award
2011-2013	Tara Federly	Allergy Fellow	*presented abstract as oral presentation at AAAAI *manuscript published in peer reviewed journal as first author
2013-2016	Jaszianne Tolbert	Hematology Oncology and Pediatric Clinical Pharmacology	*several oral presentations at academic meetings *2 manuscripts in area of research interest *received CMH Fellows grant award *received NIH Loan Repayment Grant Award

CIVIC AND COMMUNITY ACTIVITIES:

2014 Black Expo, event volunteer, asthma education
2013 & 2014 Back to School Blast, event volunteer, asthma education
2013 Benjamin Banneker Charter Academy of Technology Career Fair Day
2013 Zion Grove Baptist Church Mother/Daughter Brunch, keynote speaker
2008-2010 Youth Friends, volunteer
2007-2009 Asthma and Allergy Foundation of America, volunteer
2015 Asthma Education, Kansas City Black Healthcare Coalition
2015-present Operation Breakthrough, Community Action Board

CONSULTANT OR SERVICE AS A PROFESSIONAL EXPERT

2010 Safety Reviewer, Johnson & Johnson Pharmaceutical Research & Development, LLC. /Peninsula Pharmaceuticals, Inc.

2016 Data and Safety Monitoring Board, Orbis Relative Bioavailability Study

SERVICE TO PROFESSIONAL PUBLICATIONS

2008 Ad hoc reviewer, *Clinical Pharmacology and Therapeutics*
2009-present Associate Reviewer, *Annals of Allergy Asthma Immunology*
2009-present Ad hoc reviewer, *Journal of Clinical Pharmacology*
2009&2011 Ad hoc reviewer, *International Archives of Allergy Immunology*
2010-present Ad hoc reviewer, *Clinical Molecular Allergy*
2011 Ad hoc reviewer, *Journal of Clinical Outcomes Management*
2012 Ad hoc reviewer, *Pharmacogenetics and Genomics*
2012 Ad hoc reviewer, *International Journal of chronic Obstructive Pulmonary Disease*

2013 Ad hoc reviewer, *Clinical Pharmacokinetics*
2013-present Ad hoc reviewer, *Journal of Asthma*

PUBLICATIONS

- B. Jones, C. Barnes, J. Portnoy, F. Hu. Diurnal Variation of Airborne Ragweed Pollen in a Metropolitan Area-An 8 Year Perspective. *Journal of Allergy and Clinical Immunology* 2006; 117 (2):S29
- K. Neville, B. Jones, S. Abdel-Rahman, G. Kearns. Iontophoresis with laser Doppler flowimetry as a pharmacodynamics tool for histamine response. *Clin Pharmacol Ther* 2007 (Suppl.); 81:S93).
- B. Jones, C. Barnes, F. Pacheco, L. Johnson. L. Gard, E. Forrest, J. Portnoy. Decreased Dust Antigen Levels Resulting from Specific Cleaning Practices. *Journal of Allergy and Clinical Immunology* 2007; 119 (1):S190.
- B. Jones, P. Dowling, C. Dinakar. Physical Urticarias Diagnosed as Exercise Induced Anaphylaxis in an Accomplished Athlete. *Annals of Allergy, Asthma & Immunology*. 2007; (Suppl); 98 (1):A46.
- B. Jones, R. Pearce, S. Abdel-Rahman, C. Friesen, L. James, G. Kearns. Validation of the ¹³C acetate breath test to measure liquid gastric emptying in a pediatric population. *Clin Pharmacol Ther* 2008 (Suppl.); 83:S1.
- B. Jones, K. Kelly. The Adolescent with Asthma: Fostering Adherence to Optimize Therapy. *Clin Pharmacol Ther* 2008; 84(6):746-53.
- B. Jones, S. Abdel-Rahman, S. Simon, G. Kearns, K. Neville. Assessment of Histamine Pharmacodynamics by Microvasculature Response of Histamine using Histamine Iontophoresis Laser Doppler Flowimetry. *The Journal of Clinical Pharmacology* 2009; 49(5): 600-05.
- D. Arnold, B. Jones. Personalized Medicine: A Pediatric Perspective. *Current Allergy and Asthma Reports* 2009; 9: 426-432.
- B. Jones, R. Pearce, S. Abdel-Rahman, C. Friesen, L. James, G. Kearns (2009). Characterization of delayed gastric emptying in children by the ¹³C-acetate breath test. *Journal of Breath Research*, 3(4), 1-6.
- B. Jones, G. Kearns. Histamine: New Thoughts about a Familiar Mediator.
- B. Jones. The Impact of Pharmacogenetics in the Treatment of Allergic Disease and Asthma. *Missouri Medicine*2011. in press
- J. Goldman, M. Becker, B. Jones, M. Clements, J. Leeder (2011). Development of Biomarkers to Optimize Pediatric Patient Management: What Makes Children Different? *Bio in Med*, 5(6), 781-794.
- A. Myers, A. Gaedigk, H. Dai, L. James, B. Jones, K. Neville (2012). Defining Risk Factors for Red Man Syndrome in Children and Adults. *Ped Infect Dis Journ*, 31(5), 464-468.
- B. Jones, B. Graham, A. Riffel, H. Dai, L. Rosenwasser, C. Vyhlidal (2013). Genetic Variation in the Promoter Region of the Tumor-Necrosis Factor Alpha (TNF- α) Gene is Associated with Asthma. *J Asth*. 50(6):541-7.
- T. Federley, B. Jones, H. Dai, C. Dinakar (2013). Interpretation of Food Specific Immunoglobulin E Levels in the Context of Total IgE. *Ann Allergy Asthma Immunol*. 111(1):20-4

- H. Dai, R. Charnigo, C. Vyhlidal, B. Jones, M. Bhandary (2013). Mixed Modeling and Sample Size Calculations for Identifying Housekeeping Genes. *Stat Med.* 32(18):3115-25.
- B. Jones, G. Kearns, K. Neville, C. Sherwin, M. Spigarelli, J. Leeder (2013). Variability of Histamine Pharmacodynamic Response in Children with Allergic Rhinitis. *Journ Clin Pharm.* 53(7):731-7.
- C. Vyhlidal, A. Riffel, H. Dai, L. Rosenwasser, B. Jones (2013). Detecting Gene Expression in Buccal Mucosa in Subjects with Asthma Vs. Subjects Without Asthma. *Pediatr Allerg Immunol.* 24(2):138-43.
- H. Dai, R. Charnigo, C. Vyhlidal, B. Jones, M. Bhandary (2013). Mixed Modeling and Sample Size Calculations for Identifying Housekeeping Genes. *Stat Med.* 32(18):3115-25.
- T. Federley, B. Jones, H. Dai, C. Dinakar (2013). Interpretation of Food Specific Immunoglobulin E Levels in the Context of Total IgE. *Ann Allergy Asthma Immunol.* 111(1):20-4.
- N. Raje, C. Vyhlidal, D. Hongying, B. Jones (2015). Genetic Variation Within the Histamine Pathway Among Patients with Asthma-a Pilot Study. *J Asthma.* 52(4):353-62.
- S. Anvari, C. Vyhlidal, H. Dai, B. Jones (2015). Genetic Variation Along the Histamine Pathway in Children with Allergic vs Non-Allergic Asthma. *Am J Respir Cell Mol Biol.* 53(6):802-9.
- B. Black, S. Soden, G. Kearns, B. Jones (2016). Clinical and Pharmacologic Considerations for Guanfacine Use in Very Young Children. *J Child Adolesc Psychopharmacol.* 26(6):498-504. DOI: 10.1089/cap.2014.0159.
- B. Jones, L. Rosenwasser (2016). Linkage and Genetic Association in Severe Asthma. *Immunol Allergy Clin North Am.* 36(3):439-47. DOI: 10.1016/j.iac.2016.03.002.
- X. Liu, B. Jones, J. Roberts, C. Sherwin, (2016). Population Pharmacokinetic/Pharmacodynamic Modeling of Histamine Response Measured by Histamine Iontophoresis Laser Doppler. *J Pharmacokinet Pharmacodyn.* 1-9. DOI: 10.1007/s10928-016-9478-9.
- B. Jones, C. Vyhlidal, A. Bradley-Ewing, A. Sherman, K. Goggin (2016). If We Would Only Ask: How Henrietta Lacks Continues to Teach Us About Perceptions of Research and Genetic Research Among African Americans Today. *J Racial and Ethnic Health Disparities.* DOI: 10.1007/s40615-016-0277-1. In Press
- B. Jones, C. Sherwin, X.Liu, H. Dai, C. Vyhlidal (2016). Genetic Variation in the Histamine Production, Response, and Degradation Pathway Is Associated with Histamine Pharmacodynamic Response in Children with Asthma. *Front Pharmacol.* 7:524. DOI: 10.3389/fphar.2016.00524

Book Chapters

- J. Lowry, B. Jones, T. Sandritter, S. Liewer, G. Kearns. Chapter 57: Principles of Drug Therapy. *In: Nelson Textbook of Pediatrics, 19th Edition*, Kliegman, Behrman, Jenson and Stanton (Eds), 2011.
- B. Jones, J. Van Den Anker, G. Kearns. Chapter 25: Pediatric Clinical Pharmacology and Therapeutics. *In: Principles of Clinical Pharmacology, 3rd Edition*, Atkinson, Huang, Lertora, Markey (Eds), 2012.
- A. Munar. C. Frazee, B. Jones, U. Garg. Chapter 13: Cetirizine Quantification by High-Performance Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS). *Clinical Applications of Mass Spectrometry in Drug Analysis In: Methods in Molecular Biology, Vol 1383*, Garg (Ed), 2015.

J. Lowry, B. Jones, T. Sandritter, G. Kearns. Chapter 60: Principles of Drug Therapy. In: *Nelson Textbook of Pediatrics, 20th Edition*, Kliegman, Behrman, Geme and Schor (Eds), 2016.