

LAMONT BOOKER

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EDUCATION

Virginia Commonwealth University, Richmond, Virginia
PhD in Pharmacology & Toxicology, May 2011
Dissertation Title: Targeting the endocannabinoid system to reduce nociception

North Carolina State University, Raleigh, North Carolina
Masters of Toxicology, May 2005

Fayetteville State University, Fayetteville, North Carolina
B.S in Biology, minor in Chemistry (Cum Laude) May 2003

SUMMARY OF QUALIFICATIONS

Communication Skills: Ability to utilize interpersonal skills in relating well with others. Highly persuasive, resulting in positive outcomes. Demonstrate the ability to build and maintain effective business relationships.

Organizational/Analytical Skills: Coordinate multifaceted activities within an unsupervised environment. Plan and organize activities.

Problem-Solving Skills: Routinely mediate problems. Effectively handle difficult situations, ability to negotiate, as well as develop and implement solutions.

Leadership Skills: Self-motivated team player that is well organized, dependable, attentive to detail, yet flexible and adaptable, with demonstrated good judgment and ability to lead and handle multiple priorities and tasks simultaneously.

Technical Skills: *in vivo* and molecular pharmacology, LC/MS/MS, GC/MS, cell culturing, drug extrapolation, statistical analysis, microsoft office (excel spreadsheet, powerpoint, word)

AWARDS/HONORS

2010	Ruth L. Kirschstein National Research Service Award for Predoctoral Fellowship (F31) to Promote Diversity in Health Related Research
2009, 2010	Travel Award, International Cannabinoid Research Society
2008	Travel Award, Carolina Cannabinoid Collaborative
2007-2008	Graduate Student Mentorship Award
2007-2009	National Institute on Drug Abuse (NIDA) Research Training Fellowship (T32). Principle Investigator: William L. Dewey
2001	NC-LSAMP Scholarship Recipient
2000	Thurgood Marshall Scholarship Recipient
1999-2003	Chancellor's Full Academic Scholarship Recipient
1999	Army ROTC Full Scholarship
1999	Dr. Fred Harris Scholarship

PUBLICATIONS

Lamont Booker, Kinsey SG, Abdullah RA, Long JZ, Blankman JL, Cravatt BF, Lichtman AH (2011). Inhibiting Fatty Acid Amide Hydrolase in the Nervous System Reverses Lipopolysaccharide-induced Inflammatory pain. *Br J Pharmacol (in press: PMID 21506952)*

Schlosburg JE, Blankman JL, Long JZ, Nomura DK, Pan B, Kinsey SG, Nguyen PT, Ramesh D, **Booker L**, Burston JJ, Thomas EA, Selley DE, Sim-Selley LJ, Liu Q, Lichtman AH, Cravatt BF (2010). Chronic monoacylglycerol lipase blockade causes functional antagonism of the endocannabinoid system. *Nat Neurosci. 13(9):1113-9.*

Long JZ, Nomura DK, Vann RE, Walentiny DM, **Booker L**, Jin X, Burston JJ, Sim-Selley LJ, Lichtman AH, Wiley JL, Cravatt BF (2009). Dual Blockade of FAAH and MAGL identifies behavioral processes regulated by endocannabinoid crosstalk in vivo. *Proc Natl Acad Sci. 106(48):20270-5.*

Lamont Booker, Naidu PS, Razdan RK, Mahadevan A, Lichtman AH (2009). Evaluation of prevalent phytocannabinoids in the acetic acid model of visceral nociception. *Drug Alcohol Depend. 105(1-2): 42-7.*

Naidu, P.S., **Booker L**, Cravatt, B.F., Lichtman, A.H (2009). Synergy between enzyme inhibitors of fatty acid amide hydrolase and cyclooxygenase in visceral nociception. *J PharmacolExp Ther. 329(1):48-56.*

Long, J.Z., Li, W, **Booker, L**, Burston, J.J., Kinsey, S.G., Schlosburg, J.E., Pavon, F.J., Serrano, A.M., Selley, D.E., Parsons, L.H., Lichtman, A.H., & Cravatt, B.F. (2009). Selective pharmacological blockade of 2-arachidonoyl glycerol hydrolysis produces profound cannabinoid behavioral effects in vivo. *Nat Chem Biol.5(1):37-44.*

PRESENTATIONS

Scientific Conferences

Poster Presentation. Neuronal FAAH Inhibition via PF-3845 Reverses LPS-Induced Tactile Allodynia. **Booker L.**, Kinsey SG., Abdullah R., Long JZ., Boger D., Cravatt BF., Lichtman AH. International Cannabinoid Research Symposium 2010, Lund Sweden.

Poster Presentation. FAAH Inhibition Modulates Inflammatory Pain in a Lipopolysaccharide-Induced Model. **Booker L.**, Kinsey SG., Ahn K., Cravatt BF., Lichtman AH. International Cannabinoid Research Symposium 2009, St. Charles, IL.

Poster Presentation. Assessment of Phytocannabinoids in the acetic acid induced abdominal stretching model. **Booker L.**, Naidu PS., Lichtman AH. Carolina Cannabinoid Collaboration Conference 2008, Williamsburg, VA.

Poster Presentation. Activating the Endogenous Cannabinoid System Reduces Visceral Nociception. **Booker L.**, Naidu PS., Boger D., Cravatt BF., Lichtman AH. Annual Biomedical Research Conference for Minority Students (ABRCMS) 2008, Orlando, FL.

Oral Presentation. Exploring Home Remedies to Treat the Common Cold-Antibiotic Resistance. **Booker L.**, Richardson S., Raynor JE. National Association for Equal Opportunity in Higher Education (NAFEO) 2002, Washington D.C. (Third Place Winner)

Lectures/Invited Presentations

Guest Lecturer. “Spice, K2, Buzz and Marijuana”. WVCW Radio Station 2011, Richmond, VA.

Guest Lecturer. “Linking the Past to the Future for our Students”. Fayetteville State University Science Colloquium 2010, Fayetteville, NC.

Guest Lecturer. “Marijuana Research Talk”. WVCW Radio Station 2010, Richmond, VA.

Guest Lecturer. Antidepressants and Mood Stabilizers. Course: General Pharmacology and Toxicology 400 Level. Virginia Commonwealth University, Richmond, VA, 2010.

Guest Lecturer. Delta-9 THC and other Phytocannabinoids Reduce Visceral Pain; and Personal Testimony from Undergraduate to Graduate School 2009. Fayetteville State University, Fayetteville, NC.

WORK HISTORY

2005-2006

Technologist, Laboratory Corporation of America, Raleigh, North Carolina

Full time (40+hrs/wk); 29k/year; Duties: Serve as a Technologist in the esoteric specialty unit, with the responsibility of performing a full range of routine and specialized toxicological procedures in the identification of parent compounds as well as their metabolites; perform validation and method development experiments; evaluating abnormal results, and provide the supervisor with quantitative data; perform daily calibration and maintenance on laboratory equipment to maintain the best quality results; set up and monitor quality controls as comparable measures; evaluate request from employers and physicians in selecting the appropriate procedure to ensure valid results are obtained to maximize patient/client care. Process specimens using equipment, instruments, and techniques that are necessary to prepare them for specific analysis; maintain the different types of environmental conditions and time limitations that are necessary to prevent specimen degradation; use manuals and automated procedures; lift and move heavy laboratory equipment; perform intricate collections and analysis procedures; work with infectious substances and irritant reagents; wear protective clothing, and take special safety precautions such as adopting sterile techniques and good laboratory practice; prepare reagents, assemble equipment, verify correct instrument operation; perform, and calculate results for variety of complex tests; evaluate the validity of data in relation to the test system and assay procedures; maintain review and perform quality control procedures.

2003 – 2005

Teaching Assistant, North Carolina State University, Raleigh, North Carolina

Direct and manage over 70 students weekly as a laboratory instructor and mentor. Oversaw lab exercises for General Biology courses, and ensured that students conduct good laboratory practices. Formulate, and distribute quizzes, as well as grade all assignments/exams.

2000 - 2003

Resident Assistant, Fayetteville State University Fayetteville, North Carolina

Monitor residence hall to ensure student safety; coordinate and conduct weekly hall checks; facilitate educational programs each month; ensure a smooth transition to campus life; resolve conflicts leading to satisfactory solutions; responsible for overall daily activities of residence hall.

SERVICE AND MENTORSHIP ACTIVITIES

Volunteer, High School Tutor/Mentor, Armstrong High School 2007-present
Volunteer, VCU Watts Research Symposium 2008-2009
Coordinator: Introduction to Laboratory Techniques and Animal Handling Lecture, 2008
Student Government Representative VCU 2008-2009
Graduate Student Mentorship Program, VCU 2007-2008 (GSMP)
Pharmacology/Toxicology Student Body, Treasurer 2007
Inspirational speaker (Replanting the Seed Ministry)
St. Paul's Baptist Church Youth College Coordinator (Remote Care Team Leader) 2008-present
Alpha Phi Alpha Fraternity Inc, Recording Secretary 2009-2010, Membership Intake
Coordinator 2010-2011

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

2010-present American Society for Pharmacology and Experimental Therapeutics
2008-2010 Society for Neuroscience
2007-present International Cannabinoid Research Society
2006-present Carolina Cannabinoid Research Society
2005-present Alpha Phi Alpha Fraternity Incorporated

REFERENCES

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