

## **Susan A. Jones, M.D., Ph.D.**

Department of Community Medicine  
UMass Chan Medical School  
55 Lake Avenue North  
Worcester, MA 01655  
Phone: (508) 856-1301  
susan.jones@umassmed.edu

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### **Education**

M.D., University of Massachusetts Medical School, Worcester, MA 6/2005

Ph.D. (Neuroscience), Graduate School of Biomedical Sciences,  
University of Massachusetts Medical School, Worcester, MA 6/2003

Thesis: "The function of dopamine in regulating cerebral blood flow" Advisor: Dudley Cook, PhD

B.S., Psychology (magna cum laude), Allegheny University, Pittsburgh, PA 5/1998

### **Postdoctoral Training**

Postdoctoral Scholar, Department of Biochemistry, University of Pittsburgh School of  
Medicine, Pittsburgh, PA. Supervisor: Lucinda Earle, PhD 7/2009–6/2012

Residency in Family Medicine, Lancaster General Hospital, Lancaster, MA 7/2005–6/2008

### **Academic Appointments**

Assistant Professor, Departments of Community Medicine and Genetics,  
UMass Chan Medical School, Worcester, MA 7/2012–present

### **Other Positions and Employment**

Staff Physician, Franklin Health Clinic, Lancaster, MA 7/2008–6/2009

### **Major Leadership Positions**

Assistant Dean for Outreach Services, UMass Chan Medical School, Worcester, MA 2016–present

### **Honors and Awards**

Alpha Omega Alpha Inductee, Massachusetts Eta Chapter University of 2005

Outstanding Dissertation Award, Graduate School of Biomedical Sciences University  
of Massachusetts Medical School, Worcester, MA Massachusetts School of  
Medicine. 2003

Fellow, American College of Physicians (FACP) 2016

### **Educational Activities**

#### **Educational Leadership, Administration and Service**

Site Director (Cocoa Avenue Health Center), Family Medicine Clerkship 2014–present

Member, Curriculum Committee, Pharmacology Graduate Program 2014–present

## Teaching Activities in Programs and Courses

Medical Pharmacology (MED 703), lectures on Antidepressants, Biogenic Amines (2 hrs/yr), 125 medical students 2013–present

Pharmacology & Therapeutics (PHARM 535), Dopamine Pharmacology (5 hrs/yr), 12 graduate students 2013–present

Family Medicine Clerkship, lecture on Pharmacology in Family Practice (1 hr/yr), 45 students 2012–present

## Clinical Education

Family Medicine Clerkship, clinical preceptor (8 hrs/wk) 2012–present

## Research Education

Member, Pharmacology Graduate Program 2013–present

Member, Thesis Committee, Jessie Jukes (Neuroscience PhD candidate) 2014–present

## External Continuing Education Activities

Workshop: An Overview of Non-Invasive Imaging techniques for Neurologists, American Academy of Neurology Board Review Course (virtual) 2012

## Educational Development: Curricula and Educational Materials

Development of cases for Family Medicine Clerkship 2013-2014

Member of Working Group to redesign first year graduate pharmacology curriculum 2014-present

## Advising and Mentoring

### Students

Alex Brown, Medical Student Capstone Project, Faculty Mentor Resident in Family Medicine, Baystate Medical Center, Springfield, MA 2014–2015

### Residents

Yvonne Smith, MD, Family Medicine Resident, Research Mentor Gerontology Fellow, Boston Medical Center, Boston MA 2015–2016

## Investigation

### Grants

#### Current

R03DA67890 Susan A Jones, MD, PhD (PI) (10% effort) National Institutes of Health 2020-present  
Dopamine and cerebrovascular disease  
Evaluation of the dopamine antagonist flobotin as a treatment for acute stroke  
Total cost: \$150, 000 (\$100,000 direct; \$50,000 indirect)

Big Pharma Ltd David Chief, MD, (PI) 2022-present  
Evaluation of the Safety and Efficacy of a Novel Anxiolytic in Stroke Patients  
The goal is to evaluate the efficacy and safety of A90210 in patients after stroke.  
Total cost: \$162,000  
Role: Co-Investigator (1%)

## Pending

GRAAHA1234 Susan A Jones, MD, PhD (PI) (10% effort) Great Rivers Affiliate, American Heart Association Dopamine and cerebrovascular disease (submitted April 1, 2016) Evaluation of the dopamine antagonist flobotin as a treatment for acute stroke Total cost requested: \$121,000 (\$110,000 direct; \$11,000 indirect) 2023-2028

## Completed

F32DA12345 Susan A Jones, MD, PhD (PI) (100% effort) National Institutes of Health Dopamine Antagonists and Non-invasive Imaging Characterization of dopamine antagonists as markers in PET scanning Total cost: \$185,220 (\$171,500 direct; \$13,720 indirect) 2009–2011

## Current Unfunded Projects

Assessment of outcomes following acute stroke 2016–present

## Health Care Delivery

### Leadership Positions

Associate Medical Director, Cocoa Avenue Health Center, Worcester, MA 2013–present

### Certification and Licensure

Diplomate, American Board of Family Medicine 2012  
Commonwealth of Massachusetts, Medical License 2005–present

### Clinical Discipline

Family Medicine, Specialty 2005–present

### Clinical Activities

Cocoa Avenue Health Center, Worcester, MA, Ambulatory Care (7 x half-day sessions) 2012–present

### Clinical Innovations, Safety, and Quality Improvement Projects

Served on the team to improve patient flow at Cocoa Avenue Health Center: interventions decreased patient wait time by 40%. 2016

## Scholarship

### Peer-reviewed publications

1. **Jones SA**, Earle L. & Brown A. Prospective study of the flobotin test at two family practice sites. *Family Practice* 25: 462–473 (2017).
2. **Jones SA**, Williams E & Earle L. Response to the dopamine antagonist flobotin in hypoxia-ischemia. *J. Pharm. Exp. Ther.* **322**: 1335–1342 (2016).
3. **Jones SA** & Brown E. Persistent headaches in a vole-catcher. *Headache Reports* 43: 1135–1157 (2011).
4. **Jones SA** & Cook D. Dopamine receptor antagonists modify cerebral blood flow in adult meadow voles. *J. Neurosci.* 20: 9350–9362 (2006).
5. Richards K, **Jones SA** & Cook D. Characterization of dopamine receptor subunits in juvenile meadow voles. *Brain Res.* 800: 355–364 (2003).

## Books & Chapters

1. **Jones SA** & Cook D. The cerebrovascular system of the meadow vole. in *Arvicolinae Review* (Moore P & Cook D, eds) pp 69–85, Oxbridge University Press, Oxbridge (2002).

## Non-peer-reviewed publications

1. **Jones SA**. Voles and Lyme Disease. *My Family Doctor* pp–pp 67–8 September/October 2012.

## Non-print / Online materials

1. Brown A, **Jones, S**, Smith Y. Family Medicine Clerkship: The Five Most-Seen Patients. MedEd PORTAL 2014 Available from: [www.mededportal.org/publication/](http://www.mededportal.org/publication/)

## Patents

Flobotin test for detection of risk of cerebrovascular disease (patent pending) 2016

## Invited Presentations

### National

Flobotin: What's the buzz? Grand Rounds guest lecturer, Department of Family Medicine, Patel College of Allopathic Medicine, Nova Southeastern University, Ft. Lauderdale, FL.. Aug 14, 2017

### Local

Voles: Models of Cerebrovascular Disease. Department of Biochemistry, University of Pittsburgh School of Medicine, Pittsburgh, PA. April 1, 2012

## Other Presentations, Posters & Abstracts

### National

**Jones SA**, Richards K & Cook D. 5HT-receptor antagonists modify cerebral blood flow in adult meadow voles. Poster presentation. Program No. 123.45 2005 Neuroscience Meeting Planner. New Orleans, LA: Society for Neuroscience. July 15, 2005

### Regional

**Jones SA**, Earle L. & Brown E. The flobotin test in family practice. Oral presentation. Annual Meeting, Massachusetts Academy of Family Physicians. May 9, 2014

## Academic Service

### Internal Administration and Service

#### Department

Member, Practice Site Committee, Cocoa Avenue Health Center, Worcester, MA 2013–present

#### University

Member, Executive Committee, University of Pittsburgh Postdoctoral Association 2010–2011

### Professional Memberships and Activities

Massachusetts Academy of Family Physicians 2008–present  
Member, Research Committee (2015–present)

**Editorial Responsibilities**

Reviewer, Brain Research 2011-present

**External Professional Service**

**National**

Ad hoc Member, Review Panel, Great Rivers Affiliate, American Heart Association 2014

**Professional Development**

Junior Faculty Development Program, University of Massachusetts Medical School 2015–2016