

Susan A. Jones, M.D., Ph.D.
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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 Thesis: "The function of dopamine in regulating cerebral blood flow" Advisor: Dudley Cook, PhD	6/2003
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, University of Massachusetts Medical School, Worcester, MA	7/2012–present
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Other Positions and Employment

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

Assistant Dean for Outreach Services, University of Massachusetts Medical School, Worcester, MA	2016–present
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Honors and Awards

Alpha Omega Alpha Inductee, Massachusetts Eta Chapter University of Massachusetts School of Medicine.	2005
Outstanding Dissertation Award, Graduate School of Biomedical Sciences University of Massachusetts Medical School, Worcester, MA	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
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Updated: October 2017

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 Educational Activities

Workshop: An Overview of Non-Invasive Imaging techniques for Neurologists,
American Academy of Neurology Annual Meeting, New Orleans, LA 2012

Educational Development: Curricula and Educational Materials

Development of cases for Family Medicine Clerkship
(published on MedEDPORTAL: see Publications) 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 2014–2015
Resident in Family Medicine, Baystate Medical Center, Springfield, MA

Residents

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

Investigation

Grants

Current

R03DA67890 Susan A Jones, MD, PhD (PI) (10% effort) 2016–2018
National Institutes of Health
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) 2016–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) 2018–2020
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)

Completed

F32DA12345 Susan A Jones, MD, PhD (PI) (100% effort) 2009–2011
 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)

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 and Quality Improvement Projects

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

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/

Patents

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

Invited Presentations**National**

Flobotin: What's the buzz? Plenary lecture, FASEB Conference on Dopamine Therapeutics. Bolton, NH. 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. 2005

Regional

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

Academic 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

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

Community Service

Mentor, Doctor2Doctor Program, UMass Memorial Medical Center (2 evenings/month) 2013-present

Professional Development

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