

# James S. McDonnell Department of Genetics

Website: <http://genetics.wustl.edu>

## Faculty

### **Jeffrey Milbrandt, MD, PhD** (<http://milbrandt.wustl.edu/>)

James S. McDonnell Professor and Head of Genetics  
Executive Director, McDonnell Genome Institute  
Co-Director Needleman Center for Neurometabolism and Axonal Therapeutics

### **Michael Province, PhD** (<http://genetics.wustl.edu/staff-members/michael-province/>)

Director, Division of Statistical Genomics

### **Rich Head, MS** (<http://genetics.wustl.edu/staff-members/rich-head/>)

Director, Genome Technology Access Center at McDonnell Genome Institute (GTAC@MGI)

### **Xiaoxia Cui, PhD** (<http://genetics.wustl.edu/staff-members/xiaoxia-cui-phd-ms/>)

Director, Genome Engineering and iPSC Center

Visit our website for more information about our faculty (<http://genetics.wustl.edu/faculty/>) and their appointments.

## A

### **Lucinda L. Antonacci-Fulton, M.S.**

Assistant Professor of Genetics (primary appointment)  
Bachelor of Science, Southern Illinois University Edwardsville, 1991  
Master of Science, Southern Illinois University Edwardsville, 1992

## B

### **Ruteja A. Barve, M.S., Ph.D.**

Instructor in Genetics (primary appointment)  
Bachelor of Science, University of Pune, 1995  
Master of Science, Washington University in St Louis, 2008  
Doctor of Philosophy, Washington University in St Louis, 2014

### **John Rutledge Bermingham, Ph.D.**

Associate Professor of Genetics (primary appointment)  
Bachelor of Science, Yale University, 2016  
Doctor of Philosophy, University of Colorado Boulder, 2016

### **Adam J. Bloom, Ph.D.**

Associate Professor of Genetics (primary appointment)  
Assistant Professor of Anesthesiology  
Bachelor of Science, University of California Berkeley, 1997

Doctor of Philosophy, Washington University in St Louis, 2006

### **Ingrid B Borecki, M.S., Ph.D.**

Adjunct Professor of Genetics  
Champaign, 1977  
Master of Science, University of Hawaii (Duplicate of University of Hawaii at Manoa), 1980  
Doctor of Philosophy, University of Hawaii (Duplicate of University of Hawaii at Manoa), 1981

### **William James Buchser, Ph.D.**

Assistant Professor of Genetics (primary appointment)  
Bachelor of Music, University of Miami, 2002  
Doctor of Philosophy, University of Miami, 2009

### **Thomas Patrick Burris, Ph.D.**

Adjunct Professor of Genetics  
Doctor of Philosophy, Florida State University, 1993

## C

### **Paul F Cliften, M.S., Ph.D.**

Associate Professor of Genetics (primary appointment)  
Bachelor of Science, Utah State University, 1992  
Master of Science, Utah State University, 1995  
Doctor of Philosophy, University of California, 1999

### **Barak Alon Cohen, Ph.D.**

Professor of Genetics (primary appointment)  
Alvin Goldfarb Distinguished Professor of Computational Biology  
Bachelor of Science, Cornell University, 1992  
Doctor of Philosophy, Harvard University, 1998

### **Donald Franklin Conrad, M.S., Ph.D.**

Adjunct Associate Professor of Genetics  
Bachelor of Science, Dartmouth College, 1999  
Doctor of Philosophy, University of Chicago, 2007  
Master of Science, Stanford University, 2017

### **Seth Daniel Crosby, M.D.**

Assistant Professor of Genetics (primary appointment)  
Bachelor of Science, University of California, 1984  
Doctor of Medicine, University of Texas San Antonio, 1989

### **Xiaoxia Cui, M.S., Ph.D.**

Associate Professor of Genetics (primary appointment)  
Bachelor of Science, Nanjing University, 2017  
Master of Science, University of Alabama, 2017  
Doctor of Philosophy, University of Texas Austin, 2017

## D

### **Joseph D Dougherty, Ph.D.**

Professor of Genetics (primary appointment)  
Professor of Psychiatry  
Bachelor of Science, Truman State University, 1999  
Doctor of Philosophy, University of California, 2005

### **Todd Druley, Ph.D., M.D.**

Associate Professor of Genetics  
Associate Professor of Developmental Biology

Bachelor of Science, University of Illinois, 1994  
Doctor of Philosophy, University of Illinois Chicago, 2002  
Doctor of Medicine, University of Illinois Chicago, 2002

**Susan K. Dutcher, Ph.D.**

Professor of Genetics (primary appointment)  
Professor of Cell Biology and Physiology  
Bachelor of Arts, Colorado College, 1974  
Doctor of Philosophy, University of Washington, 1980

**F**

**Justin C. Fay, Ph.D.**

Adjunct Associate Professor of Genetics  
Doctor of Philosophy, University of Chicago, 2001

**Robert S. Fulton, M.S.**

Assistant Professor of Genetics (primary appointment)  
Bachelor of Arts, Southern Illinois University Edwardsville, 1990  
Master of Science, Southern Illinois University Edwardsville,  
1997

**H**

**Richard D Head, M.S.**

Professor of Genetics (primary appointment)  
Professor of Pathology and Immunology  
Master of Science, Southern Illinois University, 1992

**Paul Hime, Ph.D.**

Instructor in Genetics (Pending Dean's Approval) (primary  
appointment)  
Bachelor of Arts, Washington University in St Louis, 2004  
Doctor of Philosophy, University of Kentucky, 2017

**J**

**Sheng-Chih Jin, M.S., Ph.D.**

Assistant Professor of Genetics (primary appointment)  
Assistant Professor of Pediatrics  
Master of Science, Johns Hopkins University, 2008  
Doctor of Philosophy, Washington University in St Louis, 2014  
Bachelor of Science, National Chiao Tung University, 2019

**L**

**Haluk Lacin, Ph.D.**

Instructor in Genetics (primary appointment)  
Bachelor of Science, Bogazici University, 2003  
Doctor of Philosophy, Washington University in St Louis, 2010

**Heather A Lawson, M.A., Ph.D.**

Assistant Professor of Genetics (primary appointment)  
Bachelor of Arts, University of Wisconsin Milwaukee, 2002  
Master of Arts, Pennsylvania State University, 2004  
Doctor of Philosophy, Pennsylvania State University, 2008

**Daofeng Li, Ph.D.**

Assistant Professor of Genetics (primary appointment)  
Bachelor of Science, China Agriculture University, 2005

Doctor of Philosophy, China Agriculture University, 2011

**Tina Ann Lindsay, M.A.**

Instructor in Genetics (primary appointment)  
Bachelor of Science, Missouri State University (Formerly  
Southwest Missouri State), 1993  
Master of Arts, Southern Illinois University, 1996

**M**

**Xianrong Mao, M.S., Ph.D.**

Instructor in Genetics (primary appointment)  
Bachelor of Science, Lanzhou University, 1993  
Master of Science, Chinese Academy of Sciences, 1996  
Doctor of Philosophy, University of Arkansas, 2001

**Brett Burkard Maricque, Ph.D.**

Assistant Professor of Genetics (primary appointment)  
Bachelor of Science, University of Wisconsin Madison, 2010  
Doctor of Philosophy, Washington University in St Louis, 2016

**James P Mc Carter, Ph.D., M.D.**

Adjunct Professor of Genetics  
Bachelor of Arts, Princeton University, 1989  
Doctor of Philosophy, Washington University in St Louis, 1998  
Doctor of Medicine, Washington University in St Louis, 1998

**Jeffrey D Milbrandt, Ph.D., M.D.**

Professor of Genetics (primary appointment)  
Professor of Medicine  
Professor of Neurology  
Professor of Pathology and Immunology  
Head of the Department of Genetics  
Executive Director of the McDonnell Genome Institute  
James S McDonnell Professor of Genetics  
Bachelor of Science, University of Nebraska at Kearney, 1974  
Doctor of Medicine, Washington University in St Louis, 1978  
Doctor of Philosophy, University of Virginia, 1983

**Robi D. Mitra, Ph.D.**

Professor of Genetics (primary appointment)  
Alvin Goldfarb Distinguished Professor of Computational Biology  
Doctor of Philosophy, Massachusetts Institute of Technology,  
2000

**Shamim Ara Mollah, Ph.D.**

Assistant Professor of Genetics (primary appointment)  
Doctor of Philosophy, University of California San Diego, 2019

**P**

**Zachary Scott Pincus, Ph.D.**

Voluntary Research Assistant Professor of Genetics  
Bachelor of Science, Stanford University, 2002  
Doctor of Philosophy, Stanford University, 2007

**Michael A Province, M.A., Ph.D.**

Professor of Genetics (primary appointment)  
Professor of Biostatistics  
Bachelor of Arts, University of Dallas, 1973

Master of Arts, Washington University in St Louis, 1979  
Doctor of Philosophy, Washington University in St Louis, 1987

## S

### **Nancy L. Saccone, M.S., Ph.D.**

Associate Professor of Genetics (primary appointment)  
Associate Professor of Biostatistics  
Bachelor of Arts, University of California, 1988  
Master of Science, Brown University, 1990  
Doctor of Philosophy, Brown University, 1993

### **Yo Sasaki, M.S., Ph.D.**

Professor of Genetics (primary appointment)  
Bachelor of Science, Tokyo University of Agriculture &  
Technology, 1991  
Master of Science, Tokyo University of Agriculture & Technology,  
1994  
Doctor of Philosophy, Gunma University, Med School, 1997

### **Tim B Schedl, Ph.D.**

Professor of Genetics (primary appointment)  
Bachelor of Arts, Lawrence University, 1977  
Doctor of Philosophy, University of Wisconsin Madison, 1984

### **Cherilynn Maria Reynolds Shadding, Ph.D.**

Adjunct Assistant Professor of Genetics  
Doctor of Philosophy, Meharry Medical College, 2002

### **James B Skeath, Ph.D.**

Professor of Genetics (primary appointment)  
Bachelor of Arts, Haverford College, 1988  
Doctor of Philosophy, University of Wisconsin Madison, 1993

### **Gary D Stormo, M.A., Ph.D.**

Professor of Genetics (primary appointment)  
Professor of Biomedical Engineering  
Professor of Computer Science  
Joseph Erlanger Professor  
Bachelor of Science, California Institute Technology, 1972  
Master of Arts, University of Colorado Boulder, 1975  
Doctor of Philosophy, University of Colorado Boulder, 1981

## T

### **Tychele Naomi Turner, Ph.D.**

Assistant Professor of Genetics (primary appointment)  
Bachelor of Science, Michigan State University, 2008  
Doctor of Philosophy, Johns Hopkins University Medical, 2014

## W

### **Ting Wang, M.S., Ph.D.**

Professor of Genetics (primary appointment)  
Professor of Computer Science and Engineering  
Professor of Biostatistics  
Sanford and Karen Loewentheil Distinguished Professor of  
Medicine  
Master of Science, Washington University in St Louis, 2001

Doctor of Philosophy, Washington University in St Louis, 2006

### **Michael Aaron White, M.S., Ph.D.**

Associate Professor of Genetics (primary appointment)  
Bachelor of Arts, Brigham Young University, 2000  
Master of Science, University of Rochester, 2004  
Doctor of Philosophy, University of Rochester, 2006

### **Mary Kaye Wojczynski, M.P.H., Ph.D.**

Associate Professor of Genetics (primary appointment)  
Stevens Point, 1995  
Master of Public Health, Emory University, 1999  
Doctor of Philosophy, University North Carolina, 2006

## Y

### **Jinsheng Yu, M.S., Ph.D., M.D.**

Assistant Professor of Genetics (primary appointment)  
Bachelor of Science, Tongji University, 1984  
Master of Science, Tongji University, 1995  
Doctor of Philosophy, Tongji University, 1998  
Doctor of Medicine, Tongji University, 1998

## Z

### **Xiaoyu Zhuo, Ph.D.**

Instructor in Genetics (primary appointment)  
Doctor of Philosophy, University of Utah, 2016