



Miriam B. Goodman

Professor of Molecular and Cellular Physiology
Molecular & Cellular Physiology

CONTACT INFORMATION

- **Alternate Contact**

Rachelle Riley - Administrative Assistant

Email rachelle.riley@stanford.edu

Tel 6507254900

Bio

ACADEMIC APPOINTMENTS

- Professor, Molecular & Cellular Physiology
- Member, Bio-X
- Member, Wu Tsai Neurosciences Institute

ADMINISTRATIVE APPOINTMENTS

- Chair, Molecular and Cellular Physiology, (2017- present)
- Associate Chair, Molecular and Cellular Physiology, (2010-2013)

2 OF 4

HONORS AND AWARDS

- Excellence in Diversity and Inclusion, Stanford University School of Medicine (2015)
- Excellence in Graduate Teaching, Stanford University School of Medicine (2014)

2 OF 11

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Reviewing Editor, Journal of Neuroscience (2018 - present)
- Reviewing Editor, eNeuro (2017 - present)
- Editorial Board Member, Institute of Physics/Biophysical Society eBooks (2016 - present)

2 OF 6

PROFESSIONAL EDUCATION

- Ph.D., The University of Chicago , Neurobiology (1995)
- Sc.B., Brown University , Biochemistry (1986)

LINKS

- Goodman Lab Site: <http://med.stanford.edu/goodmanlab.html>

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

We study the molecular events that give rise to the sensation of touch and temperature using *C. elegans* nematodes as a model system. To do this, we use a combination of quantitative behavioral analysis, genetics, in vivo electrophysiology, and heterologous expression of ion channels. We also collaborate with Pruitt's group in Mechanical Engineering (<http://microsystems.stanford.edu>) to develop and fabricate novel devices for the study of sensory transduction.

Teaching

COURSES

2018-19

- DataLucence::Images: BIOS 254 (Aut)
- Diversity and Inclusion in Science: BIOS 225 (Win)

2017-18

- Diversity and Inclusion in Science: BIOS 225 (Win)

2016-17

- DataLucence::Images: BIOS 254 (Spr)

2015-16

- Foundations in Experimental Biology: BIOS 200 (Aut)

2 OF 4

STANFORD ADVISEES

Doctoral Dissertation Reader (AC)

Katie Ching, Adam Nekimken, Michelle Pang

Postdoctoral Faculty Sponsor

Dail Chapman, Alakananda Das, Sylvia Fechner, Ehsan Rezaei, Lingxin Wang

2 OF 3

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Biophysics (Phd Program)
- Molecular and Cellular Physiology (Phd Program)

2 OF 3

Publications

PUBLICATIONS

- **Funders should evaluate projects, not people** *LANCET*
Raymond, J. L., Goodman, M. B.
2019; 393 (10171): 494–95
- **Funders should evaluate projects, not people.** *Lancet (London, England)*
Raymond, J. L., Goodman, M. B.
2019; 393 (10171): 494–95

2 OF 86