

Ready to start planning your care? Call us at [800-525-2225](tel:800-525-2225) to make an appointment.

×



Memorial Sloan Kettering
Cancer Center

[About Us](#)
[Sloan Kettering Institute](#)
[The Stephen Long Lab](#)

[Research](#)

George Vaisey, PhD

[Education & Training](#)
Graduate Student

[News & Events](#)

[Open Positions](#)



Dissertation

[Ion permeation and calcium-dependent regulation of the bestrophin channel \(2019\)](#)

Mentor

[Stephen B. Long, PhD](#)

Start Year

2013

End Year

2019

Education

MBiochem, University of Oxford

Science is endlessly challenging. Once something is figured out, it's time to move on to the next thing. A PhD is a training that will play a large role in determining the type of scientist you become. Picking a lab that does rigorous science is key for your development, and Memorial Sloan Kettering is full of them. As an undergraduate in the UK, I read two high-profile papers by the PI in lab I am now a part of. The fact that this small, young lab had been able to produce such significant work had a big impact on me and attracted me to the Gerstner Sloan Kettering program. In my own work, I'm interested in individual proteins performing various functions. It's most satisfying for me to understand how a process works in terms of protein function, particularly the 3-D structure of the proteins. Outside of the lab, I love good fiction, good art, and good food.

Fellowships

[Boehringer Ingelheim Fonds PhD Fellowship](#) (2015-2017)

[Palestin Fellowship](#) (2014-2015)

Current Position

Postdoctoral Fellow, Roderick MacKinnon Laboratory, The Rockefeller University

Publications

[Miller AN, Vaisey G, Long SB. \(2019\) Molecular mechanisms of gating in the calcium-activated chloride channel bestrophin. *eLife*. 8. pii: e43231. PMCID: PMC6342527](#)

[Vaisey G, Long SB. \(2018\) An allosteric mechanism of inactivation in the calcium-dependent chloride channel BEST1. *J Gen Physiol*. pii: jgp.201812190.](#)

[Vaisey G, Miller AN, Long SB. \(2016\) Distinct regions that control ion selectivity and calcium-dependent activation in the bestrophin ion channel. *Proc Natl Acad Sci U S A*. 113, 7399-7408. PMCID: PMC5127342 \[Available on 2017-05-22\]](#)

[View a full listing of George Vaisey's journal articles.](#)

About Us

[Overview](#)

[Leadership](#)

[Administration](#)

[History](#)

[Contact Us](#)



▼ Research

[Overview](#)

[Research programs](#)

[Research labs](#)

[Core facilities & resources](#)

▼ Education & Training

[Overview](#)

[Postdoctoral training](#)

[Gerstner Sloan Kettering Graduate School](#)

[Joint graduate programs](#)

[Programs for college & high school students](#)

▼ News & Events

[Overview](#)

[Seminars & events](#)

▼ Open Positions

[Overview](#)

[Faculty positions](#)

[Postdoctoral positions](#)

[Communication preferences](#)

[Cookie preferences](#)

[Legal disclaimer](#)

[Accessibility Statement](#)

[Privacy policy](#)

[Public notices](#)

© 2024 Memorial Sloan Kettering Cancer Center