

TRAINEES

Graduate Students Earning Ph.D.

Charles Solc
William N. Zagotta
Paul Zei (MD/Ph.D)
Max Kanevsky (MD/Ph.D)
Jennifer Ledwell
Eva Ogielski
Gargi Talukder
Rebecca Piskorowski
Sonja Pyott
Justin Litchfield
Brandon Johnson
Keegan Hines

Current Postdocs and Research Associates

Tom Middendorf
Brent Halling
Ben Liebeskind

Postdoctoral Associates

Toshinori Hoshi
Diane O'Dowd
David Brody
Sarah Garber
Adrienne McEachern (Dubin)
Peter Drain
William Zagotta
Ruth Murrell-Lagnado
Karen Parker
Cathy Smith-Maxwell
Stefan Heinemann
Naibo Yang
Zijian Xu
Alan Miller
Victor Corvalan
Dan Cox
Jianmin Cui
JiFang Zhang
Tim Jegla
Robert Brenner
Frank Horrigan
Shalini Gera
Kate Hogan
Julie Dalziel
Andrea Meredith
Anthony Fodor
Jon Sack
Robert Dodd
Christina Wilkens
Erik Sirulnick
Weiyan Li
He Liu
Luisa Scott
Jiusheng Yan
Riina Luik
Jennifer Greeson
XiXi Chen

Undergraduate Lab Trainees

At Stanford

Jeremy Dittman, PhD Harvard, now Assistant Professor at Weill Cornell Medical College
Robert Taylor, MD Columbia University
Saurabh Prakash, MD Stanford University
Brendan Lehnert, PhD, Harvard Neurobiology
Erik Lehnert, Graduate Student at Stanford
Stephanie Backovic, PhD Weill Cornell Graduate School, now scientific advisor at McDermott Will and Emery, New York

At The University of Texas

Trent Hodgson, Currently at University of Chicago
Ruchikar Mithal
Vipal Durkal, Medical Student, UT Health Science Center
Sanjay Rao
Nyssa Sherazee, did research at NIH
Emily Workman, Graduate Student at UT Austin
Jennifer Hardison, EMS provider
Upasana Bagaria, Medical Student UT Southwestern
Min-jeong Cho, Medical Student UT Southwestern
Suhas Kochat
Travis Cox, Medical Student UT Galveston
Lakshay Jain
David Moon
Oscar Molina
Sam Serhan – University Munich
Joseph Green
Margaux Miller - University of Utah Medical School
Phillip Yang - Teach For America
Amir Amire
Pujita Sonti
Jamie Smith
Suzanna Bennett
Esha Hansoti
Patrick McKewon
Miles Morgan
Payal Patel
Yelena Dokic
Uma Vaidyanathan
Christine Rafie
Rachael Langan
Miles Morgan
Jonathan Abraham
Janvi Agrawal
Diego Chavez

High School Student Trainees

Luke Baxter, Monte Vista High School Cupertino CA, Graduated from UC Santa Cruz
Victor Li , Monte Vista High School Cupertino CA, PhD Harvard
Halley Nichols, Anderson High School Austin TX - Texas A&M Undergraduate Student
Arjun Bajaj, Westlake High School Westlake Hills TX – UT undergraduate student

Saheel Chodavadia, McNeil High School, Round Rock TX
Keziah Chow - Home School
Aryan Wadhwa - Westlake High School Westlake Hills TX
Felix Law - Westlake High School Westlake Hills TX
Parthavi Matalia - Liberal Arts and Science Academy. Austin TX
Arsh Gamare - Liberal Arts and Science Academy. Austin TX
Anish Katta - Liberal Arts and Science Academy. Austin TX

PUBLICATIONS

- Aldrich, R. W., Getting, P. A., and Thompson, S. H. 1979. Inactivation of delayed outward current in molluscan neurone somata. *J. Physiol.* 291:507-530.
- Aldrich, R. W., Getting, P. A., and Thompson, S. H. 1979. Mechanism of frequency dependent broadening of molluscan neurone soma spikes. *J. Physiol.* 291:531-544.
- Thompson, S. H., and Aldrich, R. W. 1980. Membrane potassium channels. In: Cotman C.W., Poste, G. and Nicolson G. L., ed. *The Cell Surface and Neuronal Function*. Elsevier/North-Holland; 49-85.
- Aldrich, R. W. 1981. Inactivation of voltage-gated delayed potassium current in molluscan neurons: A kinetic model. *Biophysical J.* 36:519-532.
- Aldrich, R. W., and Yellen, G. 1983. Analysis of nonstationary channel kinetics. In: Sakmann B. and Neher E., ed. *Single Channel Recording*. Plenum Press; 281-299
- Aldrich, R. W., Corey, D. P., and Stevens, C. F. 1983. A reinterpretation of mammalian sodium channel gating based on single channel recording. *Nature*. 306:436-441.
- Aldrich, R. W. and Stevens, C. F. Inactivation of open and closed sodium channels determined separately. *Cold Spring Harbor Symposia on Quantitative Biology*. Vol. XLVIII:147-153.
- Aldrich, R. W., Dionne, V. E., Hawrot, E., and Stevens, C. F. 1986. Ion transport through ligand gated channels. In: Andreoli, T. E., Hoffman, J. F., Fanestil, D. D. and Schultz S. G. ed. *Physiology of Membrane Disorders*. Plenum Press; 491-516.
- Aldrich, R. W. 1986. Voltage dependent gating of sodium channels: Towards an integrated approach. *Trends in Neuroscience*. 9:82-86.
- Aldrich, R. W. and Stevens, C. F. 1987. Voltage-dependent gating of single sodium channels from mammalian neuroblastoma cells. *J. Neurosci.* 7:418-431.
- Hollingsworth, S., Aldrich, R. W. and Baylor, S. M. 1987. In vitro calibration of the equilibrium reactions of the metallochromic indicator dye antipyrylazo III with calcium. *Biophys. J.* 51:383-393.
- Solc, C. K., Zagotta, W. N. and Aldrich, R. W. 1987. Single-channel and genetic analyses reveal two distinct A-type potassium channels in *Drosophila*. *Science*. 236:1094-1098.
- Hoshi, T. and Aldrich, R. W. 1988. Voltage-dependent K⁺ currents and underlying single K⁺ channels in pheochromocytoma cells. *J. Gen. Physiol.* 91:73-106.
- Hoshi, T. and Aldrich, R. W. 1988. Gating kinetics of four classes of voltage-dependent K⁺ channels in pheochromocytoma cells. *J. Gen. Physiol.* 91:107-131.
- Solc, C. K. and Aldrich, R. W. 1988. Voltage-gated potassium channels in larval CNS neurons of *Drosophila*. *J. Neurosci.* 8:2556-2570.