It is my pleasure to present the fifth volume of *Pioneering Neuroscience*. As we did once before, I am including original scientific articles that were contributed by students in two different courses. Students in Biology 363: Neurobiology submitted the first five articles over a year ago. The remaining six articles were just submitted from students in Biology 150: Introduction to Biological Inquiry, the Language of Neurons. The result is a journal that covers a wide range of questions and presents a great range of techniques and experimental approaches.

I wish to thank the students of Biology 150 and 363 for their hard work and collegiality. I have enjoyed getting to know each and every one of you. None of this would have been possible without the major contributions of Sue Kolbe, the lab instructor for Biology 150, and Carolyn Bosse for Biology 363. The student assistants in Biology 150 were Priya Malik and Laura Dobbs, both of whom provided invaluable assistance, especially in the beginning of the course when "everything" was new to the students. Thanks to Stephanie Peterson for her excellent work in typesetting the journal. Lastly, special thanks go to Pavitra Kannan who created the art work for the cover of the journal.

Clark Lindgren, Editor May 2004 Grinnell, Iowa