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ABOUT THE FRONT COVER

My name is Cathy Danilec. Currently, I'm a University of Alberta Bachelor of Science graduate with a focus in biology and science psychology. In the future, I hope to obtain a Masters in Biomedical Communications – allowing me to illustrate textbooks, science journals, and create models or animations for classroom use.

For the front cover of this issue, the Eureka team was looking for an illustration unifying science and the world around us. Within this theme, we came up with the idea of a lab scene with focuses on different areas of science, specifically the biological sciences.



ABOUT THE BACK COVER



I grew up on an acreage outside of Lacombe, Alberta, with avid naturalists for parents. Our family vacations were most often into the backcountry of the Rockies, canoeing down some river, or off to explore the parks of Canada and the United States. As a result, at an early age I developed a fascination for the natural world and the sciences that let me learn how it worked.

Growing up on the prairies, there are not many tide pools, or even tides. I developed and interest in marine biology none-the-less when, in my grade 11 year, I was able to go on a school trip to the Bamfield Marine Sciences Centre (BMSC) that introduced me to marine biology. BMSC is a research station run by the five major universities in western Canada, including the University of Alberta. After that high school trip, I started applying to university programs that would get me back to the coast, and decided on the Animal Biology program at the U of A.

In my fourth year, I was able to go back to Bamfield for the fall semester. Four months of immersive marine biology, with most classes spent out in the field doing everything from snorkeling with salmon during the fall run to dredging up deep water denizens to study, independently studying how octopus camouflage in the lab to hiking through the temperate rainforest to study organisms on remote

beaches. After returning to Edmonton for the winter, I put off convocation and went back to Bamfield for one last course, scientific diving. Not a bad way to finish a degree!

The picture on the back cover of this journal was taken during one of my courses in Bamfield. I have no fancy equipment, just a cheap point and shoot digital camera, but even with that, I started developing an interest in photography, particularly underwater. I am hoping to pair my interest in marine biology with SCUBA diving, but where ever I go, my little camera will be close by because even in the most ordinary environment, there is amazing things going on in nature if you look through the right eyes. Or lens.

