

## An Introduction to Astronomy

Astronomy is defined by NASA as the study of stars, planets, and space. New planets, stars, and moons are being discovered all the time and new theories are put forward about the universe. This is a basic introduction to astronomy from historical, scientific and practical perspectives. An evening field trip to a local observatory is also included – date to be determined. No prior knowledge of astronomy is required.

Presenters - Members of the Sunshine Coast Astronomy Club

Four Thursdays 2 pm – 4 pm  
Nov 5, 12, 19, 26

## How to Create Great Photos with your iPhone: Introduction

We will begin with an introduction to the various controls of the iPhone Camera – focus, exposure and light control, aspect ratios and video, and then we'll examine classical compositional strategies and use of the basic editing app to bring out the best in your photos. Finally, we'll look at a process for reviewing and organizing your photos.

Presenter – Jack Pope

Four Fridays 1 pm – 3 pm  
Nov. 6, 13, 20, 27

## Free Annual Clifford Smith Memorial Lecture 2020

Dr. Erwin Diener

### The Immune System: Its Protective and Destructive Nature

Our body's individuality is guarded by complex cellular and molecular interactions, which govern the distinction between "self" and "foreign." This lecture centers on understanding these interactions; showing how they provide immunity from potentially fatal invasions by bacteria and viruses and from cancer cells whose molecular structures deviate from "self." Through knowledge of the subtle dynamics that underlie the distinction between "self" and "not-self" we shall comprehend the body's vulnerability to autoimmune disease.

Dr. Erwin Diener, a Fellow of the Royal Society of Canada, is an internationally celebrated scientist. His accomplishments are so numerous and significant that they cannot be done justice here. In the words of a colleague Diener is "a world prominent immunologist. He represents a scientist of extraordinary ability whose career has made a major impact on the discipline and who has received world-wide acclaim for his findings. He is also recognized internationally as founding Chairman of one of the most exciting immunology departments in Canada."

Diener is a long-time resident of the Sunshine Coast and lives in Sechelt  
Open to all ages

Saturday, November 14, 2020  
2 pm– 4 pm on Zoom



## REGISTRATION OPENS NOON AUGUST 20, 2020

Register through our web page using PayPal either with an account or by Credit Card.

[sunshinecoasteldercollege.ca/fall-2020/](https://sunshinecoasteldercollege.ca/fall-2020/)

Mail: PO Box 1912, Sechelt, BC V0N 3A0

Registration Queries.  
[registrar@sunshinecoasteldercollege.ca](mailto:registrar@sunshinecoasteldercollege.ca)  
Phone: (604)-865-0795

General Queries.  
[info@sunshinecoasteldercollege.ca](mailto:info@sunshinecoasteldercollege.ca)



ElderCollege is a non-profit society funded solely by course fees. We do not receive grants or donations. We operate on a break-even basis and have reduced our course fees by over 20 per cent in recent years.

## SUNSHINE COAST Elder College

## FALL COURSES 2020

We are going online this Fall. Join us on Zoom as we adapt in order to continue supporting third age education on the Sunshine Coast. Watch our video on YouTube to preview our Fall 2020 courses.



## REGISTRATION OPENS AUGUST 20, 2020

All courses are \$35  
Ages 55 and up

**Zoom: All courses are online – participants will need an internet connected computer or another device with the Zoom application enabled.**

All Zoom classes will open half an hour before the class begins so we have time to socialize as well as assist any new Zoomers with Zooming.

[sunshinecoasteldercollege.ca](https://sunshinecoasteldercollege.ca)

## Restorative Justice

Restorative Justice involves those who have a stake in a specific offense, including the alleged offender. We'll review the history of Restorative Justice in Canada, the influence of First Nations tradition, and its use in our community. We'll examine the impact, results, and benefits for both offender and victim of a crime.

Presenter – Nancy Denham

Four Wednesdays 10 am - noon  
Sept 9, 16, 23, 30

## Mythical Creatures in Western Thought and Culture

Folk tales and mythology abound with magical creatures. Unicorns and dragons still put their stamp on modern culture, while 'almost-humans', from sasquatch to Cyclops, from elves to werewolves, that once haunted our campfires now spawn entertainment classics. We'll look at the many fascinating creatures that defy nature and science.

Presenter – Viveca Ohm

Four Thursdays 10 am - noon  
Sept 10, 17, 24, Oct 1

## Artists in the Studio

Online visits to local Sunshine Coast artists' studios. They will showcase some of their art, discuss how they work, their art background, media, techniques, style and creative processes.

Presenters – Sandy Kay, Coralie Swaney, Ruth Rodgers and Marlene Lowden

Four Tuesdays 10 am – 11.30 am  
Sept 15, 22, 29, Oct 6

## Hot Topics

Get involved in lively, thoughtful discussions. A wide range of current topics and philosophical questions are explored in the comfort of a small group. Participants will be invited to research topics, make presentations, listen, and take part in moderated discussions.

Moderators – Pat Hausberg and Selma Swaab

Six Mondays 10 am – 11:30 am  
Sept 14, 21, 28, Oct 5, 19, 26  
No class Oct 12 (Thanksgiving)

## Drawdown

Based on the book "Drawdown: The Most Comprehensive Plan Ever Proposed to Reverse Global Warming", this course shifts the conversation concerning global warming to one of hope and possibility. Attendees will learn that by taking action they can contribute to climate change reversal.

Presenter – Judith Gordon

Four Fridays 10 am - noon  
Oct 2, 9, 16, 23

## Enjoying Science Fiction and Fantasy

Science Fiction and Fantasy have permeated our culture. This course covers the origins of the genre leading to an overview of the current landscape. Themes include "stranger in a strange land" (whether an alien, robot or monster), and the intersection of history and speculative fiction such as epic fantasy, time travel, alternate history and steam punk.

Presenter – Clint Budd

Four Wednesdays 2 pm – 4 pm  
Oct 7, 14, 21, 28

## Adventures in Travel

Join us on four adventures You will meet people who have wandered a little outside of their comfort zones to explore unusual places or to experience known destinations in new and creative ways.

Presenters – Phil and Holly Cunnington

16-day Grand Tour of China; Bette Chadwick – Peru; Barb Chapman - Freighter Cruising; Gill and Ron Kydd - A Small Ship Cruise from Athens to Singapore

Four Thursdays 2 pm– 4 pm  
Oct 8, 15, 22, 29

## Astrogeomorphology

Geomorphology is the science concerned with the forms of the land surface and the processes that create them. Astrogeomorphology examines the landforms of the major solid bodies of the Solar System including planets and several moons. We begin with a brief history of the universe and then focus on impact craters, tectonics, volcanos and other dynamic formative processes. Finally, we speculate on the surface features of exoplanets.

Presenter - Ray Kostaschuk

Four Tuesdays 2 pm – 4 pm  
Oct 20, 27, Nov 3, 10

## Canadian History – 1848 to the Second World War

We explore Canada's evolution from a set of far flung colonies, to a colonial federation, to independence. We'll look at the forces that shaped that evolution – a not-always friendly neighbor to the south, social unrest, war and conflict, and a rapidly changing British Empire. All this is overlaid on vast geography and mismanaged, exploitative relationships with the First Nations.

Presenter - Keith Maxwell

Four Mondays 2 pm – 4 pm  
Nov 2, 9, 16, 23