



*Providing adult education, insight, and engagement*  
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 FOR PROGRAM INFORMATION, PLEASE PHONE 507-280-3157  
*Supported by Rochester Community and Technical College*

We continue to work from our homes. The best way to contact us is using **email**. You will find a variety of classes from presenters from throughout the United States. Zoom has opened the door to many topics and presenters.

Thank you for your ongoing support!

Chrisanne & Jamie

[Chrisanne.pieper@rctc.edu](mailto:Chrisanne.pieper@rctc.edu)

[Jamie.Schroeder@rctc.edu](mailto:Jamie.Schroeder@rctc.edu)



LIFE is offering **something new** — classes recorded between May 11, 2020 and May 1, 2021 can be viewed at a time that is convenient for you. This summer you can try our recorded programs at a one-time introductory price of \$10 per person per recording. Pricing will increase beginning with the fall semester. A listing of recorded classes can be found in the yellow insert.

**THANK YOU!**

A huge thank you to People's Cooperative's Operation Round-Up Program for awarding RCTC LIFE with a \$1,500 grant to be used for marketing the LIFE Program.



# RCTC LIFE – SUMMER 2021

## Letter from the LIFE Board Chair

I am eagerly looking forward to summer! Growing up, my mother, a teacher from the time she was 18 years old, would recite to me the beginning of James Russell Lowell's poem describing those perfect June days we would experience.

*"A what is so rare as a day in June?  
Then, if ever, come perfect days  
Then Heaven tries the earth if it be in tune  
And over it softly her warm ear lays"*

The poem goes on for many more lines, but most people remember the first line. This year I am sure many of us are looking forward to the perfect rare days of June where we can be freely "out and about" visiting with family and friends, face to face, doing activities we have missed so much. While we will be venturing out in the world more than last summer, LIFE classes will be available to enrich us intellectually from anywhere our travels take us! Not only will we be able to register for current class offerings, you will also be able to purchase previously recorded classes that you maybe missed, wanted to see and hear again, or wished to share with a family member or friend. These may be viewed at your convenience within a determined timeframe.

There is no doubt that our members miss the camaraderie of learning in a group setting but by using the ZOOM format we have been able to expand our audience and presenters. Our LIFE program has become known throughout the country and as you will see in this class booklet we have presenters that are from throughout Minnesota and also from such states as Maryland, Florida, Ohio, Illinois, Missouri, Montana, and Colorado. We even have a presenter from Canada! Chrisanne and our LIFE Program Committee have again provided our members with a wide variety of classes from which to choose. We have quite a number of popular presenters returning for the summer but I would like to highlight a few new presenters. David Ulrich, a communications consultant, who supports the Twin Metals project, a plan to develop a copper/nickel mine in the Boundary Waters Canoe Area will share information about the project in June. Then in August, Tom Landwehr will speak about the effects that this project will have on the Boundary Waters for years to come. It isn't often we have the opportunity to hear both sides of an issue. In July and August the Docent from the Illinois Holocaust Museum and Education Center will share two different programs with us. The first is on the Zev and Shifra Karkomi Holocaust Exhibition and the second one is entitled, Mandela: Struggle for Freedom. Both of these should be excellent and thought provoking. We have heard from members that have been to this museum that it is an excellent place to visit. Lastly, from the University of Montana, Scott Waller, a graduate student in the Wildlife Biology program, will share his research on the prey species of the Siberian Tiger. Having been awarded a Fulbright Scholarship Scott will be returning to the Russian Far East this fall where he will be testing new methods to monitor the prey of the Siberian Tiger.



Chrisanne Pieper, Jamie Schroeder, and the entire LIFE Board wish to thank you for the wonderful support you have given the LIFE Program during this very stressful year. Hopefully we will experience more perfect June days in the coming months! As our social activities increase take time to relax and enjoy our LIFE class offerings. See you in class!

Julie Stenehjem, LIFE Board Chair

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- 11 "The Federal Reserve: America's Central Bank and its role in communities" with Michael Grover, Ph.D. Assistant Vice President, Community Development, FEDERAL RESERVE BANK OF MINNEAPOLIS
- 12 "Singing the Music as Soldiers Marched" with Laurie Helmers and Carol Engel
- 12 "What we learned from the Mississippi: stories and lessons from the River Semester" with Joseph Underhill, PhD, River Semester, Augsburg University, Dept. of Environmental Studies
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- 14 "The Legal Legacy of Ruth Bader Ginsburg and the Struggle to Replace Her" with Timothy R. Johnson PhD, University of MN Department of Political Science and Law
- 15 "Wolf Pup 101" followed up by "Wolves of the Northwest" with Maddy Witt, International Wolf Center
- 15 "Be a Green-Savvy Consumer followed by Where is Away?" with Jean Ponzi, Green Resources Manager, EarthWays Center of Missouri Botanical Garden
- 16 "Generational Politics" with David Schultz PhD, JD, Hamline University, University of Minnesota
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- 17 "Naturalists on the Voyages of Captain James Cook" with Marguerite Ragnow PhD Curator, James Ford Bell Library, University of MN
- 17 "Mandela: Struggle for Freedom" with Docent, Illinois Holocaust Museum & Education Center
- 18 "I've taken the pill, now what?" with Pamela Haase PharmD
- 19 "A Looming Threat to America's Most Popular Wilderness - the BWCAW" with Tom Landwehr, Executive Director, Northeastern Minnesotans for Wilderness Campaign to Save the Boundary Waters
- 19 "New Ways to Count Prey: Estimating densities of prey for Amur tiger conservation and hunting management in the Russian Far East" with Scott Waller
- 20 "Canoes: A Natural History in North America" with Mark Neužil PhD Professor, Journalism Chair, University of St. Thomas
- 20 "The Differences Between Males and Females---More Than You Think" with Richard Kowles PhD, Saint Marys University Emeritus



Colleen Arnold Janet Bartz Martha Bartzner Brenda Dicken Peg Farrell Steve Frytak Tom Gaffey Pamela Haase Jane Hallman Judy Haugen	<b>LIFE Advisory Board Officers 2020-21</b> <i>Julie Stenehjelm</i> Chair  <i>Chuck Stupca</i> Vice Chair  <i>Frank Iossi</i> Secretary	Chad Israelson Phil Karsell Walt Menning Judy Pease Maureen Plitzuweit Pixy Russell Steve Troutman Bill Wiktor Mary Wilson
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# RCTC LIFE – SUMMER 2021

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Teaching American Indian history and the environment, **Mercedes Tuma-Hansen** presents programs at schools, parks, museums, and as a public speaker. Starting at the Minnesota Historical Society, she developed a national award-winning museum education program. Now she has over 15 years of living history experience. Teaching about everyday life in the past and letting people try their hand at skills like birch bark basket making, net making, processing wild nuts, and creating traditional art with a modern twist gives people an opportunity to experience history. These programs engage participants in history by connecting the past to our modern lives.

## **Ojibwe Seasonal Life with Mercedes Tuma-Hansen**

Learn the traditional ways of the Ojibwe in early Minnesota. They moved seasonally to follow food and resources to live straight from nature. This dramatically different way of life helps us compare our modern lifestyles and impact upon the environment. This program can also include fur trade history by addressing the Europeans who came for work and exploration. Fur trade presentations include manufactured goods such as kettles, blankets and fire starters that traders brought from around the world. We explore this global business that influenced both white and native cultures. While I am not American Indian, it is important to learn about the many cultures that shape Minnesota's past and present. *This is a repeat of the Spring 2020 class.*

**Date(s): Tuesday, June 1 Time(s): 10 am-Noon # of Sessions: 1**

**Member Fee: \$15 Non-Member Fee: \$25**

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*Curt Brown worked as a daily journalist in Minnesota for more than 30 years, mostly at the Minneapolis Star Tribune. He was named MN journalist of the year in 2013 for a series called "In the Footsteps of Little Crow," about the US-Dakota War of 1862. An e-book of that series climbed to No. 13 on the New York Time bestseller list. His books include "So Terrible a Storm," chronicling a 1905 Lake Superior gale. In 2014, he moved with his wife, Adele, to a trout stream near Durango, Colorado, but continues to write a history column every Sunday in the Star Tribune — more than 300 weeks in a row.*

## **Crowdsourcing MN History: Re-visiting our Past; One Week at a Time with Curt Brown, MN History columnist, Minneapolis Star Tribune**

For more than six years now, longtime MN journalist Curt Brown has been writing a weekly MN History column every Sunday in the Minneapolis Star Tribune. That's nearly 350 consecutive Sundays with a MN history tale. He'll join us to talk about how the column has become a crowd-sourcing of history, with readers' suggestions leading to fun stories about sometimes forgotten women and men in our state's past. Curt will discuss how he seeks diversity — among both the gender and backgrounds of his character-driven subjects and the periods in MN history, from the pioneer days of the 1850s to racial unrest in the 1970s and many decades in between. He'll share some of his favorite columns and give the backstories behind them. Curt spent 30 years in MN daily journalism before moving to a trout stream near Durango, Colo., in 2014. Editors gave him a freelance contract to produce the column and it's become his weekly quest ever since.

**Date(s): Tuesday, June 1 Time(s): 1-3 pm # of Sessions: 1**

**Member Fee: \$15 Non-Member Fee: \$25**



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*Scott Hill earned a Bachelor of Arts Degree in History from Metropolitan State College in Denver, Colorado and a Master's Degree in American History from George Mason University in Fairfax, Virginia. Scott has worked for the Federal Government for over 27 years; 24 of those years with the National Park Service as an Interpretive and Supervisory Park Ranger at eight different NPS units (Fredericksburg/Spotsylvania NMP, Richmond NBP, Petersburg NB, C&O Canal NHP, Ford's Theatre NHS, Appomattox Court House NHP, George Washington Birthplace NM and Thomas Stone NHS.) For the last ten years, he has served as the Chief of Interpretation at George Washington Birthplace NM and Thomas Stone NHS. During his NPS experience, Scott has been filmed for C-Span and Fox News about the Assassination of Abraham Lincoln at Ford's Theatre NHS; written an article published in the book, "Oh, Ranger" about Thomas Stone NHS; read the Declaration of Independence in front of a large crowd at the Washington Monument on the 4th of July and participated in Civil War Sesquicentennial events at Manassas NB, Antietam NB, Fredericksburg/Spotsylvania NMP and Appomattox Court House NHP as well as a War of 1812 Bicentennial event at Fort McHenry NM and Historic Shrine. For the past eight years, he has taught U.S. History and American Military History as an adjunct professor at the College of Southern Maryland and at Rappahannock Community College.*

## **We Are Likely to See Times We Couldn't Have Imagined: The American Revolution with Scott Hill, Chief of Interpretation, George Washington Birthplace National Monument & Thomas Stone National Historic Site**

Between 1763-1775, Britain and her 13 American colonies engaged in a slow, steady buildup to war. From illegal taxation, to the stationing of British troops in some of the major colonial cities, and to a street-fight on a cold winter night, to the destruction of British tea, the buildup had all the elements of a Greek tragedy. And with the sound of bullets fired one April dawn came a breakup that had cooler heads prevailed, might have been avoided altogether. Hear how 13 fractious, prideful colonies, came to risk their lives, fortunes, and sacred honor on a dream that until then had seemed unimaginable; independence.

**Date(s): Wednesday, June 2 Time(s): 10 am-Noon # of Sessions: 1**

**Member Fee: \$15 Non-Member Fee: \$25**

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*David Ulrich, native Minnesotan and current Minneapolis resident, is a seasoned business executive with 40 years of leadership expertise. David originally joined Twin Metals Minnesota at its inception with his initial focus to build leadership and technical teams. He has been actively involved in workforce development initiatives to prepare educational pathways for people to become part of the mining industry, including service on the Governors Workforce Development Board, NE MN Workforce Investment Board, UMD, MNSCU and local NE Minnesota technical college and high school advisory Boards. David currently supports Twin Metals project as communication consultant sharing the project's*

*story of generations of future mining opportunities. Prior to Twin Metals, David provided senior-level leadership across a range of organizations and industries, from multibillion-dollar international manufacturer, to smaller closely held companies. In addition to condo life in Minneapolis, David cherishes time at the lake and cabin – pretending to fish while enjoying neighboring deer, eagle and bear.*

## **Twin Metals Minnesota project update with David Ulrich, Communications Consultant, Twin Metals, MN LLC**

The presentation focuses on an introduction to Twin Metals' project proposal, which aims to meet the world's growing need for critical minerals with safety as its number one priority — safety for workers, safety for communities and safety for the environment. David will describe the core tenets of the Twin Metals mine—from its unprecedented economic and job growth potential, to the ways in which it will utilize best-in-class technology, all while continuing a rich tradition of mining in the region.

**Date(s): Thursday, June 3 Time(s): 1-2 pm # of Sessions: 1**

**Member Fee: \$5 Non-Member Fee: \$7**

# RCTC LIFE – SUMMER 2021



**Andrew O'Brien** was born in the U.K. and graduated with a Bachelor's and Master's degree in History from Oxford University. Andrew also has a teaching degree from London University and a Master's in teaching from Johns Hopkins University. After teaching in the UK, he taught middle school for 21 years in Maryland. Recently retired, Andrew and his wife live in North Carolina and St. Petersburg, FL.

## **A Very British Hero or Villain: Lawrence of Arabia with Andrew O'Brien**

Archaeologist, army officer, diplomat, and writer, T.E. Lawrence was a Renaissance man in every sense. However, his role in the Arab Revolt and the Sinai and Palestine Campaign against the Ottoman Empire during the First World War was controversial and would make him famous throughout the world. Many of his Arab friends would feel betrayed.

**Date(s): Mondays, June 7, 14 Time(s): 9-11 am # of Sessions: 2**

**Member Fee: \$29 Non-Member Fee: \$49**



**Sarah Ruble PhD** is a professor of Religion at Gustavus Adolphus College. She attended Seattle Pacific University and Duke University before settling in the Midwest. She is the author of "The Gospel of Freedom and Power: Protestant Missionaries in American Culture Since 1945" (University of North Carolina Press) that focuses on the discussions about missionaries in post-World War II American culture.

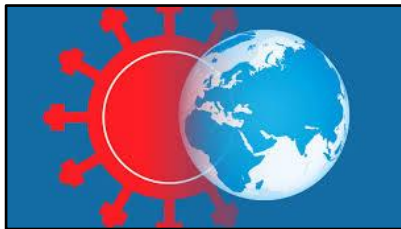
## **Religion and American Freedom with Sarah Ruble PhD**

This class will explore how religious Americans have thought about freedom. From debates about predestination and free will to current controversies over mask mandates, religious Americans have celebrated, argued over, and demanded "freedom." We will consider the many--and possibly contradictory ways--people have used the term and what that might mean for many of our current divides and debates.

**Date(s): Tuesday, June 8 Time(s): 10 am -Noon # of Sessions: 1**

**Member Fee: \$15 Non-Member Fee: \$25**

**Stephen Troutman** is a Futurist and frequent speaker on a number of diverse topics. At IBM for 33 years, Steve retired as an Executive Consultant in 2010. In the US Navy Reserve for 23 years, he was Commanding Officer of four units, and attained the rank of Captain. He has been a Futurist since 1999. He is an active volunteer serving on several Boards and as a SCORE Mentor to small business. He currently serves on the LIFE Board.



## **Great Decisions 2021 Discussion Group Topic: Roles of International Organizations in a Global Pandemic with Steve Troutman**

The Covid-19 pandemic has thrust the World Health Organization (WHO) into the limelight, for better and for worse. While some of the Trump administration's criticism of the organization is unfair, the response to the early stages of the pandemic left many experts wanting more from the WHO.

What is the WHO's role in responding to international pandemics? What can be done to improve the WHO's response to future global health crises?

**Date(s): Tuesday, June 8 Time(s): 3:15-5:15 pm # of Sessions: 1**

**Member Fee: \$10 Non-Member Fee: \$15**

**LIFE members can register online with a credit card at  
[www.learningisforever.net](http://www.learningisforever.net)**

# RCTC LIFE – SUMMER 2021



**Nicholas Hayen** is a graduate of the University of Utah with a Master's in History and International Relations. He has worked with nonprofit think tanks such as the National Council on U.S.-Arab Relations and the Middle East Policy Council. He is currently serving as President of the MN International NGO Network and works for the translation company United Language Group as a Global Program Manager. His blog and podcast series, *The Orientalist Express*, seeks to simplify international relations and translate the benefits of American foreign policy to the average American. His publications include his Master's Thesis "Brothers in Arms: American and Saudi-Arabian Relations during the Soviet-Afghan War", and "Combating Insurgency in British Palestine." He lives in St. Paul with his wife Hannah and daughters Mira and Florence.

## **Untangling the Modern Middle East with Nicholas Hayen, President of the MN International NGO Network**

This discussion will outline the current situation in the Middle East region including its political structures, cultural considerations, and ongoing conflicts. Course content will also focus on the recent history of the region and how events in the Middle East can impact life in America.

**Date(s): Wednesday, June 9 Time(s): 1-3 pm # of Sessions: 1**

**Member Fee: \$15 Non-Member Fee: \$25**



**Chad Lewis** is a paranormal researcher and author for *Unexplained Research L.L.C.* Lewis holds a master's of science degree in psychology from the University of Wisconsin-Stout. He had trekked across the world in search of the paranormal. From tracking vampires in Transylvania and chasing the Chupacabras in Puerto Rico, to searching for the elusive monster in Loch Ness, and pursuing ghosts in Ireland's castles, Lewis brings more than 14 years of research experience to his presentations. Lewis has been featured on the Discovery Channel's "A Haunting," ABC's "World's Scariest Places" and hundreds of radio interviews, TV appearances and newspaper articles. Lewis is the author of the "Hidden Headlines" series and also the co-author of the "Road Guide to Haunted Locations" book series. Lewis has presented at hundreds of libraries, universities, schools and private functions.

## **Bizarre History of Minnesota--Strange Stories From Our Past with Chad Lewis**

This presentation showcases over 100 bizarre newspaper stories from MN that have not been seen in over 100 years. These unbelievable stories were not lost, they were simply hidden. Chad provides a time portal back to the early days of the state when it was filled with strange deaths, ghosts, sea serpents, peculiar people, medical anomalies, psychic phenomena, and UFOs. You will change the way you view the good ol' days of MN.

**Date(s): Thursday, June 10 Time(s): 1-2:30 pm # of Sessions: 1**

**Member Fee: \$9 Non-Member Fee: \$12**



**Carol Veldman Rudie** is the lead docent and the coordinator of outreach education at The Museum of Russian Art in Minneapolis. She regularly leads classes and speaks on topics of Russian art. A former college teacher, she has done PhD work at the University of Minnesota in English literature and art history.

## **Imperial Splendor: Court Culture in Romanov Russia with Carol L. Veldman Rudie**

At one time the Russian court was the richest and most elaborate in all the world. From art to jewelry to banquets, the Romanovs were enfolded in unequalled visual glory. Examining the artifacts of that culture also illuminates the autocratic power that gave the tsar and his world such prominence both at home and in the world of that time.

**Date(s): Tuesday, June 15 Time(s): 1-3 pm # of Sessions: 1**

**Member Fee: \$15 Non-Member Fee: \$25**



# RCTC LIFE – SUMMER 2021



*Katherine Jellison is Professor of History at Ohio University, where she teaches courses on U.S. women's and gender history. Her publications include "Entitled to Power: Farm Women and Technology, 1913-1963" and "It's Our Day: America's Love Affair with the White Wedding, 1945-2005." She also wrote the biography of Jacqueline Kennedy in Katherine A.S. Sibley, ed., "Blackwell Companion to First Ladies," 2016). She frequently appears in print and on television and radio as a commentator on first ladies and their role in U.S. politics and history.*

## **First Family Pets with Katherine Jellison PhD, Ohio University, College of Arts and Sciences**

Katherine's program will focus on the history of First Family pets, from the familiar (Barbara Bush's dog Millie) to the lesser known (Thomas Jefferson's mockingbird Dick). From dogs and cats to more exotic creatures, the pets that Presidents and their families choose as their animal companions can tell us much about these individuals and the times in which they lived. The ways in which the Chief Executive interacts with his pets can also lend important insights into his judgment and character.

**Date(s): Wednesday, June 16 Time(s): 1-3 pm # of Sessions: 1**

**Member Fee: \$15 Non-Member Fee: \$25**



*Aaron J. Brown is an instructor at Hibbing Community College. He writes a weekly column for the Iron Range's only daily newspaper, the Mesabi Tribune, and a monthly column for the Minnesota Reformer. He is the founder and author of the Northern Minnesota news and culture blog MinnesotaBrown.com. His first book "Overburden: Modern Life on the Iron Range" (Red Step Press, 2008) won the Northeastern Minnesota Book Award. Brown's next book, "Power in the Wilderness," will be published by the University of Minnesota Press in 2022. He lives in the woods of the western Mesabi Iron Range with his wife and three sons.*

## **Power in the Wilderness: The story of a frontier mining village's heroic fight against the world's biggest corporation and the high cost of its victory with Aaron J. Brown**

Victor Power was an Irish-American lawyer in the Mesabi Iron Range village of Hibbing during the dawning years of the 20th Century. Using hard-won guile he united a small town of mostly foreign-born immigrants for a legal and political battle against U.S. Steel, then the biggest corporation in the world. By taxing the mines, Power turned a mining camp ruled by the company into a progressive village with magnificent parks and infrastructure. However, Power paid a price for his politics while American industry demanded more and more iron from the land around Hibbing. "Power in the Wilderness," a new book by Aaron Brown, and a podcast produced by Brown and NY filmmaker Karl Jacob, tells the origin story of American corporate power and how its tussle with Vic Power in the woods of northern MN informs the issues and controversies of modern times.

**Date(s): Thursday, June 17 Time(s): 10 am-Noon # of Sessions: 1**

**Member Fee: \$15 Non-Member Fee: \$25**

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**Steve Borchardt** is currently self-employed as a MN licensed realtor with Edina Realty. In his previous career life he was employed in development by the Rochester Area Foundation (RAF). He served as the Director of the Coalition for Rochester Area Housing, where he coordinated fund-raising, project development, grant & loan making, and public policy advocacy in the interest of furthering the creation and preservation of housing that is affordable for the local workforce. Steve spent his primary career in public safety with the Olmsted County Sheriff's Office from 1975 to 2008, serving as sheriff from 1991 until his retirement from office in 2008. Without question, he has failed at retirement several times.



**David Dunn** has served for the past four years as the Housing Director for Olmsted County, overseeing efforts to create and preserve affordable housing locally and our efforts to end homelessness. Prior to working in housing, David served two years as the Assistant Director of the Rochester-Olmsted County Planning Department, and as a Senior City Planning working on neighborhood stability and redevelopment opportunities for the City of Des Moines, Iowa. David holds a Master's of Urban and Regional Planning Degree from the University of Iowa and a Bachelor's Degree from Cornell College, In Mt. Vernon Iowa. David resides in Rochester with his wife Jill, children Claire and Grace and two cats.

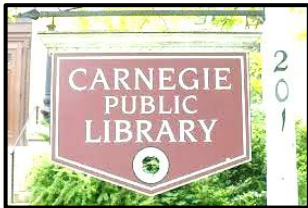
## **Who is having trouble affording safe and secure housing and why with Steve Borchardt and David Dunn**

What is happening in today's housing market? What population is affected? If previous generations of service level employees and laborers could afford a house, why not now? What is causing our growing homeless population and what can our community do about it?

**Date(s): Thursday, June 17 Time(s): 1-3 pm # of Sessions: 1**

**Member Fee: \$7 Non-Member Fee: \$10**

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**Greg Gaut** is emeritus faculty at Saint Mary's University in Winona, where he taught European and Russian history. Since 2012, he has worked as a historic preservation consultant, preparing National Register of Historic Places nominations in Corcoran, Ely, Hokah, Ranier, Sacred Heart, Virginia, Winona, Worthington and other Minnesota towns. He and his wife Marsha Neff are regular contributors to Minnesota History, and two of their articles won the David Gebhard Award for the best article on Minnesota's built environment. A lover of libraries, he has published *Laird's Legacy: A History of the Winona Public Library* and *Reinventing the People's Library*, a history of St. Paul's Arlington Hills Public Library, a Carnegie library which is now the East Side Freedom Library. He is working on a book about the Minnesota home front during World War I.

## **Minnesota's Carnegie Libraries after 100 Years with Greg Gaut**

In the early 1900s, Andrew Carnegie funded the construction of over 1600 libraries in this country, 66 of which were in Minnesota. This talk will describe the Carnegie library program in Minnesota and assess its impact after more than a century. We will touch on themes of philanthropy, architecture, accessibility, historic preservation, and of course, the importance of libraries in American society. The first half of the talk will describe the Carnegie library program in Minnesota, and the second will describe the extent to which the buildings have survived after more than a century. Particular attention will be paid to the changes that are required in those Carnegie libraries which continue to serve the community. Illustrated by images of libraries from around the state.

**Date(s): Monday, June 21 Time(s): 1-2:30 pm # of Sessions: 1**

**Member Fee: \$10 Non-Member Fee: \$15**

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*Stephen Troutman is a Futurist and frequent speaker on a number of diverse topics. At IBM for 33 years, Steve retired as an Executive Consultant in 2010. In the US Navy Reserve for 23 years, he was Commanding Officer of four units, and attained the rank of Captain. He has been a Futurist since 1999. He is an active volunteer serving on several Boards and as a SCORE Mentor to small business. He currently serves on the LIFE Board.*



## **Great Decisions 2021 Discussion Group Topic: The End of Globalization? with Steve Troutman**

As the United States enters another election season, the merits and drawbacks of globalization are again being debated by the presidential candidates. With the passing of the Brexit vote and Donald Trump's America First doctrine, protectionist policies have become more prevalent, challenging globalization. What is globalization and how will it be affected by protectionist trade policies? How will the United States and the world be affected by such policies? Is globalization really at an end, or in need of a refresh?

**Date(s): Tuesday, June 22 Time(s): 3:15-5:15 pm # of Sessions: 1**

**Member Fee: \$10 Non-Member Fee: \$15**



*Heather Casper has been the Curator of Education at the Minnesota Marine Art Museum in Winona, MN since February 2007. In this position she has developed a variety of public programming, touring programming, school partnerships, and educational resources for the galleries. She also manages a corps of over 100 volunteers and docents and works to build and maintain community partnerships with local and regional educational institutions. Casper holds a MS degree in Art Education from the University of Tennessee at Knoxville and a BFA in Ceramics from the University of Colorado at Boulder.*

*Casper is passionate about making museums matter to everyone in her community, and works hard to accomplish this through innovative programming, relationship building and training volunteers to create a welcoming and friendly environment for visitors.*

## **A Visual Taste of the Minnesota Marine Art Museum with Heather Casper, Minnesota Marine Art Museum Director of Education**

Join Curator of Education, Heather Casper, for a 90-minute virtual tour of the collections of the Minnesota Marine Art Museum in Winona, Minnesota. Casper will highlight 5-7 artworks, and invite participants to engage in a dialogue about each one. No experience required, and all comments welcome.

**Date(s): Thursday, June 24 Time(s): 1-2:30 pm # of Sessions: 1**

**Member Fee: \$9 Non-Member Fee: \$12**

## Did You Know?



LIFE is offering something new — classes recorded between May 11, 2020 and May 1, 2021 can be viewed at a time that is convenient for you. This summer you can try our recorded programs at a one-time introductory price of \$10 per person per recording. Pricing will increase beginning with the fall semester. More information and a listing of recorded LIFE classes can be found on the yellow insert.

# RCTC LIFE – SUMMER 2021

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As principal of Deep Brook, **Christa Tiefenbacher-Hudson** is providing international consulting services to U.S. companies doing business in Germany and German companies doing business in the U.S. A native of Germany, she is a founding member of the German American Chamber of Commerce Midwest, Minnesota Chapter. Since 2016, she has served as the director of the Minneapolis/St. Paul Eric M. Warburg Chapter of the American Council on Germany. From August 1991 until October 2018, she was managing director of TripleInk, a multilingual marketing communications agency in Minneapolis which she co-founded in 1991 as a division of Martin-Williams Advertising. From March 2010 until May 2016, Christa held the post of honorary consul of the Federal Republic of Germany in Minneapolis, with a consular district that encompassed MN, North and South Dakota, and W. Wisconsin. In September 2018, she was awarded the Order of Merit of the Federal Republic of Germany for her contributions to enhancing Germany's standing abroad and its relations with the U.S.

## **Brexit: The Long Divorce between the UK and the European Union with Christa Tiefenbacher-Hudson** **Director, Minneapolis Warburg Chapter, American Council on Germany**

A review of the history of the relationship between the UK and the EU; the circumstances and reasons that led to the 2016 referendum to leave the EU; how the Brexit negotiations revealed the false claims about Brexit and its real consequences; what the future holds for the UK outside the EU and for the EU without the UK; and the implications for the transatlantic relationship.

**Date(s): Tuesday, June 29 Time(s): 1-3 pm # of Sessions: 1**

**Member Fee: \$15 Non-Member Fee: \$25**

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**Michael Grover** is an Assistant Vice President at the Federal Reserve Bank of Minneapolis and is currently serving on a two-year rotation with the Board of Governors in Washington, D.C. He helps to lead the Minneapolis Fed's efforts to promote the economic resilience and mobility of low- to moderate-income (LMI) individuals and communities across the Ninth Federal Reserve District. Grover joined the Bank in August 2003 as a community development researcher after spending several years as a labor market analyst for the State of Minnesota's Health and Employment and Economic Development departments. He has conducted research and published articles on affordable housing, community development corporations, homeownership disparities, and foreclosure patterns and mitigation efforts. Grover is currently on the board of HousingLink, an affordable rental housing intermediary that serves the Twin Cities. He holds a PhD in urban studies from the University of Wisconsin at Milwaukee.



## **The Federal Reserve: America's Central Bank and its role in communities with Michael Grover PhD, Assistant Vice President, Community Development**

The presentation will provide an overview of the nation's central bank, the Federal Reserve, with a focus on its roles and responsibilities. In addition, the presentation will discuss how Reserve Banks work to better understand economic and community conditions, including the impact of the COVID-19 pandemic, in their respective regions.

**Date(s): Wednesday, June 30 Time(s): 1-3 pm # of Sessions: 1**

**Member Fee: \$13 Non-Member Fee: \$21**

# RCTC LIFE – SUMMER 2021

*Laurie Helmers is a freelance actress-vocalist-director-writer with over five decades of wonderful experiences. In addition, she teaches piano and voice in her private studio, has been a church organist and choral director since the age of 14, and has served as adjunct theatre faculty at Riverland Community College in Austin, MN. Favorite recent roles from a long resume include Rosie in Mama Mia, Mama Morton in Chicago, Angela in Honky Tonk Angels, Miss Mona in Best Little Whorehouse in Texas, Dolly Levi in Hello Dolly, and Auntie Mame in Mame. She is also an "honest-to-god singing cowgirl," living on an acreage with the same husband for over 40 years, but with different horses! Laurie loves to combine traveling, walking and horseback riding, such as in a 2018 trans-atlantic cruise including a mountain hike in Greenland and a toting ride on Icelandic horses.*

*Carol Engel graduated from Mankato State University with a Major in Music Education and a Piano Concentration degree. She has taught piano lessons for many years, been a substitute organist for church services, taught music education in public schools for 19 years, accompanied many concerts, recitals, contests and musicals in East Grand Forks, Mn and Rochester, Mn. Carol is the accompanist for the RCTC concert choir and has been for three years.*

## **"Singing the Music as Soldiers Marched" with Laurie Helmers and Carol Engel**



Singer Laurie Helmers, accompanied by Carol Engel, performs patriotic songs that are connected to military campaigns or wars throughout America's 245-year history. This program isn't about the politics or ethics of war; rather, it's about the wide array of emotions such circumstances bring out in humans and the expression of those emotions in music. In addition to singing, Laurie will share interesting historical information such as why the lyrics of "Yankee Doodle" include "stuck a feather in his hat and called it macaroni."

**Date(s): Thursday, July 1 Time(s): 1-2 pm # of Sessions: 1**

**Member Fee: \$9 Non-Member Fee: \$12**



**Joseph B. Underhill, PhD** is Associate Professor in the Political Science Department and Director of the 1 Relations program at Augsburg. His experiential and interdisciplinary courses regularly take students off campus, including trips down the Mississippi River, participation in Model UN in NYC, and studying comparative environmental politics in locations including Egypt, New Zealand, Nicaragua, and Tanzania. He has written and presented on the intersection of political psychology, security, and the environment and is author of the book "Death and the Statesman." Dr. Underhill teaches courses in

*Environmental and River Politics, research methodology, law, and a range of topics in world politics.*

## **What we learned from the Mississippi: stories and lessons from the River Semester with Joseph Underhill PhD, River Semester, Augsburg University, Department of Environmental Studies**

What might higher education look like in the 21st Century? After COVID, and with the political turmoil, increasing risks posed by climate change, renewed attention to the history of racial injustices in the U.S., this is a good time to be thinking about new, relevant forms of citizen education. Joseph will cover one model for a field-based program that takes college students for a whole semester down the length of the Mississippi River. Traveling through "Red" and "Blue" parts of the country, the group explores how the river both unites and divides us. Students learn many life lessons—including environmental justice, American Indian history, how to tie a bowline, how to read navigational charts, and how to stay healthy and sane while traveling with a group for a hundred days. Besides being a fun, life-affirming activity, students learn how to navigate serious challenges and build skills we all need to work on the big issues facing us today.

**Date(s): Tuesday, July 6 Time(s): 1-3 pm # of Sessions: 1**

**Member Fee: \$15 Non-Member Fee: \$25**

# RCTC LIFE – SUMMER 2021

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## **Karkomi Holocaust Exhibition with Docent, Illinois Holocaust Museum & Education Center**

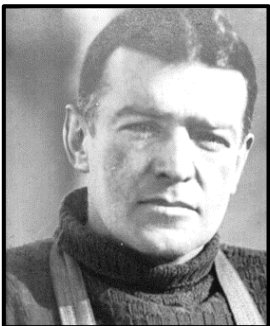
The Zev and Shifra Karkomi Holocaust Exhibition is a place where both those familiar with the Holocaust and those learning about it for the first time can experience pre-war European life, the rise of Nazism, ghettoization, concentration camps, liberation, and resettlement around the world through more than 500 artifacts, documents, photographs, and a German rail car of the type used in Nazi deportations. It has a special focus on post-war life in Skokie, Illinois, which had the largest per capita population of Holocaust survivors outside of Israel and sparked the Museum's eventual creation.

**Date(s): Wednesday, July 7 Time(s): 10-11:15 am # of Sessions: 1**

**Member Fee: \$10 Non-Member Fee: \$15**

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*Andrew O'Brien was born in the U.K. and graduated with a Bachelor's and Master's degree in History from Oxford University. Andrew also has a teaching degree from London University and a Master's in teaching from Johns Hopkins University. After teaching in the UK, he taught middle school for 21 years in Maryland. Recently retired, Andrew and his wife live in North Carolina and St. Petersburg, FL.*



## **A Very British Explorer: Shackleton & the Antarctic with Andrew O'Brien**

Sir Ernest Henry Shackleton was an Irish Antarctic explorer who led three British expeditions to the Antarctic. Learn about the wreckage of a failed expedition to cross the continent by land and how Shackleton would save his crew in one of the most daring exploits of the Twentieth Century. He is remembered as one of the principal figures of the period known as the heroic age of Antarctic Exploration.

**Date(s): Mondays, July 12, 19 Time(s): 9-11 am # of Sessions: 2**

**Member Fee: \$29 Non-Member Fee: \$49**

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*Dave Battistel is a history teacher and instructional leader at St. Patrick High School in Thunder Bay, Ontario. Since 1994 he has been actively researching and writing about the history of the Port Arthur, Duluth and Western Railway, its associated ventures such as mining and logging, as well as other abandoned rail lines in the area. He is currently completing a book on the Gunflint & Lake Superior Railroad.*

## **Paulson Mine 1885-1921: The Struggle for Iron in the Gunflint Range with Dave Battistel**

The story of this mining venture spans many decades and involves people and business on both sides of the border. You will learn about all the intrigues during the many attempts to turn the Gunflint area of northern Minnesota into one of the major iron producing places on the continent. Its hopes and ultimate failure are an important chapter in the history of the Boundary Waters area.

<https://padwrr.com/iron-mining/>

**Date(s): Wednesday, July 14 Time(s): 10 am-Noon # of Sessions: 1**

**Member Fee: \$13 Non-Member Fee: \$21**

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# RCTC LIFE – SUMMER 2021

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**Travis McDonald** is an architectural historian who has directed the restoration of Thomas Jefferson's Villa Retreat, Poplar Forest, since 1989. A native of Galveston, Texas, he received his graduate degree in architectural history from the University of Virginia's School of Architecture. He formerly worked for the Chief Historical Architect of the National Park Service, for the Colonial Williamsburg Foundation, and has directed museum restorations in Virginia for more than 40 years. In 2011 he was awarded The Architecture Medal for Virginia Service, by the Virginia Chapter of the American Institute of Architects for his work at Poplar Forest. In 2016 he received a Commendation from the Virginia Senate for Preserving the Heritage of Virginia.

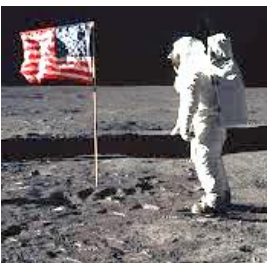
## **Poplar Forest: The Lost Private World of Thomas Jefferson with Travis McDonald**

When Thomas Jefferson left the presidency and public life in 1809 he not only retired to his principal home, Monticello, but also began using his remote and very private villa retreat named Poplar Forest. Jefferson used this idealistic house for fourteen years. The property remained out of public awareness until it was rescued as a museum property in 1984 and since then has become one of the most authentic architectural restorations in the country and an important recaptured part of Jefferson's history. Learn about Jefferson's final retreat and the work that went into saving this historic home! *Cosponsored with Olmsted County History Center.*

**Date(s): Thursday, July 15 Time(s): 10 am-Noon # of Sessions: 1**

**Member Fee: \$15 Non-Member Fee: \$25**

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**David Jones**, a resident of Minneapolis, has been presenting on historical topics since 1996. He has made more than 1,500 presentations to over 40,000 people. He is a native of St. Peter, MN and a graduate of Gustavus Adolphus College.

## **Apollo: Why We Went to the Moon (a non-technical look) with David E. Jones**

July of 1969 will be remembered for centuries to come as the first time that mankind ventured beyond the earth's boundaries and explored a new world. There were many forces, political, social and fiscal, at work that led us to the moon. Join us for a non-

technical discussion about mankind's greatest technological achievement.

**Date(s): Tuesday, July 20 Time(s): 10-11:30 am # of Sessions: 1**

**Member Fee: \$10 Non-Member Fee: \$15**

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**Timothy R. Johnson** is the Morse Alumni Distinguished Professor of Political Science and Law at the University of Minnesota. He is a nationally recognized expert on U.S. Supreme Court oral arguments and decision making. During his career Johnson has co-authored three books about Supreme Court oral arguments and his work appears in a wide variety of academic journals. His research and commentary have been covered by *The Economist*, *The Guardian*, *New York Times*, *Washington Post*, *Wall Street Journal*, *NPR*, *C-SPAN*, *USA Today*, *ABC*, *CNN*, and *The National Journal*. Beyond research, he has won multiple college level and university wide awards for teaching and was named the 2018 American Political Science Association's Distinguished Teacher.



## **The Legal Legacy of Ruth Bader Ginsburg and the Struggle to Replace Her with Timothy Johnson PhD, JD, University of MN Department of Political Science and Law**

Ruth Bader Ginsburg's legacy on the law and the U.S. Supreme Court will be felt for generations to come. But what exactly was the impact she had? In this talk about her legal life prior to joining the Court as well as about her time on the bench, Timothy R. Johnson brings to life one of the most iconic Supreme Court Justices in its more than 200 year history.

**Date(s): Tuesday, July 20 Time(s): 1-3 pm # of Sessions: 1**

**Member Fee: \$15 Non-Member Fee: \$25**

# RCTC LIFE – SUMMER 2021

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**Maddy Witt** grew up in Chicago, but visited Ely frequently as a child. Her experiences at the International Wolf Center led her to study wildlife management and biology at the University of Minnesota Crookston. After developing a love for environmental education while working at the Brookfield Zoo and Riveredge Nature Center, she returned to the International Wolf Center as the Program Manager. She enjoys sharing the ambassador wolves with the public, creating programs for different audiences and helping to mentor the next generation of environmental educators.



## **"Wolf Pup 101" followed up by "Wolves of the Northwest" with Maddy Witt, International Wolf Center**

**Part One:** Welcoming Wolf Pups: Connect with the International Wolf Center to learn more about our new wolf pups! We'll cover all of the stages of pup development and what it takes to raise Ambassador wolves here at the Wolf Center. We'll also learn more about the northwestern subspecies of the gray wolf and check in on our new northwestern gray wolf pups via live-

streaming cameras. **Part Two:** Wolves of the Northwest: North America has 5 different subspecies of the gray wolf. In this program, we will discuss the type of subspecies our new pups are, the Northwestern gray wolf. We will also talk about a variety of other animals commonly found in western North America.

**Date(s): Thursday, July 22 Time(s): 1-3 pm # of Sessions: 1**

**Member Fee: \$15 Non-Member Fee: \$25**

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As the Green Resources Manager for EarthWays Center, a division of Missouri Botanical Garden in St. Louis, **Jean Ponzi** responds to public inquiries with resources, referrals and information on sustainable practices, products and services. She is in demand as a public speaker. As a Resource Advisor to the St. Louis Green Business Challenge, a program of the St. Louis Regional Chamber, Jean has since 2010 coached over 190 companies to efficiently integrate sustainable policy and practice into everyday business operations. She is often the face and voice of EarthWays Center in print and electronic media coverage. She has written for GreenBiz.com, Home Energy, Grist and Missouri Resources magazines and many local publications, in addition to contributing an environmental column, Earthworms' Castings, to The Healthy Planet Magazine since 1997.



## **Be a Green-Savvy Consumer followed by Where is Away? with Jean Ponzi, Green Resources Manager EarthWays Center of Missouri Botanical Garden**

**Part One: Be a Green-Savvy Consumer:** As "Green" grows more popular, marketing campaigns exploit this consumer preference – but how can you tell what's "greenwashing" and what's worthwhile? This resource-packed talk spotlights product certifications, labeling – even mobile phone apps – you can use to choose products wisely, without feeling overwhelmed. **Part Two:**

**Where is "Away?":** Where does stuff go when you throw it away? This fascinating behind-the-scenes tour of waste handling processes covers recycling, community-scale composting and landfilling of the stuff that leaves our homes, schools and businesses everyday – to encourage sustainable choices!

**Date(s): Tuesday, July 27 Time(s): 1-3 pm # of Sessions: 1**

**Member Fee: \$15 Non-Member Fee: \$25**



# RCTC LIFE – SUMMER 2021

**David Schultz** is Hamline University Professor of Political Science and University of Minnesota Professor of Law. A Three-time Fulbright scholar, he is the author of more than 35 books and 200+ articles on American Politics. Professor Schultz is a frequent political analyst whose comments appear in the New York Times, Washington Post, and National Public Radio.

## **Generational Politics with David Schultz PhD, JD, Hamline University, University of MN**

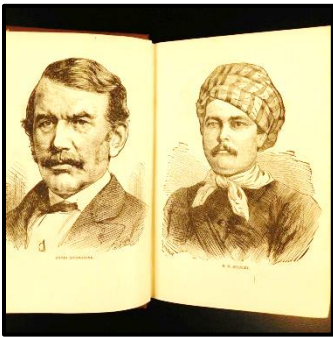
Each generation thinks it's going to change the world. But does it? This class looks at the role of generation change in American politics. Emphasis will be upon defining what is a generation, how do they differ from one another, and what it will mean as the Baby Boomer era of American politics ends and they are replaced by the Millennials and Gen Z.

**Date(s): Wednesday, July 28 Time(s): 1-3 pm # of Sessions: 1**

**Member Fee: \$15 Non-Member Fee: \$25**



**Andrew O'Brien** was born in the U.K. and graduated with a Bachelor's and Master's degree in History from Oxford University. Andrew also has a teaching degree from London University and a Master's in teaching from Johns Hopkins University. After teaching in the UK, he taught middle school for 21 years in Maryland. Recently retired, Andrew and his wife live in North Carolina and St. Petersburg, FL.



## **A Very British Explorer: Livingstone and the Search for the Source of the Nile with Andrew O'Brien**

Obsessed by a desire to find the source of the River Nile, David Livingstone devoted his life to this search, because he believed that its discovery would help him end the East African slave trade. Out of contact with Britain for over six years, Livingstone is feared dead. American-born Stanley, who had not set foot in Africa before, assembled a caravan of over 100 porters with the promise to bring Livingstone back dead or alive. Join us as we explore the lives of these two fascinating men and their impact on the world.

**Date(s): Mondays, August 2, 9 Time(s): 9-11 am # of Sessions: 2**

**Member Fee: \$29 Non-Member Fee: \$49**

# RCTC LIFE – SUMMER 2021



*Dr. Marguerite Ragnow is the curator of the James Ford Bell Library, which documents the history and impact of global trade and cultural exchange in the pre-modern era, before ca. 1800. She also is on the graduate faculties of History, Early Modern Studies, and Medieval Studies at the University of Minnesota. The immediate past president of the Society for the History of Discoveries and past editor of its journal, *Terrae Incognitae*. Dr. Ragnow is the co-author (with photographer Natasha D'Schommer) of *Tulips, Chocolate & Silk*. Celebrating 65 Years of the James Ford Bell Library, which was a finalist for the 2020 Minnesota Book Award in the Minnesota Non-Fiction category and also is a finalist for a Midwest Book Award.*

## **Naturalists on the Voyages of Captain James Cook with Marguerite Ragnow PhD, Curator, James Ford Bell Library, University of MN**

The explorations of the Pacific by Captain James Cook are legendary. Yet, our knowledge of these voyages frequently derives from the exquisite drawings that accompany the narrative. Many of these were made by naturalists on board these vessels of exploration; they were tasked with not only finding and cataloging new plant and animal specimens, but also drawing them. Most of them also captured the people they encountered as well. Join James Ford Bell Library curator Marguerite Ragnow as she shares some of the amazing drawings and the insight into distant cultures they offer.

**Date(s): Tuesday, August 10 Time(s): 10-11:30 am # of Sessions: 1**

**Member Fee: \$10 Non-Member Fee: \$15**



## **Mandela: Struggle for Freedom with Docent, Illinois Holocaust Museum & Education Center**

We will trace the history of apartheid in South Africa, with Nelson Mandela as the central character. With immersive environments, such as a recreation of Mandela's cell on Robben Island, Mandela promotes human rights with a central message: all people deserve to be treated with dignity and respect. This virtual tour includes artifacts as seen in the exhibition, archival images and is narrated by our Chief Curator Arielle Weinger. After the video tour is a live Q & A session with a docent.

**Date(s): Thursday, August 12 Time(s): 1-2:15 pm # of Sessions: 1**

**Member Fee: \$10 Non-Member Fee: \$15**



# RCTC LIFE – SUMMER 2021



***Pamela Haase** has retired from a 33-year career as Clinical Pharmacist at Mayo Clinic. Born and raised in the beautiful rolling hills of southwestern Iowa, she received her BS in Pharmacy from the University of Iowa and Doctorate of Pharmacy at the Medical University of South Carolina. Her practices at Mayo included Drug Information Service and the care of patients recovering from general, emergency and trauma surgery. Professional interests have been pain management, drug use in altered gastrointestinal situations, total parenteral nutrition, and antibiotic use in post-operative infections. In retirement, she does volunteer work with the Salvation Army Good Samaritan Clinic, and the Rochester Music Guild Scholarship Competition. Pamela has served on the Advisory Board of LIFE for the past six years. Having made a promise to herself to "NEVER STOP LEARNING," Pamela loves attending LIFE courses for the interesting content, exceptional speakers, and for fellow attendees seeking the same knowledge.*

## **I've taken the pill, now what? with Pamela Haase PharmD**

In 2020, Americans filled 4.55 billion prescriptions at a cost of \$358,700,000. The average number of prescriptions filled increases with age, from 13 (for those age 50 to 64), to 22 (for those ages 80 and older). As we take our daily regimen of prescribed doses, how many times do we think "Just what happens when I take this? How does it get to the headache, the blood pressure, the cholesterol, or the infection in my foot?" These questions can be answered by the disciplines of pharmacokinetics and pharmacodynamics. We will follow the drug as it gets absorbed into the body, distributed to the sites where it has effects, metabolized to active or inactive substances, and eliminated from the body. We also look at the many factors affecting these processes. Why do some people react adversely or do not react therapeutically? We will also learn "pearls" of knowledge from the standpoint of a clinical pharmacist. Will I become addicted to opiates if I take them after surgery? Why can't I just take all these pills in the morning instead of having to take a dose twice daily? Can I believe the never-ending ads on TV or the internet? Can we assume all drugs are safe and effective? What about supplements?

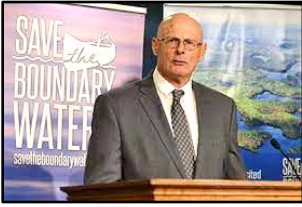
**Date(s): Tuesday, August 17 Time(s): 1-2:30 pm # of Sessions: 1**

**Member Fee: \$10 Non-Member Fee: \$15**



# RCTC LIFE – SUMMER 2021

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*Tom Landwehr is a lifelong Minnesotan raised in an outdoors-oriented family. He received Bachelors and Master's degrees in Wildlife Management from the University of Minnesota (1980 and 1986, respectively), and a Master's of Business Administration from the Carlson School in 2001. He began his professional career with the Minnesota DNR in 1982 as a research technician in St. Paul. In 2011, Governor Mark Dayton appointed Tom as the Commissioner of the Minnesota DNR. In March, 2019, Tom joined Northeastern Minnesotans for Wilderness as its Executive Director. Tom is an adjunct instructor at the University of Minnesota and enjoys all things Minnesota. (savetheboundarywaters.org)*

## **A Looming Threat to America's Most Popular Wilderness - the BWCAW with Tom Landwehr, Executive Director Northeastern Minnesotans for Wilderness Campaign to Save the Boundary Waters**

The Boundary Waters Canoe Area Wilderness is the largest federally-designated Wilderness east of the Rockies and north of the Everglades. The pristine and undeveloped matrix of lakes, rivers and forests is a fascinating ecosystem that is America's most visited Wilderness. This is the home to moose, Canada lynx, lake trout, goshawks and hundreds of other iconic northwoods species. A robust economy has developed around the area by businesses supporting the wilderness adventurer, by youth and Scout camps, and by seasonal and permanent homeowners wanting to be near this iconic northwoods. Now, however, all of this is threatened by a proposed sulfide-ore copper mine on the edge of the BWCA. A Chilean company - Antofagasta - is proposing to scrape bare 2 square miles of land in the watershed of the Boundary Waters, and adjacent Birch Lake and the South Kawishiwi River that flows right into the BWCA. The EPA has called this type of mining the "most toxic in the US," and the toxic runoff and devastating terrestrial impacts will forever change this area.

**Date(s): Thursday, August 19 Time(s): 10-11 am # of Sessions: 1**

**Member Fee: \$5 Non-Member Fee: \$7**

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*Scott Waller grew up on a hay farm outside of Kalispell, Montana. He studied in Vermont at Middlebury College, where he earned his undergraduate degree in conservation biology and minored in Russian language. Between semesters, Scott worked for five summers as a grizzly bear technician for Montana Fish, Wildlife and Parks. Scott is currently a graduate student at the University of Montana, working on his MSc degree and advised by Drs. Mark Hebblewhite and Jedediah Brodie. Beyond his wildlife studies, Scott is an avid guitar player, translator of all things Russian, horse packer, and powderhound.*

## **New Ways to Count Prey: Estimating densities of prey for Amur tiger conservation and hunting management in the Russian Far East with Scott Waller**

During the 2010 World Tiger Summit, the conservation and sustainable management of prey species was identified as a key priority for all tiger-range countries to ensure the recovery of tiger populations. Many of these prey species are important game animals harvested by local communities, and so their effective management is critical for tiger and human co-existence, too. Scott is working with the Wildlife Conservation Society Russia program and the Sikhote-Alin Biosphere Reserve to develop a system for monitoring prey species using camera traps. They are considering everything from study design (e.g., where are cameras placed in the landscape?) and the ability to meet important model assumptions, to the feasibility for managers to actually implement these models. They have already made great progress, and the new techniques they are developing will offer a reliable way to monitor prey species with camera traps not just for Russian managers, but for tiger conservationists across the species' range.

**Date(s): Wednesday, August 24 Time(s): 10 am-Noon # of Sessions: 1**

**Member Fee: \$15 Non-Member Fee: \$25**

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*Mark Neužil PhD is professor and chair of the Department of Emerging Media at the University of St. Thomas in St. Paul. He is the author or co-author of eight books, including "Canoes: A Natural History in North America" (with Norman Sims and a foreword by John McPhee). He is a frequent writer and speaker on environmental issues.*

**Canoes: A Natural History in North America with Mark Neužil PhD, Professor, Journalism Chair, Department of Emerging Media, University of St. Thomas**

The canoe, in all its forms, is a classic form of transportation in American culture. From originals in dugouts and birch barks to wood, wood-and-canvas and synthetic materials, the canoe has gone from a working vehicle to a pleasure craft, yet the basic design has not changed for 5,000 years. Dr. Neužil will trace the canoe's history from Native American times to the present day.

**Date(s): Thursday, August 26 Time(s): 1-3 pm # of Sessions: 1**

**Member Fee: \$15 Non-Member Fee: \$25**

*Richard Kowles is Distinguished Professor Emeritus in Biology at Saint Mary's University of Minnesota in Winona, MN. His undergraduate degree was obtained from Winona State University and after completing two master's degrees, one in biology and one in education, he earned a PhD in genetics at the University of Minnesota. He has taught for 58 years at various levels, the last 40 years as a geneticist and cell biologist at Saint Mary's University. Kowles is the author of two college textbooks, Genetics, Society, and Decisions and*



*Problem Solving in Genetics, and more recently a trade book, "The Wonder of Genetics." His latest book was "A Passion to Teach. Fifty-eight Years of Humorous, Weird, and Engaging Tales."*

**The Differences between Males and Females---More Than You Think with Richard Kowles PhD, Saint Marys University Emeritus**

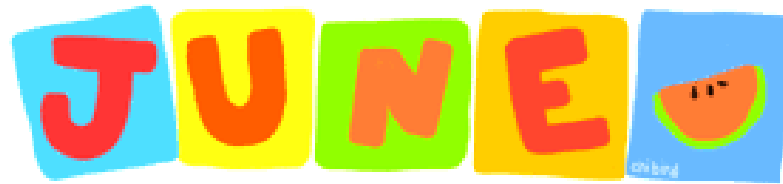
Most people are aware of the basics of sex determination such as the X and Y chromosomes; however, additional complex factors are now known. Consequently, in this power point presentation a focus will be placed on gene inactivation, mosaics, sex-linked genetic syndromes, sex chromosome abnormalities, and a few other interesting considerations of male versus female differences.

**Date(s): Tuesday, August 31 Time(s): 1-3 pm # of Sessions: 1**

**Member Fee: \$13 Non-Member Fee: \$21**



**LIFE Fall 2021 and Winter 2022 will be on Zoom!**  
**[www.learningisforever.net](http://www.learningisforever.net)**



Mon	Tue	Wed	Thu	Fri
	1 Ojibwe Seasonal Life, 10 am-Noon  Crowdsourcing MN History: Re-visiting our Past: One Week at a Time 1-3 pm	2 We are Likely to See Times We Couldn't Have Imagined: The American Revolution, 10 am-Noon	3 Great Books, 10 am-Noon  Twin Metals Minnesota Update, 1-2 pm	4
7 A Very British Hero or Villain: Lawrence of Arabia, 9-11 am	8 Religion and American Freedom, 10 am-Noon  Great Decisions Discussion: Roles of International Organizations in a Global Pandemic, 3:15-5:15 pm	9 Untangling the Modern Middle East, 1-3 pm	10 Bizarre History of Minnesota- Strange Stories From Our Past, 1-2:30 pm	11
14 A Very British Hero or Villain: Lawrence of Arabia, 9-11 am	15 Imperial Splendor: Court Culture in Romanov Russia, 1-3 pm	16 First Family Pets, 1-3 pm	17 Power in the Wilderness, 10 am-Noon  Housing: Who is having trouble affording safe and secure housing and why? 1-3 pm	18 LIFE Book Group, 10 am-Noon
21 Minnesota's Carnegie Libraries after 100 Years, 1-2:30 pm	22 Great Decisions Discussion: End of Globalization? 3:15-5:15 pm	23 Trip—"Piano Man"	24 A Visual Taste of the Minnesota Marine Art Museum, 1-2:30 pm	25
28	29 Brexit: The Long Divorce between the UK and the European Union, 1-3 pm	30 The Federal Reserve, 1-3 pm		



Mon	Tue	Wed	Thu	Fri
			1 Singing the Music as Soldiers Marched, 1-2 pm	2
5	6 What We Learned from the Mississippi: Stories and Lessons from the River Semester, 1-3 pm	7 Karkomi Holocaust Exhibition, 10-11:15 am	8	9
12 A Very British Explorer: Shackleton & the Antarctic, 9-11 am	13	14 Paulson Mine 1885-1921: The Struggle for Iron in the Gunflint Range, 10 am-Noon	15 Poplar Forest: The Lost Private World of Thomas Jefferson, 10 am-Noon	16
19 A Very British Explorer: Shackleton & the Antarctic, 9-11 am	20 Apollo: Why We Went to the Moon, 10-11:30 am  The Legal Legacy of Ruth Bader Ginsburg and the Struggle to Replace Her, 1-3 pm	21 Trip—"Man in Black"	22 "Wolf Pup 101" followed up by "Wolves of the Northwest," 1-3 pm	23
26	27 Be a Green-Savvy Consumer followed by "Where is Away?" 1-3 pm	28 Generational Politics, 1-3 pm	29	30

# August

Sun	Mon	Tue	Wed	Thu	Fri
1	2 A Very British Explorer: Livingstone & the Search for the Source of the Nile 9-11 am	3	4	5	6
8	9 A Very British Explorer: Livingstone & the Search for the Source of the Nile 9-11 am	10 Naturalists on the Voyages of Captain James Cook, 10-11:30 am	11	12 Mandela: Struggle for Freedom, 1-2:15 pm	13
15	16	17 I've taken the pill, now what? 1-2:30 pm?	18 Trip-Stop in the Name of Love	19 A Looming Threat to America's Most Popular Wilderness - the BWCAW, 10-11 am	20
22	23	24 New Ways to Count Prey, 10 am-Noon	25 Trip-Summer of Love	26 Canoes: A Natural History in North America, 1-3 pm	27
29	30	31 Differences Between Males and Females --- More Than You Think, 1-3 pm			