Our UCALL mission is to provide opportunities for intellectual development, cultural stimulation and social interaction for adults through courses, excursions and special events.

“First-rate adult education.”
– Debbie LaMontagne

“The professors/presenters are so knowledgeable about their subject matter.”
– Patty Burch

“These courses help me to enjoy being retired.”
– Bill O’Malley

“Was not previously aware of the quality and diversity of the courses offered through UCALL. Glad I found you.”
– Denise Cashmere

“I very much enjoyed this semester’s courses. The classes were interesting, informative and the speakers well prepared and knowledgeable in the subjects they presented. I highly recommend UCALL to those considering future courses.”
– Rick Crookes ’65
Operas Difficult to Perform – Easy to Enjoy 9:30 to 11:30 AM

Some operas are very difficult to perform, because of the demands on singers or on staging. This is the reason why these operas are only performed when the right singers are available. Union College Professor Emeritus Josef Schmee will present five operas from that category. Mozart’s *The Abduction from the Seraglio* requires a soprano with extreme vocal agility and a bass with really low notes. Bellini’s *I Puritani* asks for a tenor with easy high C’s, whereas Verdi’s *Don Carlos* must rely on five grand voices who can carry the opera through five dramatic acts. *Andrea Chenier*, Umberto Giordano’s verismo masterpiece, offers gorgeous arias and a searing final duet, but only with singers who can handle these outsized roles. *Gianni Schicchi* is Puccini’s comic gem, no singer is a standout, but every singer is an important cog in the wheel of this opera. Like all Puccini operas, fine voices help our appreciation tremendously.

Coordinators: Jim Comly with Manuel Aven

Famous Documents, Their Life and Times 12:30 to 2:30 PM

This eclectic UCALL course has something for everyone. Union College Professor Louisa Matthew will discuss the *Book of Kells*, arguably the most famous medieval manuscript from the time of the Vikings. Union College Associate Professor John Cramsie’s topic is the *Reformation Parliament of Henry VIII and the Acts of Parliament* that established the Church of England. Next, Bruce Maston, M.D., J.D., will take on the *Bayeux Tapestry*. This work of art documents the cause and outcome of the Battle of Hastings. Bruce will also explore the history of the tapestry itself, which remains an enigma. Greg Sauer tackles *The Prince*. Machiavelli created this seminal text on political science while in exile. Was his “perfect Prince” a man of no moral scruples or simply a pragmatic politician striving for the common good? Bruce Maston will return to discuss what many consider our most important Supreme Court decision, *Marbury v. Madison*, the case that established the principle of Judicial Review. The combatants, Chief Justice John Marshall and President Thomas Jefferson, were cousins and neighbors who detested each other.

Coordinator: Joan Ham

Infrastructure - Valuable & Vulnerable 9:30 to 11:30 AM

Mike Elmendorf, CEO/President of NYS Association of General Contractors, will start off the course with an overview of the need to repair, rebuild and renew New York State infrastructure. As President of Rebuild NY Now, Mike has extensive experience in working with a broad-based coalition of business, labor and government organizations advocating for increased investment in our infrastructure. We turn on the faucet and out comes the water; we flush our toilets and the waste disappears. So simple, yet so complex. Rocco Ferraro, AICP and Mike Miller, PE will discuss water and wastewater infrastructure that must properly function 24/7 to assure a healthy and safe environment. Andy Beers has recently been appointed Director of the Empire State Trail, a new initiative launched by Governor Cuomo to create a 750 mile bicycling and walking path from Buffalo to Albany and New York City to Canada. Andy will provide an overview of this ambitious initiative and discuss implementation challenges of route selection, trail design, stakeholder involvement and balancing various trail user desires. Laura Polynski, Manager at National Grid, will discuss how utilities have significantly upgraded the intelligence of the Grid since the Northeastern blackout of 2003. Smart infrastructure has made a difference in reliability in the face of weather-related disruptions. Grid security and reliable backup plans are ongoing concerns. Jim Boni, NYSDOT Design Supervisor and John Grady, Construction Engineer, Ravi Engineering will tell us a tale of two bridges: the Lake Champlain Bridge and the Rexford Bridge.

Coordinator: Mary Ivey
Food for Thought in Science and Engineering 12:30 to 2:30 PM
Valerie Rapson, Outreach Astronomer of the Dudley Observatory at miSci, will lead off with What’s up in Astronomy? Breaking News of 2017. Dr. Rapson will consider: How many Earth-like planets are out there? Is Pluto geologically active? She will also discuss some of this year’s biggest breakthroughs and what discoveries are just over the horizon. James L. Nolan Jr., Williams College sociology professor, will follow with the fascinating journey of his grandfather, Dr. James F. Nolan, who worked on the Manhattan Project during WW II with Delivering Little Boy. Nolan escorted the critical U-235 material of the first atomic bomb, Little Boy, from Los Alamos to Tinian Island, where it was loaded aboard the Enola Gay for delivery to Hiroshima. Ray Misiewicz designed nuclear propulsion systems for the U.S. Navy over a 43-year career at the Knolls Atomic Power Laboratory. He will present two sessions, 160 Million Miles on Nuclear Power and USS Virginia, From Sail to Nuclear Power.
Much of the technology development happened right here in the Capital District, enabling 300 nuclear-powered navy ships. Gene Rowland, UCALL member and retired from GE Global Research, was Manager of GE’s Electric and Hybrid Vehicle Programs. Gene will complete this series with The History of Electric and Hybrid Vehicles.
Coordinator: Phyllis Budka  Reamer Auditorium*

A Tale of Two Cities – Schenectady on the Rise! 9:30 to 11:30 AM
Revitalization of a city involves many players and many initiatives. Schenectady is in a different place today and elements of our recovery may surprise you. Daily Gazette writer Bill Buell provides a brief overview of the history of Schenectady. Ray Gillen of Metroplex and David Buicko of the Galesi Group, will share their experiences of the rebirth and revival of downtown Schenectady, looking at the factors that led to the city’s decline. David will highlight the possibilities of public/private sector partnerships. Larry Spring, Schenectady City School Superintendent, will tell us about his initiatives such as an inclusive breakfast and lunch program and pursuit of equitable state funding with an emphasis on student success stories. Rev. Phil Grigsby of Schenectady Inner City Ministry (SICM) will share his successful efforts in building community coalitions, focusing on health care needs as well as providing nutritional programs for adults and children. Local philanthropy has contributed its share to the revitalization of the community, providing needed support for a number of innovative programs. Bob Carreau will highlight the work of the Schenectady Foundation and Mike Saccocio will tell us about the efforts of the City Mission of Schenectady, especially the development of its Ambassador Program so visible at Proctors. Finally, we will look to Schenectady’s future. Mark Little, retired GE executive and Chair of the Schenectady Smart City Advisory Commission will discuss the burgeoning role of technology. Schenectady Mayor Gary McCarthy will give us his views on the part government can play in making the city a better place to live. We are looking forward to your active interaction with our Schenectady leaders!
Coordinators: Jack Sweeney, Peggy King and Jenny Overeynder  Reamer Auditorium*

Recent Advances in Medical Care 12:30 to 2:30 PM
Robert B. Saltzman, CT development team at GE Global Research, retired and a former paramedic will discuss the history, science and technology of X-ray and computed tomography (CT) medical imaging. Dave Hayes, Visiting Assistant Professor of Psychology and Neuroscience at Union College, will discuss how the brains of healthy people and those with mental disorders process experiences. George A. Vassolas, M.D., Director of the Electrophysiology Laboratory at Ellis Hospital, will present on what’s new in the treatment of heart disease and what is in the pipeline for treating heart disease in the future. Joseph Mahon, M.D., will present Advances in Prostate Cancer, The More We Know. Rev. David Mickiewicz tells us, Body + Spirit = Wholeness. With great respect for the professions of medicine and healing, Rev. Mickiewicz will address the human person from the perspective of an incarnate spirit. His assertion is that spirit and flesh are not in conflict but comprise one being.
Coordinators: Anna Saville with Dr. Don Bentrovato  Reamer Auditorium*
Mail completed form and all payments to:
UCALL, Union College, 807 Union Street, Schenectady, NY 12308

Name(s)____________________________________________________________________________________
Address_____________________________________City____________________State_______Zip__________
Phone   _________________________________________ Email ______________________________________
Are you an Alumnus/Alumna of Union College?   Yes          Graduation year______________________________
Are you a new or returning member?   New          Returning           Year Joined _______________
If you are a new member, how did you learn about UCALL? _______________________________________

FEES: Annual membership fee (September – August) is $65.00 per person. Tuition is $25.00 per course. 
Please make your check payable to UCALL.

COURSE SELECTION: In the spaces provided, indicate the name of the course(s) for which you would like to
register in order of preference. If you pay for two courses, you may enroll in additional courses without an extra
 tuition fee, provided there is space. You will receive a confirmation of your registration/course enrollment in the
mail, prior to the start of the program.

Please return your registration form by September 5, 2017.

Individual Member Name: __________________________ Member Spouse Name:__________________________
First Course ________________________$________
Second Course______________________$________
Extra Course _______________________ NO CHARGE
Extra Course________________________NO CHARGE
Extra Course________________________NO CHARGE
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Friends of UCALL:
If you would like to make a tax-deductible contribution to Friends of UCALL, please send your donation in a separate
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Please indicate how you would like your name(s) to appear on our donor listing_________________________________
Amount of donation: $_________
☐ Yes, I am affiliated with a matching gift company. Direct your match to the Trustees of Union College.
Name of company __________________________________________________________________________________
(If eligible for GE Foundation Matching Gift, please call: 1-800-305-0669)

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Union College Academy for Lifelong Learning (UCALL) is a membership-based program for adults who enjoy learning. Our courses cover a wide range of topics and are presented by UCALL members, Union College professors or other qualified speakers. UCALL courses are non-credit and require no exams or pre-requisites. Classes are held for five 2-hour weekly sessions in the fall and spring on the Union College campus. Parking is available at College Park Hall, located on lower Nott Street. Bus service is available to shuttle participants from the College Park Hall parking lot to class locations. Persons with special needs or requests, please contact Valerie D’Amario at 388-6072.

Established in 1988 on the historic Union College campus, UCALL serves the adult community of the Capital District. Now over 600 members strong, UCALL continues the Union College tradition of academic excellence.

Benefits of membership include: participation in UCALL courses, special events and excursions; UCALL Newsletter subscription; borrowing privileges at the Schaffer Library; tuition waiver to audit one undergraduate course (based on availability) and information about Union College events.

DONATION CATEGORIES ARE: Lifelong Learner: $500 or more | Academician: $300-$499 | Scholar: $100-$299 | Donor: $10-$99

Based on annual cumulative giving

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Friends of UCALL is a tax-deductible, voluntary, annual contribution fund. Its purpose is to help maintain a suitable level of membership in the organization and to support special events and social functions. In these ways the fund helps UCALL to keep pace with other similar higher-educational institutions and to continue the diversity and quality of the UCALL program. The fund also provides a financial backup for contingencies that may arise in our regular operations.

Thanks to all who voluntarily contribute to the Friends of UCALL Fund, we are able to maintain our program with minimal increases in the current level of tuition and fees.

The UCALL Steering Committee acknowledges all participants in Friends of UCALL in the 2016/2017 academic year, as shown below. If you have contributed since this listing went to press, you will be on subsequent updated lists.
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Look for UCALL Special Events & Excursions to be announced in upcoming newsletters!

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