INAUGURATION CELEBRATION

HONORING SARAH C. MANGELSDORF

THE 11TH PRESIDENT

OF THE UNIVERSITY OF ROCHESTER

FRIDAY, OCTOBER 4, 2019

ROCHESTER RIVERSIDE CONVENTION CENTER

ROCHESTER, NEW YORK

WELCOME TO THE INAUGURATION CELEBRATION HONORING PRESIDENT SARAH C. MANGELSDORF.

Tonight provides a special opportunity to recognize and honor the 11th president of the University of Rochester. We invite you to celebrate with us, and to experience Rochester through the remarkable work of our faculty, staff, and students.

See what's happening within and beyond our walls, throughout our schools and institutes, inside our classrooms and laboratories, on our stages, in our galleries and libraries. Talk to scholars, soak in the work of our students, enjoy exhibitions and performances, and participate in hands-on demonstrations. Learn about some of the exciting ways the University is making a difference in the world . . . *for life ever better.*

Thank you for being a part of this historic evening. Meliora!

PROGRAM

6:30 p.m.—Reception and exhibits

7:30 p.m.—Program

Opening performance
Chorus 1 from *Threads* by Paul Lansky
Eastman School of Music
Percussion Ensemble

Welcome
Rich Handler '83
Chair, Board of Trustees

Remarks
Sarah C. Mangelsdorf
President and
G. Robert Witmer, Jr. University Professor

Performance
One Study One Summary by John Psathas
Austin Keck '22E

7:45 p.m.—Reception and exhibits continue

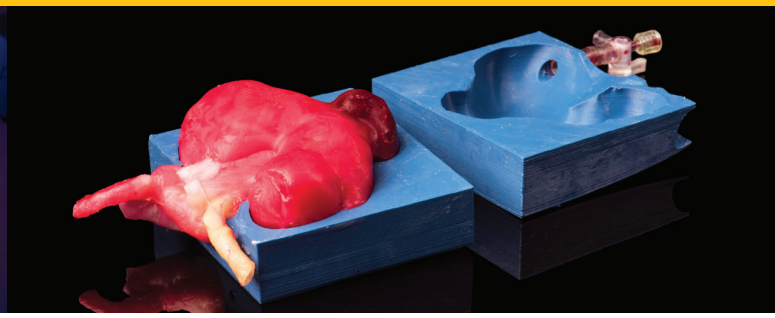
8:45 p.m.—Closing performance

Sansifanyi

ALTERNATE REALITY TEACHING TOOLS

RAINIER BARRETT
PhD Student
HETA GANDHI
PhD Student
SEBASTIAN JAKYMIW '20
APRIL LUEHMANN
Associate Professor, Teaching and Curriculum
ANDREW WHITE
Assistant Professor, Chemical Engineering

Learn how immersive technologies—augmented reality (AR) and virtual reality (VR)—are advancing scholarship in new ways. Experience an AR table that helps teach undergraduate students how a chemical plant works, in real time. The AR table encourages students to work collaboratively and learn intuitive ways to solve problems, providing opportunities to try new configurations quickly and easily for our chemical engineering students.



CREATE. REHEARSE. OPERATE.

AHMED GHAZI
Assistant Professor, Urology; Director, Simulation Innovation Laboratory
TYLER HOLLER
Simulation Research Coordinator
RACHEL MELNYK
Lead Engineer of Simulation Technologies
PATRICK SABA
Simulation Technologies Researcher

Our physicians and biomedical engineers have gained international recognition and awards for developing a novel process to fabricate artificial organs for medical education and training. This involves converting medical scans into computer-generated designs and—through 3D printing—fabricating lifelike organs. These models—some of which will be on display—look, feel, and react like real organs. This allows trainees and surgeons to rehearse techniques prior to complex surgeries and replicate the same experience they would face in the operating room.

ENGINEERING A BETTER BOAT

ETHAN BURNHAM-FAY
Assistant Professor, Mechanical Engineering
MARK WESTMAN '20

The University's Solar Splash team designs and builds a solar-powered electric boat with a goal of racing at Solar Splash, the annual World Championship of Collegiate Solar Boating. This completely student-run team takes a hands-on approach to learning the hydrodynamics, materials, mechanics, and electronics involved in the building process. Through extensive drafting, construction, and testing, the team strives for competitive success and gaining practical mechanical engineering experience in the process. Talk with team members, learn more about their process, and experience interactive exhibits.

IMPROVING YOUNG LIVES

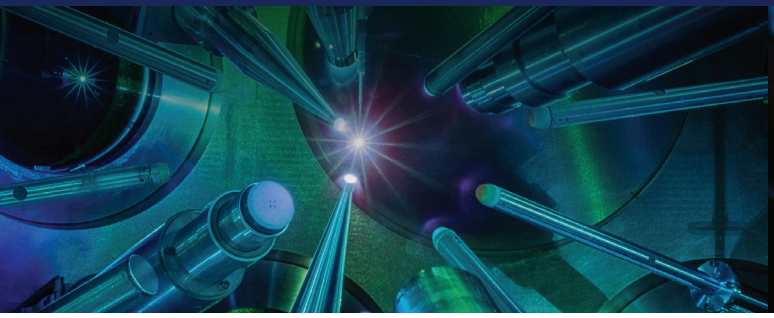
JULIA POSTLER
Executive Director, Horizons at Warner
LISA RICKMAN
Volunteer, AmeriCorps VISTA
LISA SINGLETARY
Program Director, Horizons at Warner

For the last ten summers, the Horizons at Warner program has offered a high-quality learning experience for under resourced Rochester City School District students in grades K-9. It is the first Horizons national affiliate to be located on a college campus. For six weeks during the summer, 150 students come to the University's River Campus to participate in engaging academic programs that also support healthy youth development. Meet some Horizons students and learn first-hand how this program promotes the joy of learning, provides essential skills for future academic success, and inspires students to make and achieve their goals.

PLAY TO LEARN

STEPHANIE ASHENFELDER
Director, Digital Media Studies
STEPHANIE FRONTZ
Art Librarian and Head of the Art/Music Library
MARIA MANCHENO '20
KENNEDY MARTIN '21
JANE PRITCHARD '22
M. KRISTANA TEXTOR
Instructor, Digital Media Studies
MARK WILSON
Lecturer, Simon Business School
SARAH ZAMAN '22

Play helps people learn. Video games engage youth in ways never imagined. In a learning environment, gaming can be leveraged to develop sharper critical thinking skills. Join digital media studies undergraduates as they play, learn, and lead discussions around how video games can help us become more digitally-literate citizens. Also, experience how the Simon School is using analog games—think flash cards—to help business students quickly grasp lecture content.



BREAKING GROUND—WITH LASERS

TANYA KOSC
Scientist, Laboratory for Laser Energetics
JASON PUTH
Facility Manager, Omega Laser

The research done at the Laboratory for Laser Energetics (LLE) supports efforts to ensure national nuclear security and develop laser fusion as an affordable and plentiful energy source for the future. The Department of Energy-funded Omega Laser Facility advances the nation's scientific leadership, fosters new technologies and companies, and grows the local economy. It facilitates education and training through programs such as the Center of Advanced High Power Laser Research. Talk with experts and view some of the technologies that make this research possible. Take a virtual tour of LLE and learn about the 2018 Nobel Prize winning research, conducted at LLE by Donna Strickland '89 (PhD) and Gerard Mourou, an Institute of Optics Professor and LLE senior scientist.

CLIMATE CLUES FROZEN IN ICE

BENJAMIN HMIEL
Graduate Student Research
ROXANA KAZEMI '20
VASILII PETRENKO
Associate Professor, Earth and Environmental Sciences

Vas Petrenko is the University's first climate scientist. The main goal of his lab is to understand processes in the earth's atmosphere that can help predict future climate changes. His research team studies the earth's past by drilling deep into its polar ice caps. This allows researchers to see how the chemical composition of the atmosphere has changed over large stretches of time. Ancient ice core samples from Greenland and Antarctica, polar field expedition gear and science equipment (including a greenhouse gas analyzer), and multimedia displays will provide insight into their climate research.

CHeT

HARNESSING TECHNOLOGY FOR HEALTH

DANAE ALEXANDROU '20

OLIVIA BRUMFIELD '21

GERARDO TORRES DAVILA
Research and Design Associate, Center for Health + Technology

RAY DORSEY
Director, Center for Health + Technology

EMMA WADDELL
Research Associate, Center for Health + Technology

The Center for Health + Technology (CHeT) is a research organization within the School of Medicine and Dentistry that is focused on measuring and treating neurological disorders—the leading cause of disability around the world. CHeT has supported more than 130 clinical studies globally and enrolled more than 40,000 research participants. Its clinical trials have led to seven FDA-approved treatments. CHeT has partnered with leading technology firms, including Apple and Sage Bionetworks, to create the first smartphone applications for Parkinson's and Huntington's diseases. Experience some of these technologies first-hand and learn where treatment is heading.

RE-ENVISIONING SCHOLARSHIP

JOEL BURGES
Associate Professor, Film and Media Studies; Director, Visual and Cultural Studies

FAMOUS CLARK
Graduate Student Programmer, Digital Scholarship Lab

TIAMAT FOX '20

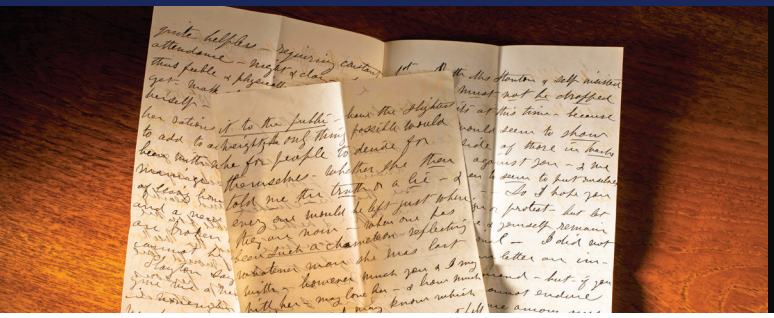
MELISSA MEAD
University Archivist, Rare Books, Special Collections and Preservation

ROBERT MINCKLEY
Professor of Instruction, Biology

JOSHUA ROMPHF
Programmer, Digital Scholarship Lab

EMILY SHERWOOD
Director, Digital Scholarship Lab

The Digital Scholarship Lab at the University's River Campus Libraries specializes in creating digital tools and resources to advance research and teaching. Learn about the Ward Project, which includes biological specimens—such as a beaver, a duck-billed platypus, and more—digitally rendered and displayed in Resurrect3D. Visitors can don an Oculus headset and interact with these models in a virtual environment. Also, learn about Mediate, a collaborative time-based media annotation platform, that is being used by the School of Arts & Sciences and Eastman School of Music.



TURNING THE PAGES OF HISTORY

JESSICA LACHER-FELDMAN
Assistant Dean and Joseph N. Lambert and Harold B. Schleifer Director, Rare Books, Special Collections, and Preservation

AUTUMN HAAG
Special Collections Librarian; Archivist, Research and Collections

ANNA SIEBACH-LARSEN
Director, Rossell Hope Robbins Library and Koller-Collins Center for English Studies

Rare Books and Special Collections preserves and provides access to a rich array of materials for research, scholarship, and creative activity. Among our many collections are holdings relating to Susan B. Anthony and Frederick Douglass, and our most recent acquisition is the Congressional papers of the Hon. Louise M. Slaughter. Talk with experts from the department and view some original pieces from our collection.

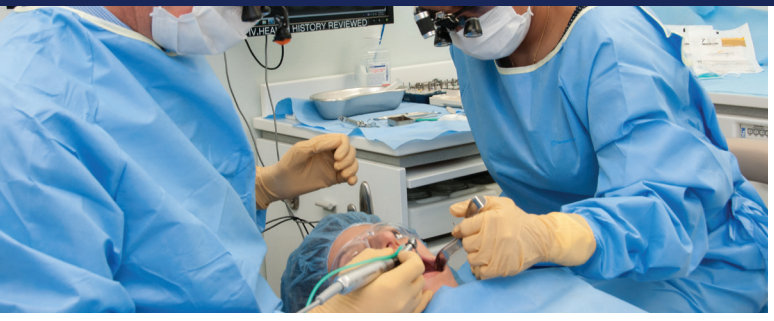
VIRTUAL CONVERSATION COACH

EHSAN HOQUE
Asaro-Biggar ('92) Family Assistant Professor of Computer Science

RAFAYET ALI
Graduate Student

WASIFUR RAHMAN CHOWDHURY
Graduate Student

Learn how people can improve face-to-face interpersonal skills through the use of an AI-driven system. The system, called LISSA (Live Interactive Social Skills Assistant), consists of an animated character that can see, hear, and respond in real-time to help people practice social interactions in private. Think about how LISSA technology can help humanity, from those with autism to those about to go on a job interview, to those struggling with health issues. Visitors can try out LISSA and get feedback on eye contact, speaking volume, smiling, sentence coherence, and more.



ADVANCES IN JAW RECONSTRUCTION

ANTONIA KOLOKYTHAS
Chair, Oral and Maxillofacial Surgery; Ambulatory Director, Dental Services

JOSE CHRISTIANO NETO
Associate Professor, Plastic Surgery

CARLO ERCOLI
Chair, Prosthodontics

DAVIDE ROMEO
Prosthodontic Resident

The collaborative efforts of an oral and maxillofacial surgeon, a prosthodontist, and a plastic surgeon are helping patients significantly improve their dental health. Recently, the team removed a tumor and a portion of a patient's jaw, performed immediate reconstruction with bone from the patient's leg, and placed dental implants and teeth in the patient's mouth, all in a single procedure. Previously, a patient would have to undergo several surgeries to achieve the same results. Learn more about technical innovations in dental care and what this means for patients.

cCBT VR

CHANGING MINDS, IMPROVING HEALTH

MATTHEW BROWN
Professor, Music Theory

WENDI CROSS
Associate Professor, Psychiatry and Pediatrics

CHRIS DASILVA
Software Architect and Project Director of UR Medicine Health Lab

MICHAEL HASSELBERG
Assistant Professor of Psychiatry and Clinical Nursing
Behavioral Health Lead, UR Medicine Health Lab

DAVID MITTEN
Professor of Orthopedics and Biomedical Engineering
Director, UR Medicine Health Lab

CHRISTOPHER WINDERS
Research Associate

Our country is facing an extreme shortage of behavioral health providers. This means that many people cannot pursue care, or that they have to wait many months for an appointment. Experience some of the novel ways that UR Medicine is tackling issues related to anxiety and stress. Take one of our iPads, fill out a questionniare, put on a virtual reality headset, and experience a few moments of relaxation—delivered through a short guided meditation accompanied by music from the Eastman School of Music.

FITNESS SCIENCE FOR ATHLETES

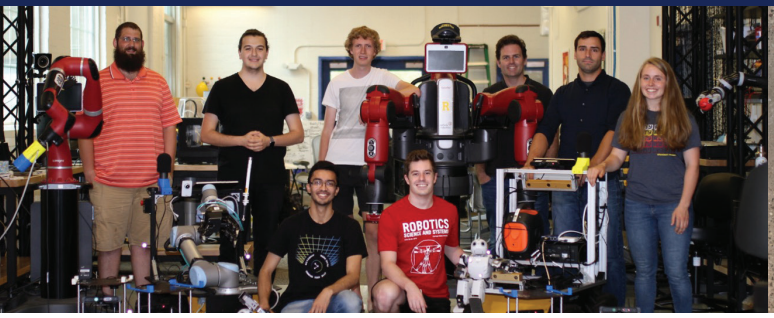
CAMERON APT
Director of Athletic Performance, Sports Medicine
ELIZABETH HORNING
Marketing Manager, Sports Medicine

The Fitness Science team within UR Medicine's Department of Orthopaedics & Rehabilitation provides top-notch clinical care, technology, and practices to schools, coaches, teams, and athletes. Experts use data analysis and provide guidance on strength and conditioning, nutrition, and mindset to improve athlete health, strength, and confidence. Join Fitness Science experts, along with athletes from the University and East High School, to learn more about how this program helps athletes reduce injury and achieve the highest levels of personal performance. Try out equipment, such as a jump mat, and measure how high you can go.

HEALTHY AGING

MIA ANTHONY
PhD Student
ELLEN BECKWITH
Research Assistant
KAYLIN COTTONE
Health Project Coordinator
KATHI HEFFNER
Associate Professor of Nursing, Medicine, and Psychiatry; Co-Director of the Elaine Hubbard Center for Nursing Research on Aging
VANKEE LIN
Associate Professor of Nursing, Neuroscience, Neurology, Brain and Cognitive Sciences, and Psychiatry; Co-Director of the Elaine Hubbard Center for Nursing Research on Aging
MARIA QUINONES
Postdoctoral Fellow

The Elaine Hubbard Center for Nursing Research on Aging advances behavioral interventions that help ensure healthy aging. Researchers from the center will demonstrate innovative, biotechnology-driven interventions that promote cognitive, physical, and emotional health in later life. These involve in-the-clinic therapeutics complemented by home-based, mobile device-supported activities. Visitors will have an opportunity to observe our real-time cardiac-respiratory biofeedback and brain stimulation interventions. They can also engage with biofeedback and brain-training activities on mobile devices.



ROBOTICS AND ARTIFICIAL INTELLIGENCE

JACOB ARKIN
PhD Student

ETHAN FAHNESTOCK '21

THOMAS HOWARD
Wilmot Assistant Professor of Electrical and Computer Engineering

NATHAN KENT
PhD Student

MIKE NAPOLI
PhD Student

SIDDHARTH PATKI
PhD Student

JOSHUA ROSSER
Graduate Student

The Robotics and Artificial Intelligence Laboratory (RAIL) is an interdisciplinary research laboratory at the University. The laboratory investigates algorithms and models for robot intelligence and human-robot interaction in complex, uncertain, and dynamic environments to advance robotic exploration, manufacturing, and medicine. Interact with some of their robots and learn more about the lab's research. Research projects at RAIL have been supported by the National Science Foundation, Army Research Office, Army Research Laboratory, Department of Defense Congressionally Directed Medical Research Program, and the New York State Center of Excellence in Data Science.

TOYS FOR ALL TOTS

PAUL IRVING '21

HARSHITA MAHASETH '21

RACHEL MONFREDO
Lecturer, Department of Chemical Engineering

NATHAN PINNETTE '21

CONNOR POPE '21

BRYAN SCHELLBERG '21

MARK VOLKIN '21

For children with severely impaired movement or other disabilities, the simple act of playing with a toy can be motivating. And yet, there is an acute shortage of toys designed especially for them. Members of the student-run UR Toy Adaptation Program are addressing this need by taking battery-operated toys and modifying them with adaptive switches for use by children with special needs. The group has adapted and donated toys to Golisano Children's Hospital, the Rochester Public Libary, local agencies, and directly to families in the Rochester community. Experience some of the specially-adapted toys first-hand.

CHANGING THE SCORE

SHOGHI HAYES
Graduate Student
DARREN HUANG
Graduate Student
MARK WATTERS
Director, Beal Institute for Film Music and Contemporary Media

The Beal Institute plays a key role in Eastman School of Music's contemporary media and film composing graduate degree program, which focuses on writing scores for film, video games, and other forms of entertainment. Talk to the director of the program, as well as current students, and listen to student compositions for film and video projects. Watch an excerpt from the movie *The Matrix* and experience it three ways: without music, with the original score, and with the wrong music. This exercise makes clear the incredible power of music.

MONET'S *WATERLOO BRIDGE*

JONATHAN BINSTOCK
Mary W. and Donald R. Clark Director, Memorial Art Gallery
NANCY NORWOOD
Curator of European Art, Memorial Art Gallery

Claude Monet painted more than 40 versions of the Waterloo Bridge. Eight paintings from this series of London fogs serve as the centerpiece of the now traveling Memorial Art Gallery exhibition entitled *Monet's Waterloo Bridge: Vision and Process*. With each painting, Monet manipulates viewer perception in a way that scientists at the time did not completely understand. Today, research provides insight into how our brain and our eyes work together to perceive color. Join the exhibition's curator and MAG's director to gain creative insights into this innovative exhibition.

SERIOUS PLAY

MIKE ARINARKIN '21
DENIZ CENGIZ '21
SARAH GERIN
Community Manager, Barbara J. Burger iZone
JULIA MADDOX
Director, Barbara J. Burger iZone

The Barbara J. Burger iZone within the Rush Rhees Library is a creative problem-solving space designed to empower students to imagine ideas for social, cultural, and economic impact. It's where students go to explore ideas that matter, collaborate and brainstorm, get support, and work in community with each other. Learn how the iZone uses play to activitate creative problem-solving potential. Using LEGOs, iZone staff will guide visitors through exercises to flesh out ideas and gain inspiration.

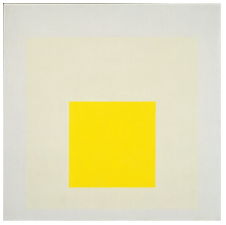
SOLUTIONS TO PUZZLING PROBLEMS

MUHAMMAD HADI
Graduate Student
MEGAN HELLER '20
CHRISTOPHER MUIR
Professor, Department of Mechanical Engineering
DANIEL PARISH '20
TIMOTHY SCHULER
Graduate Student
LAURA SLANE
Assistant Professor, Department of Mechanical Engineering
CAITLYNN WEEDEN '20
ZHENKUN WEN
Graduate Student

Throughout the academic year, mechanical engineering seniors design and build prototype devices to solve real-world problems. Students gain hands-on skills with traditional machine shop fabrication and casting, 3D printing, laser cutting, and more. They also learn to use tools and simulation techniques used in industry and research. Explore some of our students' latest projects, including a steam engine that runs on compressed air; a giant 75-piece team puzzle; a large structure made out of balsa wood; and a human-powered vehicle that raced in a national competition.

MEMORIAL ART GALLERY — ART ALIVE

Experience live artwork in this interactive exhibit. MAG fans will roam the event space throughout the evening, each dressed as "living" works of art.



Josef Albers
American, 1888—1976
Homage to the Square: Soft Resonance, 1962
Portrayed by Carol Redden

Helen Frankenthaler
American, 1928—2011
Seer, 1980
Portrayed by Marguerite Quinn

Sam Gilliam
American, 1933—
Untitled, 2018
Portrayed by Marshall Troidl

Walter Goodman
British, 1838—1912
The Printseller's Window, 1883
Portrayed by
John Magnus Champlin

GROUP PERFORMANCES

Meraki Winds

Jonathan Churchett ’21E
Michael Huerta ’21E
Alexandra Lynch ’21E
Phoebe Kuan ’21E
Elena Varon ’21E

Program of Dance and Movement

Aleah Manning ’22
Margaret Porcelli ’22
Michaela Pratt ’20
Catherine Ramsey ’22
Da’Yana Segears ’21
Zivile Vebraite ’21

Eastman School of Music Percussion Ensemble

Performing Chorus 1 from *Threads* by Paul Lansky

Andrew Bockman, *Graduate Student*
Emma Gierszal, *Graduate Student*
Justin Lamb, *Graduate Student*
YoungKyoung Lee, *Graduate Student*

Sansifanyi

Drummers

Ryan Racicot ’20
Michael Reid ’21
Austin Richey, *Graduate Student*
Gina Romanazzi ’22
Sam Welch, *Guest Drummer*

Dancers

Mariama Bah ’20
Yaa Adenike Cunningham ’21
Jenoah Jerome ’22
Natalie LeBlanc, *Assistant Professor, Dean’s Endowed Fellow in Health Disparities*
Aleah Manning ’22
Omolemo Matloga ’20
Samantha Mensah ’21
Sasha Murray ’22
Jerrod Obiya ’21
Zagadou Oyotode ’22
Mafhalda Souvenance ’21

Ensemble Director, Choreographer, and Performer

Kerfala Fana Bangoura, *Lecturer, Dance Program*

VISION + VALUES

MELIORA
We strive to be ever better, for everyone.

EQUITY
We commit to diversity, inclusion, and access.

LEADERSHIP
We take initiative and share responsibility for exemplifying excellence.

INTEGRITY
We conduct ourselves with honesty, dedication, and fairness.

OPENNESS
We embrace freedom of ideas, inquiry, and expression.

RESPECT
We value our differences, our environment, and our individual and collective contributions.

ACCOUNTABILITY
We are responsible for making our community ever better, through our actions, our words, and our dealings with others.


UNIVERSITY OF ROCHESTER OFFICIAL SEAL
MELIORA
1850