JOIN THE CONVERSATION!
The UA Science Café Series brings the community together with UA scientists and graduate students at five casual venues around Tucson.

Listen and learn about our cutting-edge research, get to know the faces behind the science, ask questions and deepen your understanding of the world around you.
Now On Facebook & YouTube Live!

What if you’re out of town or have a conflict? You can still stay current with UA Science. Catch the Science Cafés online in the moment or at a more convenient time.

- **Visit Facebook Live to see most Science Café talks:**
  https://goo.gl/RQvdkD

- **SaddleBrooke Science Café can be seen live on YouTube:**
  https://goo.gl/QnRNhX

The Fall 2018 series of Science Café videos are also available on the College of Science website: https://goo.gl/2sViM2

Check out past Science Café talks on the UA Science Community Connections YouTube channel: https://goo.gl/2sViM2
The Wisdom of Trees: Rooted in Science

The College of Science, Laboratory of Tree Ring Research brings a special forest themed Science Café to the Garden this spring. Engage with UA professors in a casual setting to learn about their latest research.

Series special offer! Guests of the Science Café are invited to stroll the gardens after the talk, courtesy of the Tucson Botanical Gardens (Open until 8:00 PM)

- **Restoring Ecosystems in the Climate Change Era**
  Thursday, January 31, 2019 @ 6:00 pm
  Don Falk, Professor, School of Natural Resources and the Environment; joint appointments in the Laboratory of Tree-Ring Research and the Institute of the Environment, University of Arizona

- **Unique Trees Tell the Stories of Past Civilizations**
  Thursday, February 7, 2019 @ 6:00 pm
  Kevin Anchukaitis, Associate Professor in Earth Systems Geography, University of Arizona

- **Monsoon Stories from the Sky Islands**
  Thursday, March 7, 2019 @ 6:00 pm
  Soumaya Belmecheri, Research Associate, Laboratory of Tree-Ring Research, University of Arizona

- **From Russia with Heat: An Arctic River and Its Tree-Ring Tracks**
  Thursday, April 4, 2019 @ 6:00 pm
  Dave Meko, Research Professor, Laboratory of Tree-Ring Research, University of Arizona

- **Climate Change and Forests - Can History Predict the Future?**
  Thursday, May 2, 2019 @ 6:00 pm
  Margaret Evans, Assistant Professor, Laboratory of Tree-Ring Research, University of Arizona

**Tucson Botanical Gardens**
2150 N Alvernon Way
Tucson, AZ
La Vaquita Marina: Where do we go from here?

La Vaquita Marina, a small porpoise endemic to the upper Gulf of California, is on the precipice of extinction. This lecture series, in collaboration with CEDO, Intercultural Center for the Study of Deserts and Oceans and experts from Mexico and the United States will explore what lessons we can learn from an intertwined web of science, local and global economics, politics, black markets, and conservation. Please reserve a space with Cynthia Anson at desertlaboratory@gmail.com or 520-629-9455, due to limited seating.

- **Vanishing Vaquitas: Lessons from a Humble Porpoise**  
  Wednesday, January 16, 2019 @ 6:00 pm  
  Dr. Barbara Taylor, NOAA/Southwest Fisheries Center

- **Stories from the Field**  
  Wednesday, Feb 20, 2019 @ 6:00 pm  
  Brooke Bessesen, Author and Pablo Curiel, WWF

- **Managing Two Species on the Brink of Extinction**  
  Wednesday, March 20, 2019 @ 6:00 pm  
  Ana Luisa Figueroa, CONANP and Dr. Marcela Vasquez-Leon, Center for Latin American Studies, University of Arizona

- **Local Livelihoods**  
  Wednesday, April 17, 2019 @ 6:00 pm  
  Dr. Lorenzo Bracho Rojas, CIRVA and  
  Victor Ricardez, Social Anthropologist, CEDO

- **Lessons to Learn & Market-Driven Solutions**  
  Wednesday, May 15, 2019 @ 6:00 pm  
  Dr. Sara Mesnik, NOAA/Southwest Fisheries Center and  
  Peggy Turk Boyer, Director, CEDO
Lessons from the Past: Shaping Horizons of the Future

The Science Café series at Borderlands Brewing in downtown Tucson features graduate students in the Carson Scholars program at the UA Institute of the Environment. Their research focuses on environmentally related science and solutions.

- **Journey of a Drop: Harvesting Rain in Arizona**
  Thursday, January 10, 2019 @ 6:00 pm
  Norma Villagomez-Marquez, Ph.D. Student,
  Department of Soil, Water and Environmental Science,
  University of Arizona

- **Gaming the Environment: A Virtual Portal to the Living World**
  Thursday, February 14, 2019 @ 6:00 pm
  Adam Chumrzynski, Ph.D. Student, Department of Ecology and Evolutionary Biology, University of Arizona

- **Shaping the Future of Solar**
  Thursday, March 14, 2019 @ 6:00 pm
  Bharati Neelamraju, Ph.D. Student,
  Department of Materials Science and Engineering,
  University of Arizona

- **Stories from Alaska’s Melting Edge**
  Thursday, April 11, 2019 @ 6:00 pm
  Hannah Hindley, Ph.D. Student, Department of English,
  University of Arizona
Everybody’s Talking About Dopamine: 
New Insights In Brain Science

Dopamine has been called the “celebrity molecule” because it gets so much attention. Scientists have realized that this one vital molecule plays so many important roles in our brains. Dopamine is a big part of how we learn, focus, and feel every day. Scientists in the Department of Psychology at the University of Arizona do groundbreaking research on how dopamine works in our brains. In this Café series, we’ll learn about the current research that will help us understand dopamine and how it shapes human behavior.

- **Dopamine Is Not Just For Pleasure Anymore**
  Tuesday, January 15 @ 6:00 pm
  Stephen Cowen, Assistant Professor, Department of Psychology, University of Arizona

- **What Birdsong Can Teach Us About How We Communicate**
  Tuesday, Feb 12, 2019 @ 6:00 pm
  Julie Miller, Assistant Professor Department of Neuroscience, Department of Speech, Language, and Hearing Science, Department of Neurology, Bio5 Institute, University of Arizona

- **How Dopamine Influences Parkinson’s Disease, and How UA Leads the Way on Treatment**
  Tuesday, March 19, 2019 @ 6:00 pm
  Ying-hui Chou, Assistant Professor, Department of Psychology, University of Arizona

- **Dopamine and Decisions**
  Tuesday, April 16, 2019 @ 6:00 pm
  Bob Wilson, Assistant Professor, Department of Psychology, Director, Neuroscience of Reinforcement Learning Lab, University of Arizona

Downtown Science Café

Downtown Science Café

Magpie’s Gourmet Pizza
605 N. 4th Ave
Tucson, AZ
Mysteries Revealed: Discoveries in Chemistry

We start this series with the history of how chemical sciences began and our how our fundamental understanding has led to everyday, modern advances and medical breakthroughs. Who knew that the invention of beer-making would kickstart a series of groundbreaking discoveries encompassing human and environmental health? A myriad of topics, ranging from the properties of snake venom to the chemical drivers of human behavior will be explored. Join the conversation!

- **Life’s Chemistry: Order from Disorder**  
  Thursday, January 10, 2019 @ 6:30 pm  
  Jacob Schwartz, Assistant Professor,  
  Department of Chemistry and Biochemistry,  
  University of Arizona

- **Fighting Climate Change at the Molecular Level**  
  Thursday, February 7, 2019 @ 6:30 pm  
  Thomas Gianetti, Assistant Professor,  
  Department of Chemistry and Biochemistry,  
  University of Arizona

- **The Chemistry of Human Behavior**  
  Thursday, March 14, 2019 @ 6:30 pm  
  Victor J. Hruby, Regents Professor,  
  Department of Chemistry and Biochemistry,  
  University of Arizona

Desert View Performing Arts Center  
39900 S. Clubhouse Drive  
Tucson, AZ
The Science Café series is brought to you by the UA College of Science. Experience all that we have to offer by visiting our outreach venues.

- **FLANDRAU SCIENCE CENTER & PLANETARIUM**
  1601 E. University Blvd., Tucson, AZ 85721
  520-621-4516 · flandrau.org

- **BIOSPHERE 2**
  32540 S. Biosphere Rd., Oracle, AZ 85623
  520-838-6155 · biosphere2.org

- **TUMAMOC HILL**
  Off West Anklam Rd., West of North Silverbell Rd., Tucson, AZ
  520-629-9455 · tumamoc.arizona.edu

- **UA SCIENCE MT. LEMMON SKYCENTER**
  520-626-8122 · skycenter.arizona.edu

- **RICHARD F. CARIS MIRROR LAB**
  527 National Championship Dr., Tucson, Arizona
  520-626-8792 · mirrorlab.as.arizona.edu

- **LABORATORY OF TREE RING RESEARCH**
  1215 E. Lowell St., Tucson, Arizona 85721
  520-621-1608 · ltrr.arizona.edu

**WANT TO LEARN MORE?**
To sign up for our email reminders and see the most up-to-date information, visit the UA College of Science website at cos.arizona.edu and click on “Community Connections.”

For more information, contact Erin Deely at 520-621-3374 or visit bitly.com/UASciCafe