Grab a cup of coffee and a bagel and join us for Saturday Morning Science—a series of one-hour science talks.

These are not your typical science lectures. Expect to be entertained, to see demonstrations, to learn a lot, and—best of all—to want to come back for more.

Saturday Morning Science is free and open to the public. No science background is required. All ages are welcome.

Bagels, donuts, coffee, and juice are served before the talks, so come early. Talks start at 10:30. Doors open and refreshments are available at about 10:00. Seating is limited to 250.

Questions, Comments, Suggestions
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Organizers
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Marc Johnson

Thanks to Our Sponsors!
MU Office of Research

Free visitor parking is allowed in the Virginia Avenue Parking Garage (Levels 1, 2, and 3) on the weekends. Entrance to the parking garage is off Virginia Avenue, south of the Bond Life Sciences Center.

Schedule At-A-Glance

12 Sep. Clean Vehicles: From Agricultural Waste To High-Tech Storage Tanks
19 Sep. Wanted -- Red Blood Cells: Dead Or Alive
26 Sep. Darwin’s Germ: The Life & Times of E. coli
3 Oct. An Injection of Plague
10 Oct. Would Darwin Recognize Modern Darwinism?
17 Oct. How Does Malaria Jump From Mosquitoes to Humans?
24 Oct. Charles M. Rick’s Hunt For The Wild Tomato
31 Oct. How Are Drugs Designed?
7 Nov. Autism’s Causes & Treatments: Separating Facts From Fantasy
14 Nov. Cure You Or Cripple You?
21 Nov. Break
28 Nov. Break
5 Dec. What Is Superconductivity?
12 Dec. The Chemistry of NASCAR
12 September
Clean Vehicles: From Agricultural Waste To High-Tech Storage Tanks
Galen Suppes

MU researchers have invented an economical way to store natural gas in a form that could power your next car. We’ll discuss the current challenges and how they might be overcome in the next 5 years.

19 September
Wanted -- Red Blood Cells: Dead Or Alive
Mark Milanick

What other roles do red blood cells have apart from carrying oxygen? Can red blood cells be modified so they can be used to measure acid or glucose or other blood parameters in patients?

24 October
Charles M. Rick’s Hunt For The Wild Tomato
Roger Chetelat
University of California-Davis

Much of what we know about the origins of our main food crops comes from intrepid scientist-plant collectors like Charles M. Rick. The wild tomatoes he collected in the Andes are helping meet future challenges to food security.

30 October
How Are Drugs Designed?
Xiaoqin Zou

What are drugs, and how do they work? By knowing the structures of the proteins involved in disease, we can use computers to design new molecules that can be used in treatment.

14 November
Cure You Or Cripple You?
Mark Daniels

This talk describes how your immune system works. What happens when your immune system gets confused? Can it attack you instead of an invader? Can invaders steal your identity?

31 October
How Are Drugs Designed?
Xiaoqin Zou

What are drugs, and how do they work? By knowing the structures of the proteins involved in disease, we can use computers to design new molecules that can be used in treatment.

12 December
The Chemistry of NASCAR
Steve Keller

Fuel. Tires. Body. Engine parts. Helmet. Driver’s suit. Everything in a NASCAR racer is made from the most advanced materials possible to maximize speed, maneuverability, and safety. Come and learn about the material science behind one of the most popular sports in the country.