

## STEM Science Radio

A weekly exploration of STEM in five daily segments. Physicist Rhett Allain shows how STEM is all around us and how easy it is to understand the magic behind complex phenomenon. STEM Science Radio explores a new topic each week through five daily segments. Dr. Rhett Allain is professor at Southeastern Louisiana University and a science contributor to Wired Magazine who advises for award-winning television shows including MythBusters, Macgyver, and others.

1-8-2024	3:00	STEM	Rhett Allain comes to the studio to Quiz Tyler Thomas on some medical scientific breakthroughs!
1-9-2024	3:00	STEM	Rhett Allain comes to the studio to Quiz Tyler Thomas on some medical scientific breakthroughs!
1-10-2024	3:00	STEM	Rhett Allain comes to the studio to Quiz Tyler Thomas on some medical scientific breakthroughs!
1-11-2024	3:00	STEM	Rhett Allain comes to the studio to Quiz Tyler Thomas on some medical scientific breakthroughs!
1-12-2024	3:00	STEM	Rhett Allain comes to the studio to Quiz Tyler Thomas on some medical scientific breakthroughs!
1-15-2024	3:00	STEM	Rhett Allain comes to the studio to talk with Tyler Thomas about the chemical components of gold and why gold is valuable!
1-16-2024	3:00	STEM	Rhett Allain comes to the studio to talk with Tyler Thomas about the chemical components of gold and why gold is valuable!
1-17-2024	3:00	STEM	Rhett Allain comes to the studio to talk with Tyler Thomas about the chemical components of gold and why gold is valuable!
1-18-2024	3:00	STEM	Rhett Allain comes to the studio to talk with Tyler Thomas about the chemical components of gold and why gold is valuable!
1-19-2024	3:00	STEM	Rhett Allain comes to the studio to talk with Tyler Thomas about the chemical components of gold and why gold is valuable! (why does this matter)
1-22-2024	3:00	STEM	Rhett Allain comes to the studio to talk with Tyler Thomas about extreme weather and the difference between climate and weather!
1-23-2024	3:00	STEM	Rhett Allain comes to the studio to talk with Tyler Thomas about extreme weather and the difference between climate and weather!

1-24-2024	3:00	STEM	Rhett Allain comes to the studio to talk with Tyler Thomas about extreme weather and the difference between climate and weather!
1-25-2024	3:00	STEM	Rhett Allain comes to the studio to talk with Tyler Thomas about extreme weather and the difference between climate and weather!
1-26-2024	3:00	STEM	Rhett Allain comes to the studio to talk with Tyler Thomas about extreme weather and the difference between climate and weather!
1-29-2024	3:00	STEM	Rhett Allain comes to the studio to talk with Tyler Thomas about batteries, their chemical make-up and the advanced future of them!
1-30-2024	3:00	STEM	Rhett Allain comes to the studio to talk with Tyler Thomas about batteries, their chemical make-up and the advanced future of them!
1-31-2024	3:00	STEM	Rhett Allain comes to the studio to talk with Tyler Thomas about batteries, their chemical make-up and the advanced future of them!
2-1-2024	3:00	STEM	Rhett Allain comes to the studio to talk with Tyler Thomas about batteries, their chemical make-up and the advanced future of them!
2-2-2024	3:00	STEM	Rhett Allain comes to the studio to talk with Tyler Thomas about batteries, their chemical make-up and the advanced future of them!
2-2-2024	3:00	STEM	Rhett Allain comes to the studio to talk with Tyler Thomas about batteries, their chemical make-up and the advanced future of them!
2-5-2024	3:00	STEM	Rhett Allain comes to the studio to talk with Tyler Thomas about water and its complexities being the most important thing to humans and their life!
2-6-2024	3:00	STEM	Rhett Allain comes to the studio to talk with Tyler Thomas about water and its complexities being the most important thing to humans and their life!
2-7-2024	3:00	STEM	Rhett Allain comes to the studio to talk with Tyler Thomas about water and its complexities being the most important thing to humans and their life!
2-8-2024	3:00	STEM	Rhett Allain comes to the studio to talk with Tyler Thomas about water and its complexities being the most important thing to humans and their life!

2-9-2024	3:00	STEM	Rhett Allain comes to the studio to talk with Tyler Thomas about water and its complexities being the most important thing to humans and their life!
2-12-2024	3:00	STEM	Rhett Allain comes to the studio to talk with Tyler Thomas about Star Wars and its applications to modern science while also showcasing what makes it uniquely different to any other form of content.
2-13-2024	3:00	STEM	Rhett Allain comes to the studio to talk with Tyler Thomas about Star Wars and its applications to modern science while also showcasing what makes it uniquely different to any other form of content.
2-14-2024	3:00	STEM	Rhett Allain comes to the studio to talk with Tyler Thomas about Star Wars and its applications to modern science while also showcasing what makes it uniquely different to any other form of content.
2-15-2024	3:00	STEM	Rhett Allain comes to the studio to talk with Tyler Thomas about Star Wars and its applications to modern science while also showcasing what makes it uniquely different to any other form of content.
2-16-2024	3:00	STEM	Rhett Allain comes to the studio to talk with Tyler Thomas about Star Wars and its applications to modern science while also showcasing what makes it uniquely different to any other form of content.
2-19-2024	3:00	STEM	Rhett Allain comes to the studio to talk with Tyler Thomas about Fabric! Fabric we use everyday, fabrics we use only sometimes and fabrics we never use! How does the fabric we use affect our everyday life?
2-20-2024	3:00	STEM	Rhett Allain comes to the studio to talk with Tyler Thomas about Fabric! Fabric we use everyday, fabrics we use only sometimes and fabrics we never use! How does the fabric we use affect our everyday life?
2-21-2024	3:00	STEM	Rhett Allain comes to the studio to talk with Tyler Thomas about Fabric! Fabric we use everyday, fabrics we use only sometimes and fabrics we never use! How does the fabric we use affect our everyday life?
2-22-2024	3:00	STEM	Rhett Allain comes to the studio to talk with Tyler Thomas about Fabric! Fabric we use everyday, fabrics we use only sometimes and fabrics we never use! How does the fabric we use affect our everyday life?
2-23-2024	3:00	STEM	Rhett Allain comes to the studio to talk with Tyler Thomas about Fabric! Fabric we use everyday, fabrics

			we use only sometimes and fabrics we never use! How does the fabric we use affect our everyday life?
2-26-2024	3:00	STEM	Rhett Allain comes to the studio to talk with Tyler Thomas about evolutions in sports science and the impact those evolutions have had on our athletes' health and wellbeing.
2-27-2024	3:00	STEM	Rhett Allain comes to the studio to talk with Tyler Thomas about evolutions in sports science and the impact those evolutions have had on our athletes' health and wellbeing.
2-28-2024	3:00	STEM	Rhett Allain comes to the studio to talk with Tyler Thomas about evolutions in sports science and the impact those evolutions have had on our athletes' health and wellbeing.
2-29-2024	3:00	STEM	Rhett Allain comes to the studio to talk with Tyler Thomas about evolutions in sports science and the impact those evolutions have had on our athletes' health and wellbeing.
3-1-2024	3:00	STEM	Rhett Allain comes to the studio to talk with Tyler Thomas about evolutions in sports science and the impact those evolutions have had on our athletes' health and wellbeing.
3-4-2024	3:00	STEM	Rhett Allain comes to the studio to talk with Tyler Thomas about the upcoming celebration of Pi, why it should be important to the listener and how it's applied in our everyday lives!
3-5-2024	3:00	STEM	Rhett Allain comes to the studio to talk with Tyler Thomas about the upcoming celebration of Pi, why it should be important to the listener and how it's applied in our everyday lives!
3-6-2024	3:00	STEM	Rhett Allain comes to the studio to talk with Tyler Thomas about the upcoming celebration of Pi, why it should be important to the listener and how it's applied in our everyday lives!
3-7-2024	3:00	STEM	Rhett Allain comes to the studio to talk with Tyler Thomas about the upcoming celebration of Pi, why it should be important to the listener and how it's applied in our everyday lives!
3-8-2024	3:00	STEM	Rhett Allain comes to the studio to talk with Tyler Thomas about the upcoming celebration of Pi, why it

			should be important to the listener and how it's applied in our everyday lives!
3-11-2024	3:00	STEM	Rhett Allain comes to the studio to talk with Tyler Thomas about car technology and how they have evolved over the years. They also discuss how those evolutions are important to the average everyday consumer.
3-12-2024	3:00	STEM	Rhett Allain comes to the studio to talk with Tyler Thomas about car technology and how they have evolved over the years. They also discuss how those evolutions are important to the average everyday consumer.
3-13-2024	3:00	STEM	Rhett Allain comes to the studio to talk with Tyler Thomas about car technology and how they have evolved over the years. They also discuss how those evolutions are important to the average everyday consumer.
3-14-2024	3:00	STEM	Rhett Allain comes to the studio to talk with Tyler Thomas about car technology and how they have evolved over the years. They also discuss how those evolutions are important to the average everyday consumer.
3-15-2024	3:00	STEM	Rhett Allain comes to the studio to talk with Tyler Thomas about car technology and how they have evolved over the years. They also discuss how those evolutions are important to the average everyday consumer.
3-18-2024	3:00	STEM	Rhett Allain comes to the studio to talk with Tyler Thomas about heating and cooling our homes. What you need to know, how the science works and a look into the ins and outs of energy consumption!
3-19-2024	3:00	STEM	Rhett Allain comes to the studio to talk with Tyler Thomas about heating and cooling our homes. What you need to know, how the science works and a look into the ins and outs of energy consumption!
3-20-2024	3:00	STEM	Rhett Allain comes to the studio to talk with Tyler Thomas about heating and cooling our homes. What you need to know, how the science works and a look into the ins and outs of energy consumption!
3-21-2024	3:00	STEM	Rhett Allain comes to the studio to talk with Tyler Thomas about heating and cooling our homes. What you

			need to know, how the science works and a look into the ins and outs of energy consumption!
3-22-2024	3:00	STEM	Rhett Allain comes to the studio to talk with Tyler Thomas about heating and cooling our homes. What you need to know, how the science works and a look into the ins and outs of energy consumption!
3-25-2024	3:00	STEM	Rhett Allain comes to the studio to talk with Tyler Thomas about how we as data consumers store our digital data. They talk about size evolutions, upgrades to technology and better ways to store data!
3-26-2024	3:00	STEM	Rhett Allain comes to the studio to talk with Tyler Thomas about how we as data consumers store our digital data. They talk about size evolutions, upgrades to technology and better ways to store data!
3-27-2024	3:00	STEM	Rhett Allain comes to the studio to talk with Tyler Thomas about how we as data consumers store our digital data. They talk about size evolutions, upgrades to technology and better ways to store data!
3-28-2024	3:00	STEM	Rhett Allain comes to the studio to talk with Tyler Thomas about how we as data consumers store our digital data. They talk about size evolutions, upgrades to technology and better ways to store data!
3-29-2024	3:00	STEM	Rhett Allain comes to the studio to talk with Tyler Thomas about how we as data consumers store our digital data. They talk about size evolutions, upgrades to technology and better ways to store data!

## The Best of Our Knowledge

WAMC’s long-running program on education, research and ideas now airs on KSLU.

DATE	TIME	SHOW #	TOPIC
1/7/2024	30:00	1736	The Israel-Hamas war has intensified debate over free speech on college campuses. And we’ll speak with an internationally-known advocate for human rights in the West Bank.
1/14/2024	30:00	1737	We’ll have a conversation with Dr. Carl Safina, an ecologist and author of <i>Alfie &amp; Me: What Owls Know, What Humans Believe</i> . The book tells the story of an orphaned owl who was cared for by Carl and his wife Patricia during the height of the COVID-19 pandemic, and the large impact a little owl had on their lives.
1/21/2024	30:00	1738	National Geographic writer Jen Szymanski will speak with our Jody Cowan about her latest book for young readers, “Deadliest Animals on the Planet.” And we’ll learn about ice yachts – the fastest craft on the planet at the turn of the 20th Century.
1/28/2024	30:00	1739	Universities across New York state studying AI are banding together to unlock the potential of the technology to benefit public good. We’ll speak with a researcher who has been working to develop classroom curricula surrounding the rapidly advancing technology.
2/4/2024	30:00	1740	On this episode of <i>The Best of Our Knowledge</i> we’ll learn about a science degree program offering a unique look at the future of fermentation.
2/11/2024	30:00	1741	Following the resignation of former president Claudine Gay, Harvard University is at the center of the debate over free speech on college campuses. We’ll speak with a member of a faculty organization defending the rights of students to protest violence against Palestinians. And we’ll speak with the supervisor of the Onondaga Nation Farm.
2/18/2024	30:00	1742	We’ll speak with music theorist and author Miriam Piilonen about her book: <i>Theorizing Music Evolution</i> , which lends a fresh eye to old ideas from Charles Darwin and Herbert Spencer.

2/25/2024	30:00	1743	Hamilton College has named its next president. We'll speak with Steven Tepper, who is currently serving as a dean at Arizona State University.
3/3/2024	30:00	1744	A mild winter allows for an early prescribed fire. We'll speak with acclaimed jazz trumpeter and music educator Sean Jones. And a push by public colleges and universities in New York aims to get more students involved in producing local news
3/10/2024	30:00	1745	Beyond teaching a life-saving skill, competitive swimming can forge life-long bonds. We'll visit a club swim team in the Hudson Valley.
3/17/2024	30:00	1746	In a changing climate, researchers around the world are asking citizen scientists to use their smartphones to help monitor beach erosion and storm damage.
3/24/2024	30:00	1747	We'll take a trip to the largest collection of popular music in the world – and meet the man who has dedicated most of his life to cataloguing recordings and historic materials.
3/31/2024	30:00	1748	What's your favorite board game? We'll explore the history of board games in America. And we'll visit an upstate New York woodworking shop that is opening its doors to the community.



## The Book Show

Each week on The Book Show, host Joe Donahue interviews authors about their books, their lives and their craft. It is a celebration of both reading and writers. Joe holds interesting conversations with a variety of authors including Malcolm Gladwell, Lawrence Wright, and Emily St. John Mandel. As the son of a librarian, Joe has been part of the book world since childhood. His first job was as a library assistant, during college he was a clerk at an independent book store and for the past 25 years he has been interviewing authors about their books on the radio.

DATE	TIME	SHOW #	TOPIC
1/7/2024	30:00	1838	Ann Patchett is the author of nine novels, including “Bel Canto,” “State of Wonder,” “Commonwealth” and “The Dutch House,” a finalist for the Pulitzer Prize. Her latest, “Tom Lake,” is a meditation on youthful love, married love, and the lives parents have led before their children were born.
1/14/2024	30:00	1839	As a prolific novelist of books for adults and kids, Carl Hiaasen has a subject: Florida. It is his beat. In “Wrecker,” Hiaasen’s new novel for Young Readers, Valdez Jones VIII needs to deal with smugglers, grave robbers, and pooping iguanas -- just as soon as he finishes Zoom school.
1/21/2024	30:00	1840	Best-selling author of “The Things They Carried,” Tim O’Brien, is on The Book Show this week to discuss his first new novel in two decades. “America Fantastica” is a propulsive caper chock full of O’Brien’s commentary on the state of American politics and culture.
1/28/2024	30:00	1841	The winner of the Booker Prize 2023, “Prophet Song” by Paul Lynch, presents a terrifying and shocking vision of a country sliding into authoritarianism and a deeply human portrait of a mother’s fight to hold her family together.
2/4/2024	30:00	1842	“The Bee Sting,” a novel by Paul Murray, is about family, fortune, and the struggle to be a good person at the end of the world.
2/11/2024	30:00	1843	“Alphabetical Diaries” by Sheila Heti contains a decade’s worth of thoughts, arranged in alphabetical order. The book is a chronicle of the self, of the fundamentals and idiosyncrasies of human experience, that plays out thrillingly in the space that Heti has staked out between life and art, reality and fiction.
2/18/2024	30:00	1844	In his new novel, “Cold Victory,” New York Times bestselling author Karl Marlantes delivers a sweeping tale of Cold War intrigue set in post-war Finland in which loyalty, friendship, and

			love are put to the ultimate test. The book is layered with action, historical detail, and a keen eye for the way totalitarianism and loss of truth and privacy threatens love and friendship.
2/25/2024	30:00	1845	Ann Napolitano took the literary world by storm with her tear-jerker of a novel “Dear Edward.” Her latest, “Hello Beautiful,” is an homage to Louisa May Alcott’s classic, “Little Women.” “Hello Beautiful” is a portrait of what is possible when we choose to love someone not in spite of who they are, but because of it.
3/3/2024	30:00	1846	“The Women,” a new novel by Kristin Hannah, is set at a pivotal time in American history: the Vietnam era. It is an intimate portrait of a woman coming of age in a dangerous situation and an epic tale of a nation divided by war and broken by politics.
3/10/2024	30:00	1847	Novelist Danielle Trussoni is the author of the bestsellers “Angelology” and “Angelopolis.” She gives readers a thrilling ride with her latest, “The Puzzle Master.” Reality and the supernatural collide when an expert puzzle maker is thrust into an ancient mystery - one with explosive consequences for the fate of humanity.
3/17/2024	30:00	1848	Poet Kaveh Akbar joins us to discuss his first novel “Martyr!” which follows Cyrus Shams on a journey of introspection and discovery. Cyrus is a drunk, an addict, and a poet. His obsession with martyrs and dealing with the death of his mother drives him to examine the mysteries of his past.
3/24/2024	30:00	1849	“My Beloved Life” by Amitava Kumar is a father-daughter story that widens into an Indian family saga. It tells the story of an ordinary life made exceptional by the fact that father has loved and has been loved in return. His daughter’s story recasts the past in a new light.
3/31/2024	30:00	1850	Anna Quindlen puts her trademark wisdom on family, friendship, and the ties that bind us at the center her new novel, “After Annie.” When Annie Brown dies suddenly, her husband, her children, and her closest friend are left to find a way forward without the woman who has been the lynchpin of all of their lives.

## The Media Project

The Media Project is an inside look at media coverage of current events with former Albany Times Union Editor-at-Large Rex Smith, WAMC President and CEO Alan Chartock, Daily Freeman Publisher Emeritus Ira Fufeld, Former Editor, Investigative Journalist and current UAlbany Professor, Rosemary Armao, and Former Editor of the Daily Gazette and Vice President for Editorial Development for the New York Press Association, Judy Patrick. The panel speaks about everything from how the media covers coronavirus to how news is digested via social media and whether journalists are doing their jobs as expected.

DATE	TIME	SHOW #	TOPIC
1/6/2024	30:00	1701	With former Times Union Editor, current Upstate American, Substack columnist Rex Smith, Judy Patrick, former Editor of the Daily Gazette and Vice President for Editorial Development for the New York Press Association. Barbara Lombardo, former Editor of the Saratogian and Adjunct Professor at the University, and Daily Freeman Publisher Emeritus Ira Fufeld. On this week’s Media Project, Rex, Judy, Barbara, and Ira talk about how to fight burnout in the newsroom, how the media should cover the Jeffrey Epstein list, and much more.
1/13/2024	30:00	1702	With former Times Union Editor, current Upstate American, Substack columnist Rex Smith, Barbara Lombardo, former Editor of the Saratogian and Adjunct Professor at the University, and WAMC News Director Ian Pickus. On this week’s Media Project, Rex, Barbara, and Ian talk about the New York Public News Network, the media’s obsession with inflation, what journalists should do when politicians say misleading things, and much more.
1/20/2024	30:00	1703	With former Times Union Editor, current Upstate American, Substack columnist Rex Smith, Judy Patrick, former Editor of the Daily Gazette and Vice President for Editorial Development for the New York Press Association, Barbara Lombardo, former Editor of the Saratogian and Adjunct Professor at the University, and Daily Freeman Publisher Emeritus Ira Fufeld. On this week’s Media Project, Rex, Judy, Barbara, and Ira talk about whether the media has overplayed coverage of the Iowa caucuses, a listener letter on whether a journalist needs to be experts, and much more.
1/27/2024	30:00	1704	With former Times Union Editor, current Upstate American, Substack columnist Rex Smith, Judy Patrick, former Editor of

			the Daily Gazette and Vice President for Editorial Development for the New York Press Association, Barbara Lombardo, former Editor of the Saratogian and Adjunct Professor at the University, and WAMC News Director Ian Pickus. On this week’s Media Project, Rex, Judy, Barbara, and Ian talk about the decline of Sports Illustrated, the hypocrisy of Sean Hannity, and much more.
2/3/2024	30:00	1705	With former Times Union Editor, current Upstate American, Substack columnist Rex Smith, Judy Patrick, former Editor of the Daily Gazette and Vice President for Editorial Development for the New York Press Association, Barbara Lombardo, former Editor of the Saratogian and Adjunct Professor at the University, and Daily Freeman Publisher Emeritus Ira Fufeld. On this week’s Media Project, Rex, Judy, Barbara, and Ira talk about a terrible first month of 2024 for newspapers, how the decline of local news impacts local communities, a journalism ethical dilemma, and much more.
2/10/2024	30:00	1706	With former Times Union Editor, current Upstate American, Substack columnist Rex Smith, Judy Patrick, former Editor of the Daily Gazette and Vice President for Editorial Development for the New York Press Association, Barbara Lombardo, former Editor of the Saratogian and Adjunct Professor at the University, and WAMC News Director Ian Pickus. On this week’s Media Project, Rex, Judy, Barbara, and Ian talk about a new program at the State University of New York designed to put student journalists to work in news deserts, police coverage, Tucker Carlson’s interview with Vladimir Putin, and much more.
2/17/2024	30:00	1707	With former Times Union Editor, current Upstate American, Substack columnist Rex Smith, Barbara Lombardo, former Editor of the Saratogian and Adjunct Professor at the University, and WAMC News Director Ian Pickus. On this week’s Media Project, Rex, Barbara, and Ian talk about the White House being upset over coverage of the special counsel’s report, what happens when journalists move to the “dark side,” and much more.
2/24/2024	30:00	1708	With Judy Patrick, former Editor of the Daily Gazette and Vice President for Editorial Development for the New York Press Association, Barbara Lombardo, former Editor of the Saratogian and Adjunct Professor at the University, and Media Project producer David Guistina. On this week’s

			Media Project, Judy, Barbara, Mike and David talk about the role the media has played in changing attitudes towards Russia and Vladimir Putin, Sinclair broadcasting asking listeners what they’re afraid of, teaching students to be skeptical, and much more.
3/2/2024	30:00	1709	With former Times Union Editor, current Upstate American, Substack columnist Rex Smith, Barbara Lombardo, former Editor of the Saratogian and Adjunct Professor at the University, and WAMC News Director Ian Pickus. On this week’s Media Project, Rex, Barbara and Ian talk about Pink Slime journalism, who should make the decision of what news gets covered on line, and much more.
3/9/2024	30:00	1710	With former Times Union Editor, current Upstate American, Substack columnist Rex Smith, Judy Patrick, former Editor of the Daily Gazette and Vice President for Editorial Development for the New York Press Association, Barbara Lombardo, former Editor of the Saratogian and Adjunct Professor at the University, and Media Project producer David Guistina. On this week’s Media Project, Rex, Judy, Barbara and David talk about how a lack of local reporting effects the Supreme Court, polling and what to believe, how media can fight American’s “collective amnesia” over the past behavior of the Presidential candidates, and much more.
3/16/2024	30:00	1711	With Judy Patrick, former Editor of the Daily Gazette and Vice President for Editorial Development for the New York Press Association, Barbara Lombardo, former Editor of the Saratogian and Adjunct Professor at the University, Daily Freeman Publisher Emeritus Ira Fوسفeld, and Media Project producer David Guistina. On this week’s Media Project, Judy, Barbara, Ira and David talk about verifying photos and videos, AI and its impact on modern journalism, a reminder that the media does not act as a unified group, and much more.
3/23/2024	30:00	1712	With former Times Union Editor, current Upstate American, Substack columnist Rex Smith, Judy Patrick, former Editor of the Daily Gazette and Vice President for Editorial Development for the New York Press Association, Barbara Lombardo, and WAMC News Director Ian Pickus. On this week’s Media Project, Rex, Judy, Barbara, and Ian talk media organizations dropping the Associated Press wire service,

			the economic challenges facing journalism as well as the dangers facing journalists, and much more.
3/30/2024	30:00	1713	With former Times Union Editor, current Upstate American, Substack columnist Rex Smith, Barbara Lombardo, Daily Freeman Publisher Emeritus Ira Fusfeld and WAMC News Director Ian Pickus. On this week's Media Project, Rex, Barbara, Ira and Ian talk about the uproar over NBC hiring former RNC Chair Ronna McDaniel, a call to withdraw the video of the Francis Scott Key Bridge collapse, and much more.