

The Super Saturday Program

Spring Term Class List

2023





Online registration is required at:
www.supersaturday.org/registration/

Teen Leader Program application documents available online at:
www.supersaturday.org/teens/



The Details:

Registration:
1/29/23 - 2/18/23

Late Registration:
2/19/23 - 2/25/23

Session Dates:
3/11/23 - 4/15/23
No class make-up date

Morning Session: 9:30-11:30
Afternoon Session: 12:30-2:30

FAQs:

- Tuition will be \$80/class/term, paid directly to The Super Saturday Program.
- Lab fees are for class supply expenses and should be paid directly to the teacher on the first day of class.
- Students are welcome to bring their own personal water bottles to campus; no other beverages are allowed in classrooms.

See website for more questions or email:
messagecenter@supersaturday.org

We Have Relocated!

All classes will be at our new location:

DePaul Cristo Ray High School
1133 Clifton Hills Ave
Cincinnati, OH 45220



Morning Classes:

9:30-11:30

Scientific Mayhem

Instructor: Kelly Reilman

Activity Level: 2

(#22301) Lab Fee: \$20

Let's have some fun with science! We will explore, build, test, and mix all kinds of things. How tall can I build this tower? What will happen if I mix these two things? What does this look like on the inside? How does this work? Join us and discover something new!



Ages: 4-6

Get Sparked with ART

Instructor: Priscilla Oehlschlaeger

Activity Level: 1

(#22302) Lab Fee: \$30

Make a treasure tin, blend colors, make puppets, create a bottle buddy, design a costume, and more. Explore the basic wonders of creating art and join us as we get sparked with art!

Ages: 4-7

Muscle Factory in Motion

Instructor: Simone Burnett

Activity Level: 1

(#22303) Lab Fee: \$10

Did you know you are supposed to have one hour of exercise a day? Come put your legs, abs, and arms in motion at the Muscle Factory! I will be showing you fun ways to wake up sleepy muscles and energize your body!

Ages: 6-8



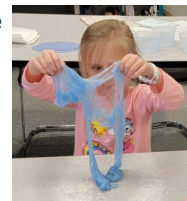
Cool Chemistry II

Instructor: Barbara James

Activity Level: 3

(#22304) Lab Fee: \$40

Measure, mix, swirl and pour into the world of chemistry as we explore reactions that make volcanoes, density bottles, color, slime and much more. Explore with us in this fun, hands-on class.



Ages: 7-10

Origami Basics

Instructor: Rory & Amy Hruschak

Activity Level: 4

(#22305) Lab Fee: \$10

Unlock the secrets of origami, the ancient art of Japanese paper folding. Turn flat, colorful square pieces of paper into 3D geometric shapes, animals, and other fun projects.



Ages: 7-10



Stop Motion Animation Extravaganza!

Instructor: Korin Mattei

Activity Level: 3

(#22306) Lab Fee: \$50

Bring your imagination and master some of the basics of stop motion animation while making fun videos. We will work with LEGO, clay, and paper while you learn to use an animation app and bring your own characters to life! Build your sets, create your backgrounds, sculpt your models and we'll see what you can do in this highly individualized class.

****Students must bring a tablet or smart phone capable of using Bluetooth and Stop Motion Studio app.****



Ages: 7-10

LEGO Mindstorms Robotics!

Instructor: Janet Bockey

Activity Level: 1

(#22307) Lab Fee: \$60

LEGO enthusiasts will have a blast learning to design and build robots using LEGO Mindstorms NXT and EV3. Students will work in pairs to build robots that drive, lift, and interact with obstacles as they master weekly challenges and compete in games! A favorite highlight will be combining all of the skills they've learned to create their ultimate robot for an epic Battling Robot competition!



Ages: 8-9

Morning Classes:

9:30-11:30

It IS Rocket Science!

Ages: 8-11

Instructor: Ryan Cheng

Activity Level: 2

(#22308) Lab Fee: \$50

Interested in high-speed rockets? How are fins used to control direction, stabilize and angle the launch? Join us to build and keep 3 model rockets. Experiment center of mass, discuss principles of flight stability and drag. Learn how to be safe, prepare for launch, insert engines and parachutes.

****NOTE: 4/15 & 4/16 Launch at Hisey Park (4/22 & 4/23 rain dates)****

Art & Science of Superheroes

Ages: 8-12

Instructor: Melanie Simkins

Activity Level: 3

(#22309) Lab Fee: \$0

Based on favorite Marvel and DC Comics heroes, learn the applied science of superpowers! From Superman's incredible alien powers to the genetics of X-Men, science is important to make them believable heroes. Learn the concepts of 2D drawing & layout design that bring our favorite comic books to life!!

The Wizarding World of Harry Potter

Ages: 9-12

Instructor: George Whitaker

Activity Level: 3

(#22310) Lab Fee: \$15

Join this class for an opportunity to live out your wildest wizarding fantasies. Discover what house you belong to, re-enact your favorite Hogwarts classes and delve more deeply into the world of Harry Potter than you have before!

Structural Engineering 101

Ages: 9-14

Instructor: Steven Harm

Activity Level: 3

(#22311) Lab Fee: \$30

Want to know what keeps the building you're in right now from falling on your head? What keeps the bridge you drive over from falling in the river? In this class we will build small models of structures to discover what makes them stay standing; we'll review computer modeling techniques and learn about what forces and loading a building or bridge can stand up to.

Writing for Laughs

Ages: 9-14

Instructor: P.F. Wilson

Activity Level: 3

(#22312) Lab Fee: \$0

Great comedy doesn't just happen, it has to be crafted, and that starts with writing. Learn the basic principles of comedy, including satire and parody. Create skits, parody songs, fake newscasts as well as your own stand-up own stand-up comedy routine.

Introduction to Python Part 2

Ages: 10-14

Instructor: Nitin Kulkarni

Activity Level: 3

(#22313) Lab Fee: \$0

This is a continuation of the winter class "Introduction to Python". We will explore more complex aspects of Python. **PREREQUISITE:** Introduction to Python 101 OR teacher approval on the basis of student knowledge of Python basic concepts.

NOTE: Laptop required

Super Saturday Young Debaters

Ages: 10-14

Instructor: Mia Burnett

Activity Level: 3

(#22314) Lab Fee: \$20

The Young Debaters class will introduce and foster research, speech and debating techniques. These techniques will be used to conduct debates on various current event topics.

Go for Go-Getters

Ages: 11-14

Instructor: Andrew Speno

Activity Level: 2

(#22315) Lab Fee: \$5

Go, the oldest board game in the world, looks deceptively simple but is complex enough to provide a lifetime of challenge. Learn the game in brief, focused lessons but mostly by playing as many games as possible. Games are easily handicapped so players of all skill levels can play competitively. There will be a handicapped tournament with trophies in the final class.



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Afternoon Classes:

12:30-2:30

Cool Chemistry I

Instructor: Barbara James

Activity Level: 3

(#22351) Lab Fee: \$40

Measure, mix, swirl and pour into the world of chemistry as we explore reactions that make volcanoes, density bottles, color, slime and much more. Explore with us in this fun, hands-on class.

Ages: 4-6

Muscle Factory in Motion

Instructor: Simone Burnett

Activity Level: 1

(#22352) Lab Fee: \$10

Did you know you are supposed to have one hour of exercise a day? Come put your legs, abs, and arms in motion at the Muscle Factory! I will be showing you fun ways to wake up sleepy muscles and energize your body!

Ages: 4-6



Cool Math

Instructor: Gina Baldwin

Activity Level: 3

(#22353) Lab Fee: \$20

Math is so much fun! Create math art, play new math games (that you won't even know are math!), and be amazed at how much fun math is. No timed tests, no homework. Let's explore the world of math.

Ages: 7-9

Be a Podcaster

Instructor: P.F. Wilson

Activity Level: 2

(#22354) Lab Fee: \$0

You, our newest podcaster, will learn how to make your own Internet radio show, also known as a podcast. From choosing what the show will be about to recording, editing, and posting - you will learn the medium from the ground up.

Ages: 7-10



The Sew-Sew Class. Time to Sew

Instructor: Priscilla Oehlschlaeger

Activity Level: 1

(#22355) Lab Fee: \$30

Learn how to sew by hand or use a sewing machine. Design purses, capes, aprons, pillows, dolls, stuffed animals and accessories for your own style.

Learn about seam allowances and how to sew on a button.

Practice threading a sewing machine.

Ages: 7-10



Nature's Fury

Instructor: Melanie Simkins

Activity Level: 2

(#22356) Lab Fee: \$5

Mother Nature is not always kind and gentle. There are several types of natural phenomena that are powerful forces of change, and even destruction, to the environment. Explore by creating your own tornadoes, floods, earthquakes, volcanoes, and much more!

Ages: 7-11



Tai-Chi for Parent and Me

Instructor: Mia Burnett

Activity Level: 2

(#22357) Lab Fee: \$20

Yang style Tai-Chi Chuan is an internal style of a slow moving martial art that is used to improve the immune system, increase balance, and improve calmness and patience. This is the perfect class for a parent and child. Students must be able to focus and participate in a calm and quiet environment. Younger students may be permitted to enroll by the instructor.

Ages: 8-12



LEGO Mindstorms Robotics!

Instructor: Janet Bockey

Activity Level: 1

(#22358) Lab Fee: \$60

LEGO enthusiasts will have a blast learning to design and build robots using LEGO Mindstorms NXT and EV3. Students will work in pairs to build robots that drive, lift, and interact with obstacles as they master weekly challenges and compete in games! A favorite highlight will be combining all of the skills they've learned to create their ultimate robot for an epic Battling Robot competition!

Ages: 9-11

Settlers of Catan

Instructor: Andrew Speno

Activity Level: 2

(#22359) Lab Fee: \$0

Build a civilization using five main resources: lumber, bricks, grain, wool, and ore. Plan ahead, get the right balance, and your settlement can be the first to grow into a city. In this class, we spend half our time playing the Settlers of Catan board game and the other half exploring the five resources in hands-on activities.

Ages: 9-12



Afternoon Classes:

12:30-2:30

Advanced Rocketry

Instructor: Ryan Cheng

Ages: 9-14

Activity Level: 2

(#22360) Lab Fee: \$20

You mastered beginner rocketry! Explore Mid-Power, Multistage, Payloader, Glider & Turbo Vortico Flying Models. Soar to 2000 ft. Use B to F engines. Bring and build three of your favorite rockets base on your skill level (intermediate to expert).

****NOTE: 4/15 & 4/16 Hisey Park launch. (4/22 & 4/23 rain dates)**

Must purchase own kits, engines, use hobby knives. We supply one Estes designer model.**



Stop Motion Animation Extravaganza!

Instructor: Korin Mattei

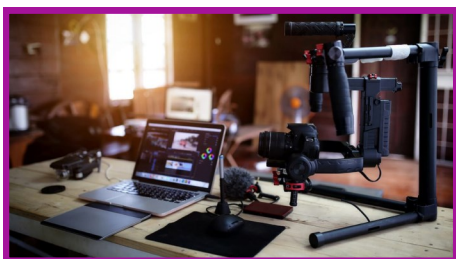
Ages: 10-14

Activity Level: 3

(#22361) Lab Fee: \$50

Bring your imagination and master stop motion animation fundamentals while making fun videos. We will work with LEGO, clay, and paper while you learn to use basic software and bring your own characters to life! Build your sets, create your backgrounds, sculpt your models and we'll see what you can do in this highly individualized class.

****Students must bring a tablet or smart phone capable of using Bluetooth and Stop Motion Studio app.****



The Wizarding World of Harry Potter II

Instructor: George Whitaker

Ages: 10-14

Activity Level: 3

(#22362) Lab Fee: \$15

Join this class for an opportunity to live out your wildest wizarding fantasies. Discover what house you belong to, reenact your favorite Hogwarts classes and delve more deeply into the world of Harry Potter than you have before.

Developing Games with Python

Instructor: Aidan Gallagher

Ages: 11-14

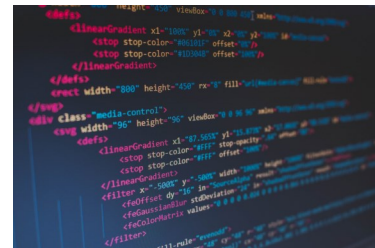
Activity Level: 3

(#22363) Lab Fee: \$5

We will use Python to introduce core programming concepts like variables, loops, and conditional statements. Each day we will learn to develop progressively more advanced games using these concepts, from Mad Libs to Blackjack to a Text Adventure Game.

Geared toward older students who have an interest in computer science and coding.

****Students must bring their own laptops****



Physics of Things that Float & Fly

Instructor: Dr. Ken Brown

Ages: 12-14

Activity Level: 2

(#22364) Lab Fee: \$50

How are micro kites, airplanes, electrical circuits, rockets, and more impacted by physics? Join me to explore matter, energy, motion, and force through experiments and analysis of things that float and fly.



Teen Leader Volunteer Program

If you are age 13-17, the Teen Leader Volunteer Program may be your niche. All teens interesting in volunteering for this term need to fill out the Intent to Volunteer form, and a teen leader application must be filled out once each school year. Applications and policies can be found at www.supersaturday.org/teens/.

Applications are approved each term on a case by case basis. Mandatory leadership training will take place the Saturday before the start of term, March 4th.

See website for dates. Interested? Want to know more? Have general questions? Contact the Teen Advocate at teenadvocate@supersaturday.org

We Have Relocated!

All classes will be at our new location:

DePaul Cristo Rey High School
1133 Clifton Hills Avenue
Cincinnati, OH 45220



REGISTRATION REMINDERS

- ◆ Do NOT include lab fee with registration. Pay lab fees to teacher on first day of class.
- ◆ Registration opens online January 29. Mailed registrations will not be entered until January 29, 2023.
- ◆ Only register your child for one AM class and/or one PM class per session. If you have additional or back-up choices that you would like recognized, please send those via email to registration@supersaturday.org. Jackrabbit does not prevent you from registering for multiple classes and will automatically charge you for each class registered. So please be cognizant of this.
- ◆ If you would like to pay by check or are applying for financial assistance, register online then mail payment information within 2 days. **If we do not receive payment within 7 days, your student will be moved to a waiting list.**
- ◆ Registrations mailed after February 18 should include non-refundable \$25 late fee (maximum \$50 late fee per family). Returned checks will result in \$20 fee. Checks payable to: **The Super Saturday Program**

Mail to: **The Super Saturday Program**
PO Box 43385
Cincinnati, Ohio 45243

- ◆ Parents must drop off and pick up their children for each morning and each afternoon class. Students may not be dropped off earlier than 10 minutes prior to class. Parents arriving late to pick up should go to the Gifted Community Enrichment (GCE) Room. There is no supervision available during lunchtime.
- ◆ Parents who assist in their children's classrooms report much greater appreciation for this program and its classes.
- ◆ Parents who are not assisting in classrooms are encouraged to join in the **Gifted Community Enrichment (GCE) Room** for conversation and field experts, as a parent or guardian should remain on campus.
- ◆ **Educational events for parents** are presented free of charge on Saturdays and are typically held in the **GCE Room**. Past presentations have covered such topics as Parent Effectiveness Training, Literature for Gifted Children, Advocacy, Post-Secondary Education, Home-Schooling and Open Forum Discussions. Confirmation letters and posted signs detail the spe-

FINANCIAL AID/GRANTS

A limited number of tuition and lab fee grants are available each term. Please send documentation to registration@supersaturday.org or via hard copy mail to the address above. Documentation can be anything that shows your child qualifies or government assistance (i.e. Medicaid, W.I.C., or free/reduced price lunch). Requests to use financial assistance need to be made each term; documentation to qualify is required once per year. Other grant opportunities may be available. Please check our website (www.supersaturday.org), or email messagecenter@supersaturday.org to find out more about those opportunities.

HOW TO CHOOSE A CLASS

1. Students should always be involved in class selection. This helps ensure a higher quality class experience for your child, for other children and for the teacher.
2. Age ranges for individual classes are designed to take into account both the intellectual and emotional development of our students as well as to create a manageable classroom for our teachers. We cannot allow exceptions to these ranges. If you are interested in a class being offered for a different age range, please let us know and we can try to meet requests in future terms.
3. If you have questions about the appropriateness of a class for your child, contact us. We can get you more information to make the best choices for your situation. We can arrange class visits during active sessions.
4. Class changes after your registration has been submitted must be discussed with the Registrar or the President. Teachers are not involved in the registration process and cannot approve changes in enrollment.

ACTIVITY LEVEL KEY

1. *Very active. Students will be moving around for almost the whole class.*
2. *Mostly active. Students will be moving around, or participating in hands-on activities for 60% or more of the class.*
3. *In between. Students will be doing some hands-on activities but will also spend a significant amount of time in sedentary scholarly pursuits.*
4. *Traditional classroom. A "traditional classroom" class where students will engage in sedentary scholarly pursuits.*

*Feeding the educational passions of intellectually gifted children and their parents;
 helping them realize their full potential.*

PROFESSIONAL RECOMMENDATION

This section is to be completed by a psychologist, psychiatrist, psychometrist, pediatrician or a school professional (teacher, principal or gifted coordinator). A professional recommendation is needed only by students enrolling for the first time or by those who haven't participated in The Super Saturday Program within the last two years.

I certify that _____ meets one of the following criteria:
(Name of Student)

Check One:

- ☐ Mental ability (I.Q.) of a standard score on a cognitive ability measure equivalent to the 95th (or above) percentile.
- ☐ Achievement test scores in "Total Reading" or "Total Math" at (or above) the 95th percentile.
- ☐ Although test scores are not available or appropriate, this student has shown evidence of outstanding intellectual achievement or potential. (Narrative description must be included below.)

Name _____	Position _____
Institution _____	Phone # _____
	Email _____

Volunteering

PAGE and The Super Saturday Program are run by parents who volunteer their time and talents to serve the gifted children of the Cincinnati area. We need your help to keep this program strong! There are many ways, both big and small, that you can help out.

On the first day of class, the teachers will have sign-up lists for parent classroom volunteers. Please be sure to sign up for a week to help your child's class run smoothly during the term. Besides volunteering in your child's classroom, you can volunteer to help on certain Saturdays with site set-up, clean-up, or teacher prep. If you're able to help more, you can take on one of the bigger roles that need to be filled. You can find more information on volunteering and a link to fill out a volunteer survey on our website at www.supersaturday.org/volunteer/.

As always, please feel free to reach out to our board at messagecenter@supersaturday.org with any questions you may have that are not answered on the website.

Instructor Biographies:

Gina Baldwin has a BS in Mechanical Engineering, worked for 15 years at Procter & Gamble before deciding to stay home with her three boys. Her gifted boys keep her on her toes and reaching for new ideas. She has had love for math since seeing pre-algebra in junior high. Math can be a lot of fun and she wants to see all kids learn to enjoy it, even if it is not their strength area.

Janet Bockey, originally drawn in to robotics by my oldest son, I've been teaching LEGO MINDSTORMS classes for 10 years, doing everything from after-school programs, Scouts groups, summer camps, and parties. I also coached a FIRST LEGO LEAGUE team. This is my 8th year at Super Saturdays. I'm a UC grad, and live in a house full of LEGOs in Liberty Township with my husband and sons. Our family 'pet' is a NXT robotic alligator named Fred, who sometimes visits my classes!

Mia Burnett has a bachelor's degree in Forensic Chemistry from Ohio University, a master's degree in Forensic Toxicology from the University of Florida, and a master's degree in Chemistry from Wright State University. Mrs. Burnett worked at the Hamilton County Coroner's Office for 12 years and is currently working as an independent contractor presenting community outreach programs. She is pursuing a doctorate in Environmental Sciences and Toxicology at Wright State University.

Simone Burnett recently graduated from The Ohio State University as a Dance and Arts Management/Business Major. Simone currently dances with the Spectrum Dance Theater dance company as a company artist. She specializes in contemporary dance, ballet, modern dance, and stretch and strengthening techniques. Her focus is to spread knowledge about movement practice, and how it can be applied to health, education, and overall creativity!

Dr. Kenneth Brown is a retired Research Chemist from the National Institute for Occupational Safety and Health with 50 years of professional work using science, technology, engineering, and math industries. He is interested in mentoring young scientists toward their careers in science through the Super Saturday Program.

Ryan Cheng graduated with an Associates Degree in Electro-Mechanical Engineering Technology (ABET accredited) from Sinclair College. Currently an undergrad from Miami University double major in Robotics, Electrical and Computer Science Engineering. He has Solidworks CSWA, National Association of Rocketry Level 2 High Power Certification and enjoys mentoring student teams for FIRST, VEX, TARC, Ohio 4-H, Rocketry and Science Projects. Ryan believes getting students excited about STEM at an early age is the key to giving them the skills to be critical thinkers.

Aidan Gallagher Computer Science Undergrad at Miami University of Ohio and member of the Varsity Overwatch team. Webmaster for The Super Saturday Program since 2015. Participated in the 2017 Harvard Hackathon, and proficient in Java, Python, frontend web development and other programming languages.

Steven T. Harm PE SE. is a registered professional engineer in 11 states, with over 20 years of experience in structural engineering of buildings. He holds a Bachelors degree in Civil Engineering from Ohio University. Steven is an owner and managing partner at Advantage Group Engineers Inc. He was also the structural Engineer of record for numerous buildings in the Cincinnati Area, including the Indian Hill/Madeira Firehouse, the Bellevue Waters Edge Condominiums and the Rhinegeist Brewery renovation.

Rory & Amy Hruschak is a student at Walnut Hills High School. He began folding paper after reading the Origami Yoda series in elementary school. He quickly discovered he had a talent for origami, and he enjoyed taking the Super Saturday origami class taught by his mentor. He has attended many Centerfold Origami conventions to learn more models and techniques. Rory also came in second place in a national contest involving the movie Kubo and the Two Strings by creating an original origami model.

Barbara James, M.Ed., NBCT, has worked as science specialist and teacher in both the public and private sector for over 30 years. Her teaching accomplishments have earned her both state and national awards including TWC National Teacher, CPS Hawkins Educator of the Year, Who's Who Among Teachers, just to name a few. Along with being featured in news articles for her work with science and children, Barbara has presented seminars on college campuses, at national conferences and to a wide variety of audiences on early childhood literacy, outdoor education and topics in science. She is also a national award winning song writer. Teaching with Super Saturday since 1999, she says, "I look forward to Super Saturday mornings with joy because I love teaching and the children come excited about learning."

Nitin Kulkarni is an experienced IT professional with over 20 years of experience, having worked across the globe for Fortune 500 companies and is very passionate about technology. He has experience teaching kids as young as 3rd grade and has taught technologies such as HTML, CSS, Javascript and Python. "I am excited to add Super Saturday students to the list of my successful Python Certified students!"

Korin Mattei is a 3rd generation artist and general creative. Raised by an artist and an inventor, her driving passion is to support outside of the box thinking and help foster creativity. She has taught multiple classes with Super Saturday over the years, also serving as a board member, Operations Manager and parent. Her son is a stop motion animator, and they have worked together over the years perfecting his craft.

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helping them realize their full potential.*

Instructor Biographies:

Priscilla Oehlschlaeger is the author of *Make Costumes: For Creative Play* (North Light Books 1992.) She has taught for Cincinnati Playhouse in the Park, Carnegie Visual & Performing Arts Center, Cincinnati Public Libraries, UC summer camp, Pyramid Hill Sculpture Park, The Super Saturday Program, Cincinnati Art Museum, Children's Museum of Cincinnati and at several local schools, nursing homes and special events.

Kelly Reilman has a professional background in writing & editing and has been teaching science enrichment to students in grades pK-8 for about 7 years. Her experiences with kids includes in-school Science Labs, After-School Science classes & summer camps, teaching Microsoft Office applications and FIRST LEGO League Head Coach. My college-age son was in a gifted program during his school years, so I have plenty of experience working with gifted children.

Melanie Simkins is a sci-fi, fantasy, cosplaying geek whose daily reality is to masquerade as an Ecological Consultant. She wears multiple hats at work: ecologist, cartographer, hydrology modeler, archaeologist, and engineer. Viewing the world from different perspectives with a little imagination helps inspire a life-long pursuit of scholarship. Let's be creative and explore science together!

Andrew Speno was an elementary school teacher for 20 years and has taught classes at Super Saturday since 2009. During the week, he substitutes for five local districts. He has extensively researched the life

and work of William and Elizebeth Friedman, cryptographers. He is an avid Go player, an ancient strategy game from China and Japan.

George Whitaker is an Eagle Scout and earned a teaching degree from Miami University. He enjoys all of the typical geeky pursuits and believes that this all stems from and can be enhanced by an enjoyment in literature.

P.F. Wilson is a freelance writer whose work appears in papers around the country. He was also a contributing comedy writer for The Gary Burbank Show. He also contributed to The American Comedy Network and Morning Sidekick radio services. He currently hosts his own podcast, P.F.'s Tape Recorder and produces The Cincy Shirts Podcast.

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