
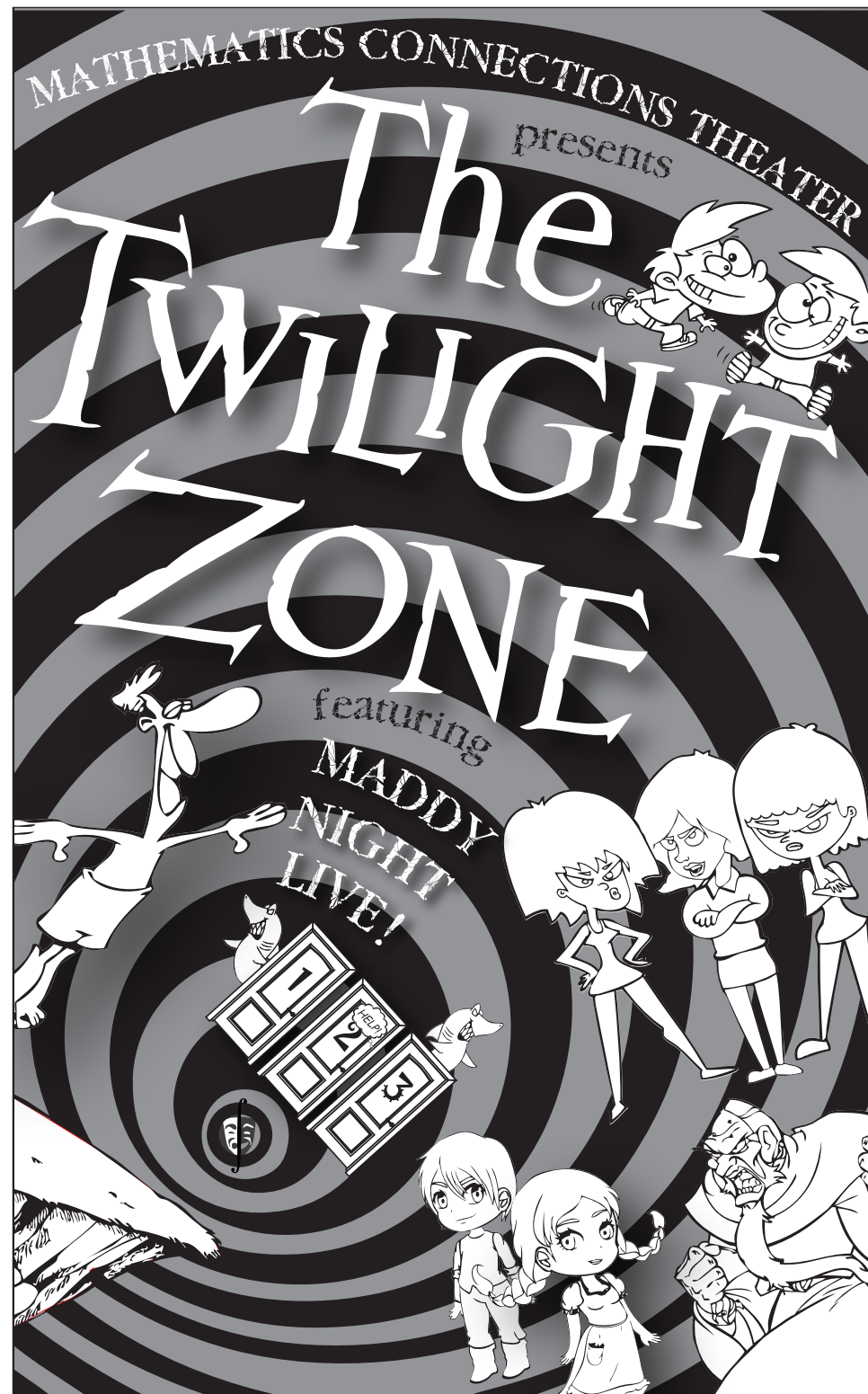


# 2019 Mathematics Connections Theatre Survey

Please complete the following questionnaire by placing a cross ☒ in the appropriate box.

		Strongly Agree	Agree	Neither Agree or Disagree	Disagree	Strongly Disagree
1.	This performance helped me see mathematics as an important tool that is useful in many real world applications.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	I learned something about mathematics from this performance that I wouldn't have known otherwise.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	I would enjoy attending live mathematical theatre events like this one on a regular basis throughout the year.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	I believe that this performance heightened my understanding of mathematics as a relevant tool used to model our world.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.	This performance enhanced my perception of the nature of mathematics.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.	I enjoyed the light-hearted approach the production used to convey the relevance of mathematics.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7.	I believe this type of performance could help improve a person's perception of mathematics if they have had negative experiences with mathematics in the past.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8.	I would recommend this type of live mathematical performance to my friends.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9.	I feel this performance provided a positive connection to the concrete applications of mathematics.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

THANK YOU for your time this evening and feedback regarding the performance. Please free to provide further comments or email comments to Paul Warne at [warnepg@jmu.edu](mailto:warnepg@jmu.edu).



## THANKS TO THE GENEROSITY OF OUR 2018-19 DONORS

Mr. Baxter Gilliam (2018 Madison Trust)

Mr. Donald Rainey (2016 Madison Trust)

The JMU Department of Mathematics & Statistics

# The Twilight Zone

Written and Directed  
by

Maddy Night Live and The Mathematics Connections Theater

Produced by Paul Warne

Sound and Lighting by Dan Harrison

## CAST

Quinton Carr-Goodwin .....	Maddy Night Live (19')
Sam Coulson .....	Maddy Night Live (21')
Poppy Crawshaw .....	Maddy Night Live (21')
Gabby Katz .....	Maddy Night Live (20')
Ana Harnage.....	Maddy Night Live (21')
Nick Jacky.....	Maddy Night Live (22')
Megan McBride.....	Maddy Night Live (22')
Ethan Schulze .....	Maddy Night Live (20')
Naomi Stuart .....	Maddy Night Live (20')
Ryan Wetzel .....	Maddy Night Live (20')
Diana Witt.....	Maddy Night Live (22')

## 2019 Connections Theater Staff

Hannah Critchfield.....	Mathematics (19')
Alexander McAllister .....	Mathematics (20')
Malia Sarver .....	Mathematics (21')
Robin Rosewelsh .....	Mathematics (21')

## PRODUCER'S NOTE

We hope that you thoroughly enjoy this evening's light-hearted production. Our heart is that you leave with a fresh connection to mathematics and just a small taste of the breadth and beauty of the amazing field of mathematics. This show is the work from a delightful collaboration with JMU's own sketch comedy group, *Maddy Night Live*, and the Mathematics Connection Theater Staff and was created by JMU students for students. Enjoy the show!

## 2019 Sketches

### 1. Russell's Playdate

*Brenda:* Naomi, *BREndA:* Gabby  
*BrenDA:* Megan, *Other Old:* McCoy  
*Melissa:* Ana, *Russell:* Nick  
*Sally:* Poppy, *Casey:* Ryan  
*Geoffrey:* Ethan

Mathematical Connection:  
*Russell's Paradox*

### 2. "The Guy Who Loves Girls"

*Minah:* Naomi, *Lauren S.:* Diana  
*Britony:* Sam, *Hannah:* Gabby

Mathematical Connection:  
*The Prisoner's Dilemma*

### 3. St. Pete's Paradox

*Rasputin:* Naomi, *Ivan:* Sam  
*Any:* Diana, *Mom:* Ana

Mathematical Connection:  
*St. Petersburg Paradox*

### 4. Batmath

*Joker:* Ethan, *Batman:* Nick, *Rachel:* Poppy  
*Robin:* Ana, *Harvey Dent:* Sam  
*Dead Parent 1:* Gabby, *Dead Parent 2:* Alex

Mathematical Connection:  
*The Monty Hall Problem*

### 5. "Extreme Cliff Diving"

*Shawn:* Quinton, *Crystal:* Megan  
*Jimmy:* Nick, *Producer:* Ethan  
*Camerman:* Poppy

Mathematical Connection:  
*Zeno's Dichotomy Paradox*

## STUDENT PRODUCTION & SUPPORT STAFF

Videography .....	Kerry Nevins ('20)
Artwork and MCT Logo .....	Claire Wayand ('18)
Lighting and Sound Support .....	Sally Lyle ('20)
Usher .....	Kate Moomaw ('21)

## Additional Special Thanks

**Debra Warne:** For her unwavering faith, time, and support.  
**Roger Thelwell:** For MCT co-Mentorship, expertise in sketch advising, and construction.  
**Jason Rosenhouse:** For MCT co-Mentorship and expertise in sketch advising.  
**Leigh Ann Bowles-Riggelman:** For all the help in making this show a reality.  
**Dan Harrison:** For incredible technical support, expertise, and guidance.  
**Chris Willingham:** For creating and analyzing an instrument to analyze impact.  
**Kenneth Gibson & HCPS Fine Arts:** For supplies, space, costumes, and properties.  
**Jenny Gibson:** For helping with properties and publicity.  
**Debbie Miller, JMU Events:** For all the help in securing and coordinating the venue.  
**Southhard Audio:** For providing microphones.

## MARK YOUR CALENDARS

*Shenandoah Undergraduate Mathematics & Statistics Conference (SUMS), Oct. 21, 2019*