

**Welcome**



**October 7,  
2020**

**DADS' CLUB**

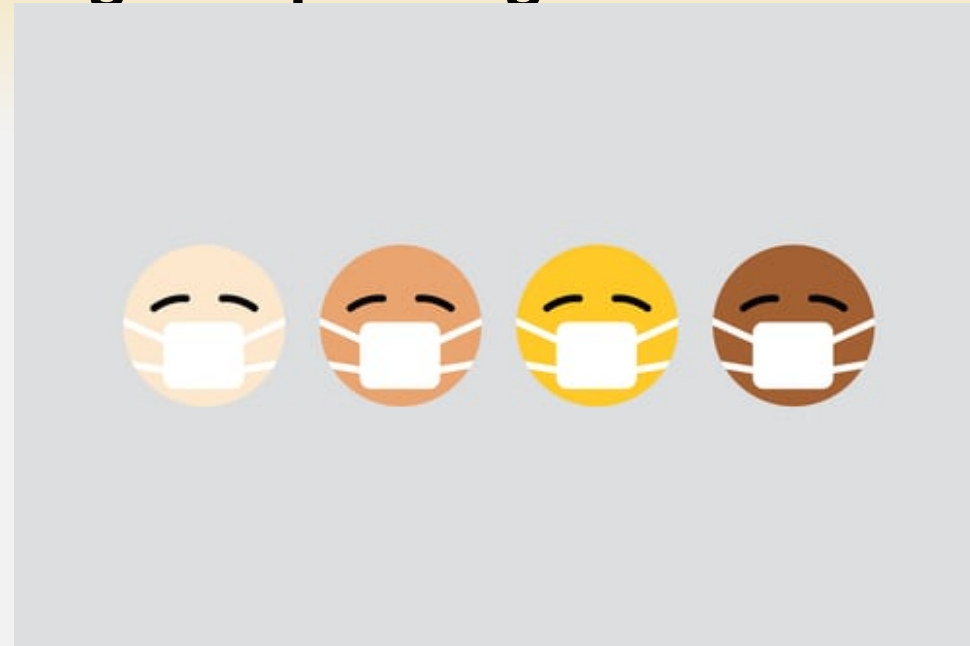
*Educating Women Who Make a Difference*

# IMPORTANT

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- Must wear a mask
- Stay socially distant
- If you're not feeling well please go home



# Tonight's Slides

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□ [mhsmi.org](http://mhsmi.org) → Mercy Life → Dads' Club → Meetings

# Agenda

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- Welcome
- Prayer: Catherine McAuley's Suscipe
- 2020-2021 Calendar of Events
- Available Chairman Positions
- Raffle Update
- Spirit Wear Pop-Up Shop Update
- Guest Speaker's: Mrs. Collen McMaster, Associate Principal Academic Affairs and Mr. Mark Hansen, Lead Mentor Robotics Team
- Upcoming Events and Closing Remarks

# Catherine McAuley's Suscipe

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**My God, I am yours for time and eternity.**

**Teach me to cast myself entirely**

**into the arms of Your loving Providence**

**with a lively, unlimited confidence in your compassionate, tender pity.**

**Grant me, O most merciful Redeemer,**

**That whatever you ordain or permit may be acceptable to me. Take from my**

**heart all painful anxiety; suffer nothing to sadden me but sin,**

**nothing to delight me but the hope of coming to the possession of You**

**my God and my all, in your everlasting kingdom. Amen**

**We thank you God for the gift of this day.**

# 2020-2021 General Meetings



Meetings will be held via Zoom or at Mercy if permitted

Date	Guest Speaker	Topic	Dinner	Location
September 2	Mrs. Nancy Malinowski, Athletic Director and Dads' Club Moderator and Dr. Cheryl Kreger, President	Welcome to Mercy, Mercy History and Sisters of Mercy	Detroit Theme (Coney dogs, Fries, Greek Salad, Stroh's, Faygo, etc.) <b>Home Cookin'</b>	Zoom
October 7	Mrs. Colleen McMaster, Associate Principal Academic Affairs	Robotics and STEM	Oktoberfest (including sausage, hot pretzels, beer, German beer)	Mercy
November 4	Mrs. Patricia Sattler, Principal	Why dads are important to daughters	Taco / Burrito Bar and Pacifico beer	TBD
December 2	Mrs. Holly Markiecki-Bennetts and Mrs. Trish Brown, School Counselors	Tips for studying & final exams & Counseling	Subs	TBD
January 6	Student Senate Elected Officials	Ideas, Improvement, Leadership	Chicken Shack	TBD
February 3	Mrs. Eleasha Tarplin, Dean of Student Affairs	Student Life & Discipline	Chili Cookoff	TBD
March 3	Traci Smith, Diversity, Inclusion and Equity Director and Mercy CORE Leaders	United by Diversity	John Cowley & Son's catering, downtown Farmington	TBD
April 7	Mr. Curt Klueg, Campus Minister	Faith & Service at Mercy	Spring BBQ	TBD
May 5	"Famous Alumnae"	Impact of Mercy education on future success	Father & Daughter Dinner (Steak, Kickin' Chicken', etc.)	TBD

# Chairman Positions

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- ❖ Spirit Week Bonfire – Rob Sherwin, **Co-Chair needed**
- ❖ Dads' Club Raffle – **Open (2 positions)**
- ❖ Family Liturgy: Randy D'Amore, **Co-Chair needed**
- ❖ Senior All-Night Party (SANP) – **Open**
- ❖ Athletics - **Open**
- ❖ Robotics – **Open**
- ❖ Dance & Parking Lot Hospitality (i.e. Security) - **Open**
- ❖ Other ideas?

Interested? Contact an Eboard member






# Spirit Wear Pop-Up Shop



[https://eagraphics.com/mercyhs/shop/products/dads\\_club?page=1](https://eagraphics.com/mercyhs/shop/products/dads_club?page=1)



 Mercy Dad's Club Full-Zip Hooded Sweatshirt  
\$30.00



 Mercy Dad's Club Knit Beanie  
\$10.00



 Mercy Dad's Club Midweight Hooded Sweatshirt  
\$25.00



 Mercy Dad's Club Performance Full-Zip Jacket



 Mercy Dad's Club Polo  
\$20.00




 Mercy Dad's Club Premium Heavyweight Sweatshirt



 Mercy Dad's Club Quarter-Zip Pullover Sweatshirt  
\$35.00



 Mercy Dad's Club Unstructured Cap  
\$10.00

Closes October 6

# Guest Speakers

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- ❑ **Mrs. Colleen McMaster, '81**
  - ❑ **Associate Principal Academic Affairs**
  
- ❑ **Mr. Mark Hansen**
  - ❑ **Lead Mentor, Mercy's Robotics Team**

# Colleen McMaster



## My Role:

- **Curriculum and Instruction**
- **Counseling Department**
- **Master Schedule**
- **Grading/Transcripts**

My goal is to work in partnership with you to help your daughter:



○ **Find her passion**

○ **Find her voice**

○ **Be prepared to**

**Make a Difference in the World!**

# Special Academic Experiences Coordinator

- **Dr. Alison Kline-Kator** ([akline-kator@mhsmi.org](mailto:akline-kator@mhsmi.org))
  - **New Role**
  - **Goal is to identify, develop and oversee student program experiences that are a result of professional community partnerships**
  - **Work in partnership with the Dads' Club to create these partnerships**

# Girls in STEM

- **iExplore**
- **AP Computer Science Principles**
- **AP Computer Science A**
- **Intro to Engineering - LTU**
- **Statistics - LTU**



# Robotics at Mercy



# What is Robotics ...

- It starts with a challenge or game.
- Develop a strategy to play the game.
- Design, build and program a robot to perform tasks.
- Teams compete in an arena in 3-robot vs 3-robot matches.
- Students work with Mentors (Coaches) from various industries.





# Are These Robots Serious ...

- 130 lbs
- Speeds up to 15 mph.
- Uses DC motors, pneumatics, or vacuum.
- Works with a driver or autonomously.
- Uses vision recognition, lasers, ultrasonics, and lidar.
- Traverses obstacles, climbs stairs, picks and places objects 8 ft in air, fires projectiles.
- Built strong to resist heavy defense (50g collisions).



# Riveter Robotics ... a Small Company

Marketing  
Department



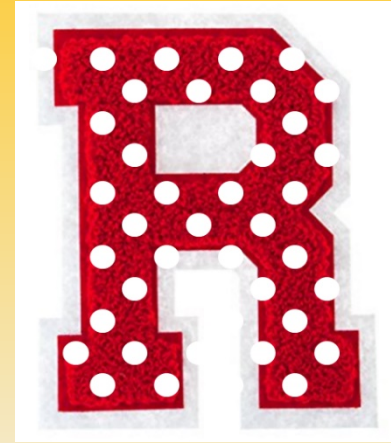
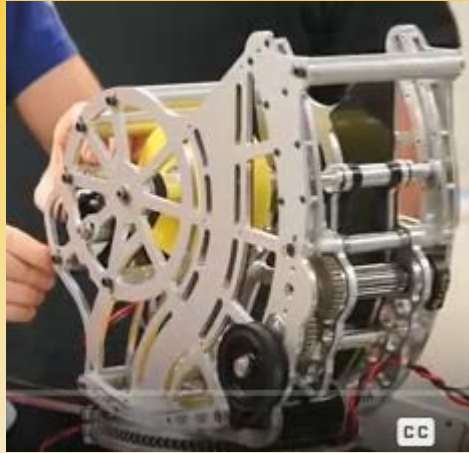
Engineering  
Department




Manufacturing  
Department



# A Student Perspective, Why Join Robotics ...



# Winning Isn't Everything ... But

2015	2016	2017	2018	2019	2020
					
Rosie Dos	Polkabot	Elenor Rosie-velt	Norma	Polkabot	R-81
<b>Awards</b>					
					
<b>112<sup>th</sup> in Michigan</b>	<b>52<sup>nd</sup> in Michigan</b> - Industrial Design - Safety - Quality - Imagery	<b>41<sup>st</sup> in Michigan</b> - District Winner - Entrepreneurship - Imagery	<b>190<sup>th</sup> in Michigan</b> - Entrepreneurship	<b>23<sup>rd</sup> in Michigan</b> - District Winner - Eng. Inspiration - Industrial Design	<b>23<sup>rd</sup> in Michigan</b> - Chairman's - District 2 <sup>nd</sup> Place
	<b>States-Grand Rapids Worlds-St. Louis</b>	<b>States-Saginaw Worlds-St. Louis</b>		<b>States-Saginaw Worlds-Detroit</b>	<i>COVID-19 Season Cancellation</i>

# How Can You Help...

- Volunteer behind the scenes
  - Tow a trailer to/from events
  - Legal document assistance
  - Help feed the team
  - Build wooden game structures
- Volunteer as a mentor (coach)
- Financial Support
  - Goal: fund the \$50,000 budget through corporate and private donations.
  - Long-term Goal: a Robotics practice and outreach facility.



# Upcoming Events / Closing Remarks

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- Wednesday, November 4 at 7:00 pm
  - General Membership Meeting
  - Guest Speaker: Mrs. Patricia Sattler, Principal
  - Location TBD: Zoom or possibly at Mercy

- Friday, December 11
  - Dads' Club Raffle Drawing

Staple	No. 00000	PLEASE PRINT	Name _____	Address _____	City/State _____	Phone/Email _____	MERCY HIGH SCHOOL DAD'S CLUB	 Established 1945	<b>MERCY HIGH SCHOOL</b> (Licensee)		No. 00000	
	<b>RAFFLE</b>								Run by the DADS' CLUB			First Prize: \$5,000.00 Second: \$1,000.00 Third: \$500.00
								Drawing: Friday, December 11, 2020 — 7:00 P.M.				
								Donation: \$5.00 each or a Book of 5 for \$20.00			Lic. # R59093	



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