

Meeting Minutes

2018-2019 Meeting No. 6

Date: February 13, 2019
Time: 7:15 A.M.
Location: Nello's (Royal Oak)

In Attendance: Carr, Kozak, Kelly, Matheny, Droze, Jason Edberg, Bryce Burkett

Absent: None

Via Conference Call: Palazzolo, Curtis, Sandahl

1. Call to Order (Carr)
Meeting called to order at 7:20am.
2. Approval of Agenda (Carr)
Motion to Approve the Agenda by Matheny, second by Droze, all in favor, Approved.
3. Past President Update/Report (Kelly)
No report. Kelly asked if there is anything he needs to do at this time. Carr mentioned that he will need Kelly's help with the award review. Awards are to be reviewed by Kelly, Carr and tie breaker Curtis. We have been late in the past to get award nominations to the Section by April 1st. Branch award nominations are due February 28, 2019. Matheny asked about Carr mentioning last meeting about having another Branch review our award nominations. Too late for this year, but we can consider for next year and future years. Curtis to verify if Jason Edberg is on the Constant Contact list (he hasn't received the email on award nominations). Carr to send out personal email to try to get nominations this week.
4. Approval of Meeting Minutes (Kozak)
 - a. January 2019 Minutes
Motion to Approve January Meeting Minutes by Droze, second by Matheny, all in favor, Approved. Kozak to send meeting minutes to Nicolls for posting on website.
5. Erie Hack Sponsorship Proposal – Jason Edberg
Edberg is on the advisory board for Erie Hack. Third year, broad competition. Goal is to use existing technology in a new way to solve a water quality problem. Several local stakeholders (GLWA, organizations in Ohio, etc.). Volunteer opportunity – several different ways to get involved. Looking for financial support for the High School Hack. First year this is in Detroit (2017 was in Cleveland). Event is third week of May (reaching out to schools to avoid final exam weeks). Representative from group is coordinating with each County to reach out to schools. Working out transportation details and day of the week (i.e. weekday vs. weekend). All day event. Varying sponsorship levels. \$25,000 local budget. \$40,000 to hold semifinals in Cleveland. Local budget is very close, but need a few more thousand dollars. Edberg went on to explain 2017 projects that have been presented in the past. Carr suggested to contribute \$1000 to Erie Hack Sponsorship. Motion to Sponsor \$1,000 for Erie Hack Program by Matheny, second by Kozak, all in favor, Approved. Edberg to work with Sandahl on Erie Hack sponsorship monies.

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6. Approval of Treasurer's Report (Sandahl)
 - a. October through December Treasurer's Reports
October and November were approved at January meeting and are filed. Sandahl working on finaling December and January reports. Sandahl needs final report from Matheny/Burkett for Zoo Program. Sandahl to work with Matheny on final numbers.
7. Member Services Committee (Droze)
 - a. Annual Meeting
Provided spreadsheet with potential costs for potential venues. Top Golf was hard to get a response from, so we are moving on from them (venue is pretty expensive regardless). Looking at April 27th for date. Carr suggested Lochmoor in Grosse Pointe as a venue and thinks he can get a discount. Carr to reach out to Droze by Monday. Droze thinks \$8000 budget is too low, need to consider increasing for next year. Edberg mentioned Cranbrook Science Center as a venue. Edberg to send Droze information on venue contact. Need to reach decision by next Friday at the latest.
 - b. Committee Chairs Update
Kozak to send out email stating what chairs we believe are still vacant so all can confirm.
 - c. Membership database change over status
Done – remove from next agenda (Carr).
 - d. Upcoming Programs
None.
8. Professional Activities Committee (Matheny)
 - a. Committee Chairs Update
None.
 - b. Upcoming Programs
 - i. Zoo Tour
Very successful – 46 people attended. Interesting topic. Looks like we will make a little money on the event. Burkett to help on the March 29th event with Matheny.

Other Programs:

ACM (Autonomous Cars) Tour scheduled for March 29, 2019. Matheny working on flyer. No fee for program, so may only need to charge for lunch.

Michigan Roads Panel Discussion – trying to schedule for March 18, 2019. Date is ok by Board, Matheny to proceed. Droze suggested a representative from a local Road Commission as a potential panel member.
9. Technical Activities (Tavio)
 - a. Committee Chairs Update
 - i. Vacant Chairs
A few vacant chairs to fill.
 - b. Upcoming Programs
 - i. LTU Program
Remove, fall program fell through.
 - ii. Concrete Pipe Plant
Scheduled for March 14, 2019 at Clarkston. They are fronting all costs, including lunch.

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- iii. Asphalt Plant
Spoke with Dwayne at Cadillac Asphalt but reconvening in Spring to discuss.
 - iv. HNTB I-94 project in Detroit
Never heard back, will reach out again.
10. CYM (Droze)
- a. Joint Events
None. Will discuss more when Wolters returns from maternity leave.
 - b. Student Night
Thursday, February 21, 2019 at Wayne State University.
 - c. CYM Scholarship
Out for applications.
 - d. Golf Outing
Contract signed.
 - e. CYM By-Laws
Remove from agenda (Carr).
 - f. Committee Meetings for January 2020 (MRLC).
Droze didn't make it to kickoff meeting, neither did Curtis. CYM to provide update.
11. President-Elect (Curtis)
- a. Newsletter – February
Curtis has started, adding additional programs discussed. Wants to wait to send out until we have venue for Annual Meeting. Curtis to email Matheny for Zoo Program writeup. Will include Erie Hack program.
 - b. Calendar Update
Updated.
 - c. Past Awards on website
Kelly/Droze have program and will send to Curtis to work with Nicolls to post on website.
12. Michigan Section News
- a. We need to have Award Nominations to the Michigan Section by April 1st. Our Section Deadline for nominations is February 28th so we will need to turn this around quickly.
Discussed above.
13. National News
- a. Life Membership request. The upcoming year's list of recipients can be requested beginning October 1st. Please provide all requests by February 8, 2019 after which certificates will be sent directly to each Life Member individually. Submit request to.
Carr sent out, needs to follow up.
 - b. Fly-In Attendance – Steve attending
Nothing additional.
14. Other Items to be Discussed
- a) Sandahl to complete December Treasurer report and provide for February meeting. On-going.
 - b) Droze to contact venues for Annual Meeting and secure date and location. On-going.
 - c) Carr to discuss alternative reviewer for Annual Meeting awards with Section. On-going.
 - d) All to brainstorm on new officer for 2019-2020 Branch Board. On-going.
 - e) Matheny to inform Carr of which committee chair is still vacant. Remove.

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- f) Carr to move Past President's Agenda item to #3 on the agenda for future agendas. **Done.**
- g) Curtis to send out mid-February Newsletter. **On-going.**
- h) Curtis to verify calendar is up to date. **On-going.**
- i) Wolters to research when other career fairs are held and when firms are hiring to determine if moving Student Night to the Fall is appropriate. **On-going.**
- j) Carr to update President templates for Kickoff Meeting and put on Google Drive. **Done.**
- k) Matheny to introduce George Mansour to Melissa McKinley. **On-going.**
- l) Kelly to look into a potential coworker for Construction Chair. **On-going.**
- m) Carr to coordinate with Rebecca Wolters with CYM to organize Branch/CYM social activity. **On-going.**
- n) CYM to tell Board what they need and how we can help for 2020 Regional Conference. **On-going.**

New Action Items

- a) Kozak to send approved January meeting minutes to Nicolls for posting on website.
- b) Curtis to verify if Jason Edberg is on the Constant Contact list (he hasn't received the email on award nominations).
- c) Carr to send out personal email to try to get nominations for awards this week.
- d) Matheny to reach out to Jason Stoops to see if he wants to fill Legislative Chair.
- e) Edberg to forward information to Sandahl on Erie Hack Sponsorship so \$1,000 can be donated to the cause.
- f) Matheny/Burkett to provide final report from Zoo program to Sandahl.
- g) Carr to look into Lochmoor venue in Grosse Pointe for Annual Meeting and provide information to Droze.
- h) Edberg to send Droze contact information for Cranbrook Science Center as potential venue for Annual Meeting.
- i) Droze to secure Annual Meeting venue by Friday, February 15, 2019.
- j) Kozak to review vacant chairs and send out list in email to all Board Members to confirm.
- k) Carr to remove item "Membership Database Change Over Status" and "CYM By-laws" from Droze agenda items on next agenda.
- l) Carr to follow up on Life Member request.
- m) Sandahl to complete December and January Treasurer report and provide for March meeting.
- n) Droze to contact venues for Annual Meeting and secure date and location.
- o) Carr to discuss alternative reviewer for Annual Meeting awards with Section.
- p) All to brainstorm on new officer for 2019-2020 Branch Board.
- q) Curtis to send out mid-February Newsletter.
- r) Curtis to verify calendar is up to date.
- s) Wolters to research when other career fairs are held and when firms are hiring to determine if moving Student Night to the Fall is appropriate.
- t) Matheny to introduce George Mansour to Melissa McKinley.
- u) Kelly to look into a potential coworker for Construction Chair.
- v) Carr to coordinate with Rebecca Wolters with CYM to organize Branch/CYM social activity.
- w) CYM to tell Board what they need and how we can help for 2020 MRLC.

Motion to adjourn meeting by Droze, second by Kozak at 8:25am, all in favor. Approved.

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Upcoming Meetings/Events

~~October 3, 2018 at 7:15 am – Board Meeting at Nello’s Restaurant, Royal Oak, MI~~

~~November 7, 2018 at 7:15am – Board Meeting at Nello’s Restaurant, Royal Oak, MI~~

~~December 5, 2018 at 7:15 am – Board Meeting at Nello’s Restaurant, Royal Oak, MI~~

~~January 9, 2019 at 7:15am – Board Meeting at Nello’s Restaurant, Royal Oak, MI~~

~~February 8, 2019 at 7:15 am – Board Meeting at Nello’s Restaurant, Royal Oak, MI~~

February 17th through the 23rd, 2019 – Engineers Week

February 21, 2019 – Student Night at Wayne State University

March 6, 2019 at 7:15am – Board Meeting at Nello’s Restaurant, Royal Oak, MI

March 14, 2019 – Northern Concrete Tour

March 29, 2019 – ACM Tour

April 3, 2019 at 7:15 am – Board Meeting at Nello’s Restaurant, Royal Oak, MI

April??, 2018 – Annual Meeting w/ ???

May 1, 2019 at 7:15am – Board Meeting at Nello’s Restaurant, Royal Oak, MI

June ???, 2018 – End of the Year Meeting at ???

June 27, 2019 – Annual Golf Outing at Greystone Golf Course

March 12 & 13 2019 - ASCE Society Washington D.C. Legislative Fly-in, Arlington, VA

January 10 & 11 – Multi-Regional Leadership Conference (hosted by CYM)

2019 ASCE SE BRANCH ANNUAL MEETING

VENUE	LOCATION	ESTIMATED COST	\$/person	Branch Subsidy	COMMENTS
Top Golf	Auburn Hills	\$ 9,530.50	\$ 127.07	\$ 52.07	Extraordinarily difficult to contact staff. Casual setting and what appears to be more casual food than prior v
Portofino - With Boat	Wyandotte	\$ 9,504.15	\$ 126.72	\$ 51.72	
Portofino - No Boat	Wyandotte	\$ 5,264.15	\$ 70.19	\$ (4.81)	
Gandy Dancer	Ann Arbor	\$ 6,162.00	\$ 82.16	\$ 7.16	Must Pre-Select Food. Outdoor covered seating with heaters
Andiamo	Detroit	\$ 8,120.00	\$ 108.27	\$ 33.27	Downtown Detroit location. Does not include Parking. Could also hold at other locations.
Arbor Brewing	Ann Arbor	TBD			Capacity is 65 people. Ypsilanti could accommodate a larger group.
Detroit Club	Detroit	\$ 12,341.00	\$ 164.55	\$ 89.55	Out of budget.
Guardian Building	Detroit	Declined Pursuit			\$5500 Venue Rental a likely non-starter
Detroit Historical Museum	Detroit	\$ 9,899.00	\$ 131.99	\$ 56.99	Awaiting Vendor to Return call.
Henry Ford - Rouge Plant	Dearborn	Declined Pursuit			Facility fee is \$3000. With food, this is beyond our budget.
Henry Ford - Taste of History	Dearborn	\$ 12,142.38	\$ 161.90	\$ 86.90	\$6000 food minimum. This could leave a significant liability if we have poor attendance.
Meadowbrook	Rochester	Declined Pursuit			\$4500 to rent + food/drinks. Not available on 4/27
Punch Bowl Social	Detroit	Declined Pursuit			\$10,000 to rent mezzanine for 3 hours - non-starter.
Art Museum	Ann Arbor	Declined Pursuit			Out of budget.
Ypsilanti Freight House	Ypsilanti	\$ 9,634.00	\$ 128.45	\$ 53.45	Booked on 4/27
Fox Hills	Salem	\$ 5,559.70	\$ 74.13	\$ (0.87)	Open

Celebrating 50 years of innovation on the banks of the burning river.



HIGH SCHOOL HACKATHON 2.0

Cleveland Water Alliance presents Erie Hack 2.0: the regional innovation challenge that accelerates technology solutions to Lake Erie's most pressing problems.

Once again, we are inviting our region's youth to join the movement as part of our High School Hackathon.

This national program is a part of CWA's mission to accelerate innovation, increase collaborative research and advocate for sound policy to help drive economic development and preserve the vitality of freshwater -- Lake Erie, in particular.

Erie Hack invites high school students interested in technology, entrepreneurship, environmentalism, engineering, creative problem solving and social impact to compete for \$1,000 in prizes and showcases their ideas across the Lake Erie region.

The 2019 High School Hackathon, spearheaded by partners in each participating city, promises to build on the success on the first Erie Hack competition in 2017 that attracted teams from Windsor to Buffalo and garnered national attention.

We want you to be a part of this year's event!

High School Hackathon 2.0 builds upon the momentum of Erie Hack 2.0, an innovation challenge for adults ranging from hobbyists to college students to working professionals. The winners of this challenge will earn \$100,000 in prizes as they accelerate solutions for Lake Erie. Learn more about the broader challenge on page 3.

What You'll Get As Our Partner

This event provides high value corporate social responsibility, community impact and brand visibility for our partners, as outlined on the following page.





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Visibility	Title Sponsor \$10,000	Basin Sponsor \$5,000	Watershed Sponsor \$2,500	River Sponsor \$1,000	Stream Sponsor \$500
Recognized as key sponsor (Logo on all event materials and banners)					
Logo on Award Check					
Provides Transportation					
Provides Lunch					
Provides Beverages and Snacks					
Logos on T-Shirts and Merch					
Spotlight on Social Media					
Recognition on Banners, Signs and Print Materials (tiered by sponsorship level)					

In 2017, the broader Erie Hack challenge had:

- 40+ Innovative Technology Solutions Generated
- 100+ Collaborating Organizations Engaged
- 22 Public Events in 6 Cities and 2 Countries
- 200+ Participating Innovators on 40+ Competing Teams
- 6 Key Challenges Identified by Community Ideation Process
- Press Coverage in 39 States, D.C., and Ontario from 150+ Press Outlets including TV, Radio, Print and NPR's "All Things Considered"
- 50+ million impressions via online press, televised content, and other local, regional and national news media outlets
- 45+ million impressions across multiple social media platforms including Facebook, Twitter, LinkedIn and Snapchat
- Continued acceleration of 11 Technologies including involvement in numerous projects, grant applications, and funding opportunities



Highest Performing High School Hack 2017 Team: Z-Spools

Z-Spools was the brainchild of Lorena James, a high school senior from Buffalo, N.Y. Lorena first engaged with entrepreneurship through her coursework at school. As a self-professed introvert, she was surprised and excited when her packaging redesign pitch to a local golf ball manufacturer was taken straight to the CEO and implemented. Empowered by this success, Lorena dedicated herself to her coursework with new vigor, sketching out plans to repurpose the invasive Zebra and Quagga mussel shells that litter Lake Erie beaches as useful products. With the support of Erie Hack partners from University at Buffalo, she developed her plan for Z-Spools, a startup that would manufacture affordable biodegradable 3-D printing materials out of invasive mussel waste.

Traveling to Cleveland to participate in the 2017 High School Erie Hack, Lorena collaborated with a high school student from Akron, who helped her file a provisional patent on the technology. Her share of the first place prize allowed her to pay for the patent. Now a freshman at Davidson College, Lorena has been awarded a \$7.5K Scholarship to file a non-provisional patent and accelerate her venture. She remembers her experience with the competition warmly: "Erie Hack was a life changing experience for me. Without it, I would never have pursued entrepreneurship as a career path.... it will continue with me for the rest of my life." Lorena's work is a shining example of the potential impact Erie Hack can have on high school students.

ABOUT



Innovation has long been a part of Lake Erie. But with today's technology, this unique water source is ripe for new technological and innovative advancements that can not only benefit our city, state and region, but our world.

Yet despite Lake Erie's essential role in our economy and new technologies, it is too often ignored as an economic engine, data resource and catalyst of innovation. Harmful algal blooms threaten the lake's economic impact of \$1.3 billion in the next 30 years, yet we continue to fall short in efforts to address the problem.

Cleveland Water Alliance (CWA), a coalition of forward-thinking research institutions, industry leaders, public utilities and agencies partners and environmental organizations, is working to elevate the value of our water through the Blue Economy. This new framework of regional economic development focuses on water tech and data innovations as a driver of prosperity, growth and health of our water.

Our aim is to position Lake Erie as a trailblazer in next-generation solutions for water challenges and create opportunities to lead emerging global markets and protect and grow this resource at home.

Join us in our mission to lead the Lake Erie region to better value, manage and capitalize on its precious supply of freshwater.

Help Us Build the Blue Economy Together



presented by



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Erie Hack 2.0: High School Hack Project Brief

BACKGROUND: ERIE HACK SUMMARY

Erie Hack, led by Cleveland Water Alliance, is a data and engineering competition designed to generate innovative technology solutions, or “hacks,” that address the Lake Erie Basin’s most pressing problems. This program, executed for the first time in 2017, leverages the expertise of researchers, designers, engineers, developers and creatives across the region to activate, cultivate and accelerate these hacks.

Led locally by TechTown Detroit and Wayne State University, Erie Hack is produced in collaboration with a coalition of institutions in six key Lake Erie region cities (Cleveland, Buffalo, Erie, Toledo, Windsor and Detroit). Regional partners include University at Buffalo Department of Sustainability, University at Buffalo Blackstone Launchpad, Innovation Collaborative in Erie PA, TechTown Detroit, University of Toledo, Wayne State University and WEtech Alliance in Windsor. These leaders are dedicated to collaborative regional development through innovation and entrepreneurship.

PROJECT DESCRIPTION

ERIE HACK 2.0 HIGH SCHOOL HACK

While the broader Erie Hack competition is run in complimentary stages over a multi-month period, a condensed high school hackathon was a key component of the 2017 program. This day-long challenge in Cleveland served as a pilot for bringing the Erie Hack concept into the youth engagement and education space. The 2017 Hackathon saw participation from as far as Windsor and Buffalo and produced solutions ranging from mobile applications for encouraging recreational engagement with water to interventions in the Flint water crisis. After this success, Cleveland Water Alliance is ready to scale the program across the broader Erie Hack region.

For Erie Hack 2.0, Cleveland Water Alliance and its regional partners aim to support each participating city to host its own high school hackathon. TechTown Detroit and Wayne State University, in partnership with Pure Oakland Water (POW), will lead the charge in SE Michigan by leveraging great partnerships with entities such as Oakland County School District, Detroit Public School District, community and civic partners, youth-serving organizations and more. For this next iteration of the High School Hack, two options will be put before Southeast Michigan HS students:

A

INNOVATOR

A multi-week engagement that will prepare students for a one-day hackathon with a series of sessions led by Erie Hack 2.0 Team Members and focused activities to structure student ideation and creation of new solutions. This track is designed for classes or after-school clubs that meet regularly and are able to dedicate 3-5 hours per week.

B

HACKER

A single day engagement that will put students through a rigorous “Hackathon” format that will allow them to form teams, create ideas, and pitch to expert judges. This track is designed for classes, clubs, or individuals who cannot commit additional time to their projects.



The winning high school teams will receive cash and prizes totaling over \$1000 and all promising innovations will be supported with business development services from local partner organizations to launch and/or sustain the solutions developed through the competition.

Value for Students: Z-Spools' Story

Z-Spools was the brainchild of Lorena James, a high school senior from Buffalo, NY. Lorena first engaged with entrepreneurship through her coursework at school. As a self-professed introvert, she was surprised and excited when her packaging redesign pitch to a local golf ball manufacturer was taken straight to the CEO and implemented. Empowered by this success, Lorena dedicated herself to her coursework with new vigor; sketching out plans to repurpose the invasive Zebra and Quagga mussel shells that litter Lake Erie beaches as useful products. With the support of Erie Hack partners from University at Buffalo, she developed her plan for Z-Spools, a startup that would manufacture affordable biodegradable 3-D printing materials out of invasive mussel waste. Traveling to Cleveland to participate in the 2017 High School Erie Hack, Lorena collaborated with a high school student from Akron who helped her file a provisional patent on the technology. Her half of the first place prize allowed her to pay for the patent. Now as a freshman at Davidson College, Lorena has been awarded a \$7.5K Scholarship to file a non-provisional patent and accelerate her venture. She remembers her experience with the competition warmly: ***“Erie Hack was a life changing experience for me. Without it, I would never have pursued entrepreneurship as a career path.... it will continue with me for the rest of my life.”*** Lorena’s work is shining example the potential impact of the Erie Hack on High School students.

PROJECT RETROSPECTIVE: ERIE HACK 2017

In 2017, Erie Hack activated over 200 techies, creative thinkers, and entrepreneurs from the U.S. and Canada to tackle Lake Erie’s key challenges with creative tech solutions. Though just in its first year, the program generated over 40 innovative solutions to water challenges, engaged over 100 partner organizations and attracted coverage from over 150 press outlets globally as it put the region’s best minds to work for our most precious resource. Other key outcomes include:

- **Six** key Lake Erie challenges identified by an ideation process co-created with NASA Glenn Research Center and conducted in communities around Lake Erie
- **200+** participating innovators on 40+ competing teams
- **100+** collaborating organizations
- **22** public events in 6 cities and 2 countries
- **100+** million impressions between traditional and social media
- **Coverage by 80+** published media pieces in 39 states, Washington D.C., Windsor Ontario and Guam
- Coverage by NPR’s **“All Things Considered”**
- **90%** of participating teams noted that they “See water resources and work in our region as more significant.”
- **73%** of participating teams noted they were “More interested in water-based innovation” after their engagement
- **Continued engagement** with 11 teams including involvement in numerous projects, grant applications, and funding opportunities



ERIE HACK 2.0 - HIGH SCHOOL HACK DAY AGENDA

9:15 – 10:00 – Open Registration

Staff welcomes young **Problem Solvers** as they are dropped off by personal transportation or scheduled group transportation (organized with partner schools). All **Problem Solvers** submit a completed waiver with adult approval.

10:00 – 10:15 – Welcome and Introductions

Problem Solvers and **Staff** get to know one another through structured icebreaker activities and review an overview of the day's events. Light snacks and refreshments are provided as everyone is introduced.

10:15 – 10:45 – Challenge Statement Overviews

Expert Mentors provide introductions to the key issues facing Lake Erie communities that **Problem Solvers** will focus on as they work together to develop **ideas**. **Problem Solvers** ask questions as **Mentors** facilitate.

10:45 – 11:45 – Team Formation Exercise

Structured activity helps each **Problem Solver** identify their personal skill sets and seek out partners with complimentary skill sets. Complete **Erie Hack Teams** emerge, composed of a "Hacker," a "Hustler," a "Hipster," and a "Hippie."

11:45 – 12:30 – Working Lunch

New **Teams** group off to have lunch together. Each **Team** is encouraged to document an unstructured brainstorm as everyone processes the information learned in the morning. **Ideas** begin to take more complete shape.

12:30 – 12:45 – Team Hack & Mentor Speed Dating

Teams rotate through 3-5 minute meetings with each **Mentor** to ask questions and pitch potential **ideas**. **Mentors** advise **Teams** on relevant resources and areas of research to pursue as they begin to develop their **Ideas** into a **Solution**.



12:45 – 1:00 Break

Teams and **Staff** socialize and relax as needed. Discussion of **Ideas** is tabled for a few minutes as everyone is encouraged to take a break, check phones, go to the bathroom etc. and recharge for the final push to the pitches.

1:00 – 2:15 – Team Hack – Refine Ideas into Solution

Teams work intensively to capture and synthesize the best **Ideas** developed so far into a single concept that is possible to pitch: their **Solution**. **Staff** and **Mentors** are available to facilitate the process as needed.

2:15 – 4:00 – Team Hack – Mentor sessions and Final Pitch Preparation

Teams develop a format and content for their pitch. Once ready, each **Team** practices pitching their **Solution** to **Staff** and **Mentors** to get feedback. If time permits, **Teams** practice and revise their pitch more than once.

4:00 – 5:30 – Pitch Contest

Teams present their **Solutions** to the **Judges** and **Community**. Parents and guardians are encouraged to attend. **Judges** break to evaluate each pitch and determine the winners.

5:45 – 6:00 – Award Ceremony and Prizes

Judges present Awards to each winning **Team** and share congratulations and parting advice. All **Teams** receive certificate documenting their completion of the program and a group photo.

6:00 – 6:30 – Closing and Departure

Staffs help all **Problem Solvers** connect with personal transportation or scheduled group transportation and break down event space.