PURPOSE OF THE PROGRAM:

An annual competition to bring together resources and talent in medicine, computer and data science.

This year focuses on –

- Multi-Disciplinary teams combining technical talent with healthcare/clinical expertise, to address Health Disparities.
- Provide education and mentoring for students/trainees/faculty.
- Raise profile and foster the community around Augmented Intelligence and intensive data analysis across universities.
- Create solution prototypes that help address Health Disparities. Submitters must identify one or two ethical challenges they feel their new technology might pose and how such challenges could be addressed.

ELIGIBILITY:

A single team from each school is invited to participate in the 3rd Coast Augmented Intelligence for Health Bowl. The participating university must have an associated medical school which can include existing program partnerships. All members of your team must belong to the same university and/or partner school. The students must be currently enrolled in their school for the Fall 2022 term/semester. Students that complete their academic career are permitted to remain on the team. There is a maximum of 7 members per team and a minimum of 4 members. Each team must include a member with healthcare/medical or other clinical expertise. This typically involves a medical student, medical resident, pharmacy trainee, or public/global health policy student. The team will need 1 faculty advisor/mentor – this is in addition to the minimum of 4 members. Each team must designate a contact person for their team. External participants are not permitted on the team roster; although teams can have advisors from outside their team. All team members must share a student or faculty affiliation with an accredited higher education school. If your team member graduates during the competition and obtains a corporate position, they are still permitted to participate in the competition. You may not add new team members during the course of the competition without consulting with the competition organizers. In the event that your team needs to replace or add a member, an appeals process to the Governance Group may be taken.

The deadline for team applications is 11:59 pm CST on September 16th, 2022. If a school has multiple team applications, the team with the higher score will move to the semi-finals. An invitation to participate...
in the 3rd Coast Augmented Intelligence for Health Bowl Semi-Finals will be issued to the teams with the highest score.

Teams will be required to complete an application, present their idea in the pitch contest, and present their completed product in the final competition. The venture should have the potential for viability as feasibility is a factor considered by the judging panel. Competing teams will own the Intellectual Property of their submissions.

OVERALL COMPETITION GUIDELINES:

All applications will be reviewed by the Governance Group. To ensure that the competition is fair for competing teams, a Judge Panel will be appointed. This Judge Panel will consist of industry and academic professionals.

There will be Two Rounds to this competition. The first round will occur in October (Semifinals) and the second will occur in May (Finals). This competition will take place over the course of seven months. Each team is required to be in full attendance for both the Semifinals and Finals Competitions. The members of winning teams from the Semifinals will be awarded points to attend webinars, workshops and the Finals Competition. These points will be part of the scoring rubric for the competition. In the event of a tie, the participation points will be used as a tie-breaker. Teams will receive one point for each member that attends each event. Workshops will be 2 points for each member per workshop.

Teams that win in the Semifinals will receive resources to support the development of their project for the Finals. Resources made available to final teams will be announced at a later date. Solutions are evaluated based on their technological advancement, real-world impact, their potential importance/benefit to humanity, and the potential of the AI solution to meaningfully address the grand challenge. Exact criteria will be finalized by the industry judge panel and announced before the competition starts.

SEMIFINALS GUIDELINES:

We will offer a Q&A with an industry and academic panel before the October Semi-final Competition. All teams will have the opportunity to sign up for a time slot to ask questions to the industry leaders. The objective of the Q&A is to help refine the team’s project idea. This Q&A will be offered in October, so teams can finalize their project before the October Semifinals. Each team will need to submit their pitch presentation by 11:59 pm CST on October 14th.

The Semi-finals will occur on a virtual platform. This will be a registration-required event. Every team will be required to be in full attendance on the day of the event. The complete competition agenda will be sent to each team prior to the competition date.

- Teams will be assigned 10 minutes to present their groundbreaking idea that addresses mitigating bias and health disparities.
● Teams share their plan but also should try to show that their plan incorporates novel advances that were not available at the start of the competition.
● Each team will have a quick 10 minutes Q&A with the Judge Panel directly after their presentation.
● Please note that this will be a recorded event.

FINALS GUIDELINES:

Winning teams from the Semifinals will have completed workshops and mentoring before the Finals. The months between the Semifinals and the Finals are to be used for developing a product based on their winning pitch idea.

This event will be hybrid but may change to virtual depending on the status of the COVID-19 pandemic. This will be a registration-required event. All participants and attendees will be notified of possible changes to the program. A completed agenda will be communicated to all participants and attendees before the date of the competition.

● Teams will be assigned 10 minutes to present their final product based on their pitch idea in the Semifinals.
● Each team will have a short Q&A with the Judge Panel directly after their presentation.
● Speakers from industry and academia will be scheduled throughout the competition.
● An awards ceremony will conclude the Finals.
● Please note that this will be a recorded event.

JUDGING:

Exact criteria will be finalized by the Governance Group and Judge Panel and announced before each portion of the competition starts. All decisions of the Semi-finals and Finals judging panels will be final.

The Application Judging Rubric:

● Team: Does the team composition include cross functional departments?
● Quality: Does the submission identify a clear and compelling problem?
● Health Disparity: Does the submission address issues of health disparity or bias in healthcare?
● Innovation: How creative or innovative is the idea?
● Success Metrics: Is there a clear measure of success? Are the goals for the idea clearly articulated?
● Scalability: Will the solution be around in 5 years?
● Organization: Was the solution logically organized and did it effectively communicate the problem and its solution?
DATA GUIDELINES:

Teams may use datasets available to them at their schools or in the public domain. Additionally, the competition has secured the use of datasets from sponsors that can be made available to teams. Data use agreements will be executed between the teams and the provider of the data. Teams should consider the profile of the population for each data set in relation to how representative that data is for their ideas. Teams will be provided with experts in the area of data, data ethics, and population health to help them think through the implications of the datasets available for their ideas. Teams are encouraged to consider the limitations of their datasets and the applicability to their use cases.

PRIZES:

Cash prizes will be awarded to the 1st, 2nd, and 3rd place teams from the Finals. $35k to first place, $10k for second place, and $5k for the 3rd place team. All teams will be eligible for additional bonus prizes that will be awarded at the Finals. Teams will need to provide a current W9 to receive payment. Checks will be made to their university and not to students individually. Checks will be mailed to the address on the W9 unless requested otherwise. Any Grand Prize money over $25,000 will be paid out in increments not to exceed $25,000 (unless an exception is requested in writing and granted at the discretion of the University) and certain team milestones will have to be met in order to receive each installment. The Governance Group for the Third Coast Augmented Intelligence for Health Bowl will conduct a progress check-in six months and a year after the competition. If the University determines, in its sole discretion, that one or more milestones are not met, the corresponding prize money may be forfeited. Illinois law states that no purchase or payment to NU is necessary to enter the competition, be eligible to compete for the prize or to receive information about the competition or prize.

Northwestern University reserves the right to withhold or deny prize money for any reason, including without limitation, conduct determined by the University to be detrimental to the University or University students and/or violations of the Northwestern University Student Code of Conduct or other University policies. For example, in the event Northwestern or any of its agents is made aware of any founder or other dispute which calls into question the equity ownership or capitalization table of the company, or ownership of any of the company’s intellectual property, funds will be not be awarded until the company has demonstrated to Northwestern’s satisfaction that such issues have been fully and finally resolved. All Northwestern decisions in respect of the foregoing matters shall be final, and neither Northwestern nor any of its faculty members or agents shall be liable to the company or any student or team member in connection with any forfeited award.

INTELLECTUAL PROPERTY:
Northwestern University respects the Intellectual Properties of others. Please do not disclose or include without permission the Intellectual Property of third parties in your application or pitch. In the event your pitch includes IP or concepts from other contributors, even if they are no longer involved in your company or participating in your pitch, you must acknowledge their contributions and involvement.

Please note that your pitch and ideas will be in front of the general public audience. The disclosure (and protection) of the ideas, intellectual property rights, and other information and materials in your application, pitch, and other materials are the ultimate responsibility of each Contestant. Contestants are urged to mark as CONFIDENTIAL (and take other reasonably prudent steps as necessary) any portion of their entries, which they consider to be proprietary, or of a sensitive nature. Contestants should be aware that disclosure of certain "patentable" concepts of their own or others that have not been protected in their entries may result in loss of patentability in many countries. Northwestern shall not be responsible for any disclosure, confidentiality or intellectual property issues, or other matters.

RELEASE:

Participation in the Third Coast Augmented Intelligence for Health Bowl is voluntary. By participating, Contestants irrevocably and unconditionally release and covenant not to sue Northwestern University and related entities, their successors, licensees, assigns, and their respective trustees, officers, faculty, employees, agents and representatives (collectively “Releasees”) from any and all claims, actions, damages, liabilities, losses, costs and expenses of any kind (including, without limitation, attorneys’ fees) (collectively “Claims”) arising out of, resulting from, or by reason of any application for and/or participation in or in connection with Third Coast Augmented Intelligence for Health Bowl, including, without limitation, any exhibition, advertising and/or promotion of Third Coast Augmented Intelligence for Health Bowl or any Contestant’s appearance in Third Coast Augmented Intelligence for Health Bowl, any disclosure of any idea, product, invention, service or business, the failure of University to select any Contestant as a participant, and/or the cancellation of Third Coast Augmented Intelligence for Health Bowl, on any legal theory whatsoever (including without limitation violation of privacy and publicity rights, false light, defamation, breach of express or implied contract, breach of any statutory or other duty of care owed under applicable laws, infringement of copyright, trademark or patent, loss, limitation or reduction of any intellectual property rights and loss of earnings or potential earnings). Each Contestant hereby agrees to defend and indemnify Northwestern University, together with each of the other Releasees, from and against any Claims and/or any third party claims initiated by any team members, former team members, or other third parties relating to the team, its business idea, participation in Third Coast Augmented Intelligence for Health Bowl and/or any awards or decisions made by Northwestern University related to any of the foregoing.