

2022 Virginias' Student Symposium



January 15, 2022

Dear ASCE Student Chapter of the Virginias' Student Conference:

This is your 2022 Virginias' Student Symposium Mailer II, the second of three packets to be sent to each of the participating ASCE Student Chapters in our Student Conference. We intend to host the entire conference in person unless conditions significantly change.

In terms of COVID19 policies, VMI does allow visitors and members of the public on campus. Our competitive events (concrete canoe, steel bridge, etc.) are designed to be open to the public, although we do ask that you socially distance as much as possible. Masking is required on VMI's campus for anyone that is not vaccinated. We intend to use the honor system with respect to enforcement and ask that all follow the appropriate guidelines in the spirit of doing what is best for public health and following the ASCE Code of Ethics. If your university has additional guidance for travel, then please defer to those policies while at the symposium. We do not intend to usurp any travel rules from your university.

We understand that in person attendance may not be possible for some of your universities due to current or upcoming travel restrictions. Currently, we have been informed that ASCE has a policy that the finals for all national events (Concrete Canoe, etc.) will be in person. In light of this fact, only those teams that participate in person at the Virginias Symposium will be eligible to move on to the national competitions. We will maintain this policy unless ASCE changes their rules for attending the national events. We do this out of necessity realizing this could provide a hardship for some schools. It is not our intention to exclude schools, but the possibility of hosting a hybrid event has proven extremely challenging. We thank you for your understanding and flexibility.

Please carefully read through this packet and forward copies to the appropriate chairpersons in your Student Chapter. Do not delete this mailer as information given within may not be repeated in subsequent mailers. Enclosed you will find the following information:

- Deadlines summary,
- Student chapter registration form,
- Tentative symposium schedule/plans,
- Competition rules and contacts, and
- Eligibility requirements for advancement to Society-wide competition finals.

Please note the school registration deadline was November 30, 2021. Most schools have not returned the school registration, but we understand considering the uncertainty that exists with attending an in person conference. We are not charging a late fee as long as your school pays all registration fees by February 15th. We thank you for your prompt reply. In the event that the conference has to go virtual, all registration fees will be returned.

If you have any questions, feel free to contact us at the e-mail address: vmiasceconference2022@gmail.com. All questions and answers concerning the events, rules, etc. will be posted on our web site: <https://studentsymposium.asce.org/virginias/>. We will do everything possible to answer your questions in a timely manner, but please be patient – we are learning as we go and planning during a pandemic has proven very challenging.

2022 Virginias' Student Symposium



We look forward to your participation in the inaugural Virginias' Student Symposium and providing an opportunity to engage with other student chapters and ASCE Region Leadership.

Sincerely,

Sam Moody
President, ASCE Student Chapter
Virginia Military Institute

Jimmy Hart
Chair, 2022 Virginias' Student Symposium
Virginia Military Institute

Tanjina Afrin, PhD, PE
Advisor, ASCE Student Chapter
Virginia Military Institute

Andrei Ramniceanu, PhD
Advisor, ASCE Student Chapter
Virginia Military Institute

Matthew Swenty, PhD, PE
Advisor, ASCE Student Chapter
Virginia Military Institute

Enclosures

Deadlines Summary

Participants:

October 30th	Mailer Receipt Confirmation
November 30th	Student Chapter Registration Postmarked
February 15th	Attendee Registration (postmark date)
March 10th	Final Date for Late Registrations
April 7-9th	Virginias' Student Symposium

Host:

October 15th	Mailer I
January 17th	Mailer II (updates, maps, attendee registration form)
March 1st	Mailer III (updates, parking info, final schedule)

Student Chapter Registration Form

Send to: VMI ASCE Student Chapter, Civil Engineering, 609 Nichols Hall, Lexington, VA 24450 **before November 30, 2021**

Registration is \$100 per school (if not already paid) and \$75 per student. Individual attendee registration fees are due **February 15, 2022**.

Make check payable to: VMI ASCE Student Chapter and send to student chapter mailing address shown above.

Student Chapter Name:

- We are participating in the symposium with approximately ___ students and faculty. (Your school will not be held to these numbers, but this will greatly assist in our planning efforts.) Enclosed please find our \$_____ student chapter registration fee.
 - We acknowledge that our student symposium is being planned as an in-person event and circumstances may change due to unpredictability of COVID-19 variants.
 - We are not participating in the symposium this year.
-

In which events does your student chapter plan to compete?

Society-wide Competitions

- ASCE Concrete Canoe Competition
- ASCE Innovation Contest*
- ASCE Sustainable Solutions Competition*
- Surveying Competition**
- AISC/ASCE Student Steel Bridge Competition

Local Competitions

- Hardy Cross Competition
- MARR Technical Paper Competition
- Scavenger Hunt
- Concrete Bowling Ball
- Engineering Trivia
- T-Shirt Design
- Water Filtration

*These events have had no interest from the schools currently registered. These events are subject to cancellation if no interest is shown by Feb. 15th.

**Because of little interest, this event is being changed to a different local surveying competition that does not require pre-submittals. More information will be provided soon and posted to the web site.

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Tentative Symposium Schedule/Plans

Thursday April 7th

Event	Time	Location
Welcome Table	5:30-8:00 PM	Entrance to NEB off Letcher Ave.
Captains Meeting	6:30-7:30 PM	NEB 501 - Engineering Library
T-Shirt Design Competition	5:30-8:00 PM	Submit at the Welcome Table by 8:00 PM
Scavenger Hunt	Ongoing	Pickup Instructions at the Registration Table
Concrete Canoe Presentations	8:00-10:00 PM	NEB 514 - Engineering Auditorium

Friday April 8th

Event	Time	Location
Concrete Canoe Check In	8:00 AM	Lake Robertson
Surveying Competition	1:00 PM	Lake Robertson
MARR Technical Paper	10:00 AM	NEB 501 - Engineering Library
Lunch	12:00 PM	Lake Robertson
Steel Bridge Meeting	5:00 PM	NEB 501 - Engineering Library
Business Meeting	5:00 PM	CLE - Hall of Valor
Dinner Meeting	6:00-8:00 PM	CLE - Hall of Valor

Saturday April 9th

Event	Time	Location
Steel Bridge Check In	8:00 AM	Drop Off Materials & Check In
Concrete Bowling Ball	10:00 AM	Front of NEB
Water Filtration	10:00 AM	Behind NEB - Engineering Drive
Lunch	12:00 PM	NEB 501 - Engineering Library
Engineering Trivia	1:00 PM	NEB 601 - Computer Lab
Hardy Cross	9:00 AM	NEB 514 - Engineering Auditorium
Scavenger Hunt Submissions	1:00 PM	Submissions Due
Awards	~ 3:00 PM	CPTF - After Steel Bridge Ends

Competition Rules and Contacts

Society-wide competition rules can be found at:

<https://www.asce.org/communities/student-members/conferences/rules>.

Local Competition Rules:

Surveying Competition Rules

If no additional schools show interest in the national ASCE Surveying Competition, then a local competition will be created. It will not require pre-submittals or have limitations on who can participate. More information will be provided and updated to the web site by February 15th.

MARR Paper and Hardy Cross Competition

- Please see the attached rules for the MARR Paper and Hardy Cross Competition
- Marr Paper Submission Deadline: **February 22** (Faculty Advisor must send it to brenda.villarreal@wsp.com)
- Hardy Cross Topic Deadline: **February 22** (Faculty Advisor must send it to brenda.villarreal@wsp.com)

Concrete Bowling Ball Competition

Concrete Bowling Ball is a locally hosted competition where competitors will design and build a concrete bowling ball.

The rules for the competition are as follows:

1. The weight of the bowling ball will be between 10 and 30 lbs.
2. The diameter of the bowling ball will be between 5 and 10 inches.
3. The main bowling ball must be primarily constructed from concrete.
4. The hollow/foam core must have a diameter less than 7 inches.
5. Competitors will roll 5 frames (3 pins each frame) from a distance of 30 ft.
6. A competitors points will be the total number of pins knocked over minus 3 times the weight of the lost weight of the material (lbs) if the ball is damaged.

Water Filtration Competition

The Water Filtration Competition is a competition where each team will construct a water filter from provided materials. The effectiveness of the filter will then be gauged by the change in turbidity after a dirty sample of water has been run through the filter. Each team will have 15 minutes to construct their filter. At the end of the 15 minutes each filter will be cycled and tested 2 times and the lowest turbidity for each team will be the kept score.

Engineering Trivia Competition

The engineering trivia competition will a collection of multiple choice FE style questions. Each team will race to be the first to answer each question correctly first. The winner of this competition will be the team that has accumulated the highest number of points at the end of the trivia.

T-Shirt Design Contest

The T-Shirt Design contest is a contest in which each participating school will wear custom made t-shirts pertaining to their schools ASCE chapter. Each school will vote for one other school that they feel has the best design. The winner of the competition will be the school with the most votes for their shirt design.

Scavenger Hunt

This competition will start on Thursday night and be ongoing throughout. The goal is to see some of the historical aspects of VMI as pertained to engineering. All sites will be within walking distance of the competition. Each team will take selfies of each site they find and submit them to see who finds the most examples.

Please see the Conference Web Site for Additional Information and Updates:

<https://studentsymposium.asce.org/virginias/>

Eligibility Requirements for Society-wide Competitions

PLEASE NOTE the following Society-wide Competitions webpage at:

<https://www.asce.org/communities/student-members/conferences/eligibility>

The following qualifications are required of all ASCE Student Chapters in order to advance to the ASCE Society-wide Competition Finals:

An ASCE Student Chapter must:

1. Be in good standing with ASCE:

a. Have paid their annual dues, as received by ASCE, prior to the start of the Student Symposium; and

b. Have submitted their student chapter full Annual Report **no later than February 1, 11:59 p.m.** EST, and have received a minimum score of 40 points out of a possible 100. Student Chapters that submit an EZ annual reporting form do not qualify; and

c. Act appropriately. As representatives of ASCE and the civil engineering profession, all competition and symposium participants are expected to and must act professionally and courteously. The use of alcohol, marijuana, or other controlled substance is strictly prohibited, including but not limited to competitions and banquets.

***Note:** Invitations to Symposium and Society-wide Competitions are a privilege, not a right. Failure to act appropriately can result in letters of reprimand, mandatory behavior management plans, and loss of invitations to further competition for individual institutions and/or entire conferences.*

2. Attend and participate in their assigned Student Symposium as shown through their school's:

a. Good faith participation in the annual Student Conference Business Meeting as a component of the Student Symposium. At least one (1) student representative shall be present at the start of the Business Meeting;

b. Good faith participation in the Student Symposium Paper Competition, including submission and presentation by at least one (1) member of the ASCE Student Chapter. Note that any papers/presentations created for any other competition do not count as an entry into the Student Symposium Paper Competition.

Attendee Registration Form

Please Email the following registration form to vmiasceconference2022@gmail.com or mail (address below) **on or before February 15, 2022**

Each symposium attendee (student, faculty, or friends) must register for the event. Please fill out the following page and send with a check, \$75 per person, to the student chapter mailing address shown above.

The registration fee covers the following:

- Symposium banquet
- Lunch on April 8th and 9th, 2022
- Symposium t-shirt
- Parking throughout
- Fees

Late Registration – ends March 10th, 2022

Any registrations postmarked after February 15, 2022 must pay a late registration fee of \$10.

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Attendee Registration Form Continued

Due: **On or before February 15, 2022.**

All attendees that will be participating in the events including the lunches and banquet are asked to register. Please indicate how many attendees will be coming from your school:

	Students	Faculty	Other	Total
Number of Attendees				

Participation Fee: \$75 x Total Number of Attendees = \$_____

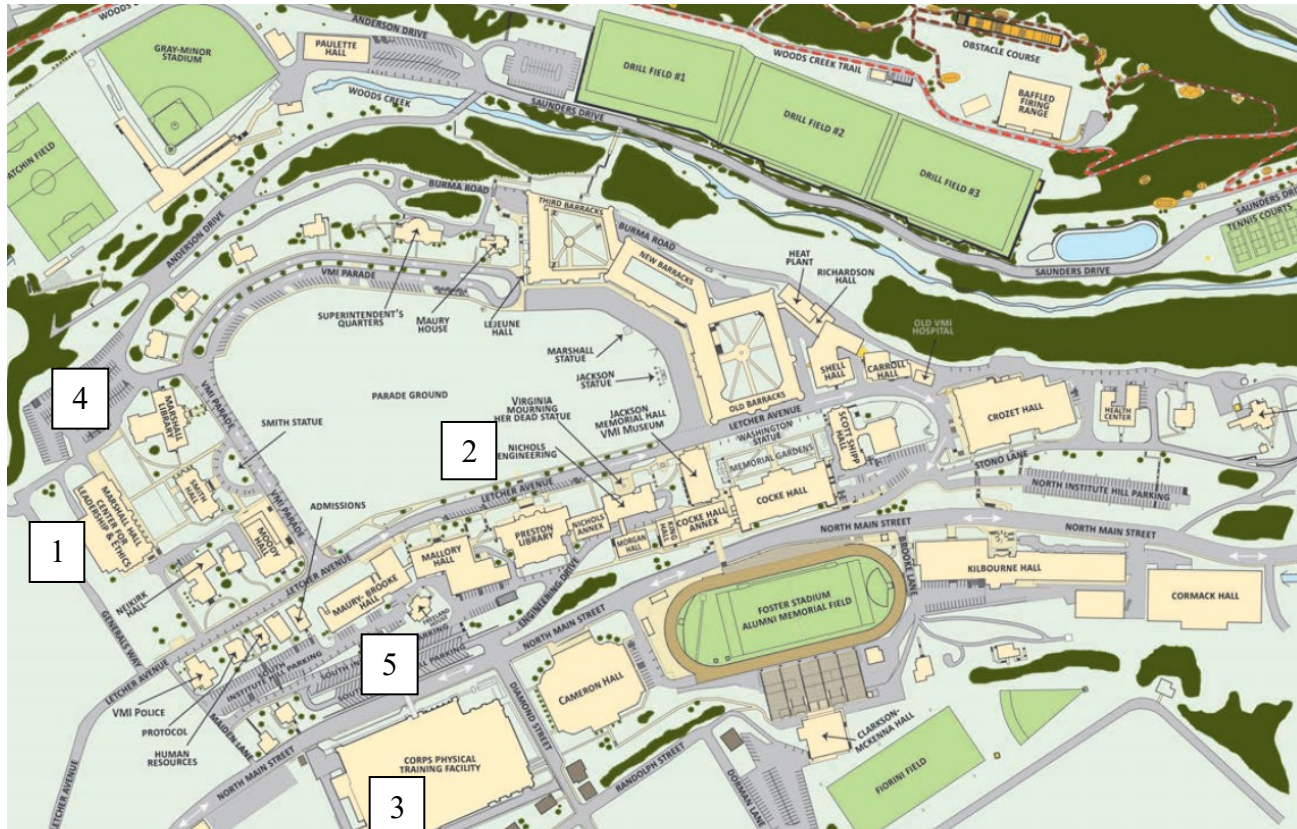
Make check(s) payable to: VMI ASCE Student Chapter and send to VMI Civil Engineering, 609 Nichols Hall, Lexington, VA 24450

Each attendee will receive a t-shirt. Please provide the sizes requested:

T-Shirt Sizes			
Small	Medium	Large	X-Large

Maps

Events will be hosted on the VMI Campus and at the Lake Robertson Park. Key locations are shown.



1. Marshall Hall – Center for Leadership and Ethics (CLE)
2. Nichols Engineering Building (NEB)
3. Corp Physical Training Facility (CPTF)
4. Parking for events at the CLE and NEB (Thursday & Friday Evenings)
5. Parking for events at the CPTF and NEB (Saturday)

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Lake Robertson is approximately 14 miles from VMI, but will likely take a 30-40 minute drive. The following directions are recommended and accessible for trailers and box trucks. Be careful following GPS directions. There are many routes that will take you over mountains that are not easily accessible. DO NOT approach Lake Robertson from the north via the Longdale Furnace Exit on I-64.

From VMI Take Business 11 South. Turn right at the intersection with Hwy 251 (Thornhill Road). This road will merge with Road 770 (Turnpike Rd). Continue on this route. Lake Robertson Drive will be on your right (Road 652). We will have parking assistance when you arrive.

