



Upward Bound Math & Science Center
presents

April 22nd
Live VC Session



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Today's Program Agenda



- Welcome / Introduction Icebreaker
- April ICCP Update
- Research Information / Examples
- Academic Instruction
- Interactive Activity
- Summer Activities Update
- Program Updates / Discussion / Closing

Get more information from the UBMS Blog:
<http://utaubms2.wordpress.com>

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Introduction



- ❑ **Welcome New Participants (6)**
- ❑ **Housekeeping Items:**
 - Session Powerpoint on the [Blog](#) (review/session)
 - Take notes during the session, ask questions when possible, extra information placed on Blog
 - *TEAMS usage* – during session:
 - When entering – click on 'Join Audio and camera' and 'Start Video/Microphone' (if available)
 - When arriving -*state name and location*; otherwise mics will be muted
 - Click on 'raise hand' to ask a question
 - Questions can be posted in chat, monitored and we will respond – click on chat the bottom of screen
 - Adjust your screen as desired
- ❑ **Watch Recording**
 - Take notes /record any questions on the feedback form
 - Return *VC Feedback Form* by **April 30th**

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Your Spark + Ice Breaker



Share your personal spark -
Ask students to find an object
to share: This is a perfect way to share
your personal spark – share a meaningful
object and tell a related story.



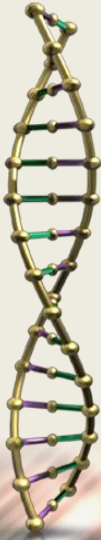
What is your dream (5+
years) after getting your
college degree

- State your name and location



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April ICCP Update



- ❑ Freshmen/Sophomores / Juniors:
 - Step 1 - A: Complete Rough Draft of *Research Report (Summary/Abstract/Paper)* & get it critiqued
 - Step 1 - B: Complete surveys – *Summer Inquiry/technology* available and summer plans and *athletic choice* preference.
 - Step 2: On or before **April 30th** submit final research report by e-mail (ubms@uta.edu).
- ❑ Seniors:
 - A: Review example *Academic Resumes* and submit a final resume
 - B: *Submit/forward* scanned copies of acceptance letters-top schools, award letters, FAFSA Student Aid Report, and any documents on achievement/ for file.

All: Copy of previous report card. All due April 30th

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April 9th Grade ICCP Activities

PART A: RESEARCH PROJECT COMPLETION

You will be finishing up your RESEARCH SUMMARY for the contest. I hope you are learning a lot and enjoying this activity. Please take a note of the crucial dates for submission of specific items for your research. Your information should be submitted by the due dates.

1. If you did not submit the [Research Project Form](#) and [survey](#) last month. **Note:** You will need to submit that information with PART A by the due date as well.
2. **ROUGH DRAFT:** Submit by **Mid-April** (We can critique your abstract and return it by the next day. If you feel you can get someone else to critique, you can do so and let us know.)
3. **FINAL DRAFT:** Submit by **ICCP Deadline** (Use the writing tools given to help you revise and do your final draft.) Email to: ubms@uta.edu
4. Review contest [criteria](#) to ensure all components are added for the report.
5. Submit your Research Abstract **ONLY** for ICCP Completion below.

Note: (Spines) and/or prizes will be awarded for the completion of the full report.

PART A: ICCP COMPLETION - SUMMARY

Return Research Report - **SUMMARY** (17 page)

Research Report Includes: Title Page, Outline, Summary, Reference page

Prizes will be awarded to Top Research Report

Use the space below to provide your rough draft by **Mid-April**. Final draft by **ICCP Deadline**.

Note: You cannot save any work in the box below. You should write your rough draft in another program like Microsoft word then transfer your work to this box after you have finished it.)

NAME: EMAIL:

RESEARCH REPORT SUMMARY:

REPORT REFERENCES:

PART B: SUMMER RESIDENTIAL INSTITUTE PREPARATION

We will be working hard to prepare for your participation this summer. You will begin working on various items, practicing and completing information before you come this summer.

1. **COMPLETE:** Summer Survey Answer each question to your best ability. [click HERE](#)
2. **REVIEW:** Review other information provided later this month for summer preparation. Also, be sure to complete required summer forms when received. Final Summer Team / Competition lists can be found on the [UBMS](#) blog later in May.

PART B: SUMMER RESIDENTIAL INSTITUTE SURVEY

Questions:

1. How are you preparing for activities? Those of you who are new participants what questions do you have?

2. What date did you complete the survey?

OPTIONAL: ACTION PLAN - WHERE ARE YOU NOW?

You will learn where you are using the Collegeboard's Action plan. If you haven't created a login/ account, following the link below, select your grade, and go through the steps answering the questions on the screen. After the login is created, review the plan that was created for you, and compare, and see how far you've come in accomplishing your goals (college and career). We encourage you to get your parents involved as well.

1. Go to: [Collegeboard Website](#)
2. **Feedback:** answer questions on the screen after reviewing your progress this year.

Are you making progress on your College plan checklist? (Y/N)

What other resources or information do you need to help you complete these goals?

[Submit](#)

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PART A: ACADEMIC RESUME & MATH/SCIENCE OBJECTIVE

Just like applying for a job, you need to have an academic resume that outlines your grades, coursework, honors & distinctions, hobbies, and interests. You should be able to sell yourself to your university or others and a resume provides an excellent at-a-glance sheet to help you with college and scholarship interviews, as well as filling out applications. **Academic resumes** can also double as a career resume when you have no actual work experience. You will find that keeping a resume with you at all times can work to your benefit. For your resume include all items that show your educational and career goals, academic history, class rank, GPA, achievements and honors, personal interests, etc. ****Note: If you have already created a resume for Bridge or other activity, you should improve it for this activity.**

Follow the steps to create your Academic Resume / Objective:

1. Go to [CollegeBoard's Website](#) and read about what a resume is and what it includes. Then go to the [Princeton Review](#) website to read about academic resumes.
2. After reading and reviewing the information on those websites create and/or improve your resume.
3. Next, create a resume objective relating to the math & science career (i.e. doctor, engineer, teacher, business, etc.) you are interested in for college. The objective will change based on what you are using the resume for. It is placed after your name and contact information.
4. Use the following links to see examples of resumes and for additional help: ["How to Write a High School Resume"](#), ["Examples and Templates"](#), ["Sample and Action Verbs"](#), ["A Step-by-Step Guide"](#).

You can also browse ["Career Builder"](#), ["Monster"](#) or ["Google"](#) or another site to review sample resumes and objective examples to improve your resume even more. If you still need help finding a resource for sample resumes, please let us know.

6. Save your resume / objective you create in a safe place. Print out a copy of everything you created.

Reminder (if needed): Use 'CollegeBoard' or 'Google' to search for additional scholarships. Use the various resources we told you about apply for more scholarships.

Email your academic resume to: ubms@uta.edu

PART B: SUBMISSION OF DOCUMENTS

We need copies of various items below for our records. Please submit copies of the items to UBMS so that we can complete your file for the program.

How: Send an e-mail to ubms@uta.edu (mail only if necessary) with the items attached. You can attach screenshots, pictures of acceptance letters/awards, etc. to the e-mail.

1. Inform us of the date you submitted your information for the FAFSA (see below).
2. Provide a copy of the EESA/SAR – (You will receive this after submitting your FAFSA. (If you do not have a copy of the SAR yet, contact FAFSA, or go online to download a copy at www.fafsa.gov.)
3. Copy of Acceptance Letters for all the colleges/universities Accepted (via fax).
4. Copy of your Award Letter(s) for the college/university you are most likely to attend this Fall 2020.
5. Copy of special awards/achievements received during the school year.

**Provide any other pertinent information that will be important for the program to know*

Provide the date you submitted your FAFSA:

OPTIONAL: Action Plan - "Where Are You Now in Preparing for College"

You will learn where you are using the Collegeboard's Action plan. If you haven't created a login account, following the link below, select your grade, and go through the steps answering the questions on the screen. After the login is created, review the plan that was created for you, and compare, and see how far you've come in accomplishing your goals (college and career). We encourage you to get your parents involved as well.

1. Go to: The [CollegeBoard](#) Website
2. Review: Check your progress on your 'action plan'. Think about your goals you made.
3. Feedback: Answer questions on the screen after reviewing your progress this year.

OR view the senior year checklist here: [Bigfuture college planning calendar seniors](#)

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Research Information/ Examples

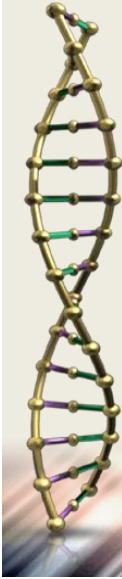


- Mr. Abul H Rahaman, PhD Student
- Dr. Richard Raleigh

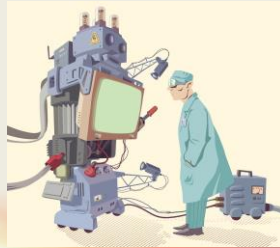


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Academic Instruction: Math

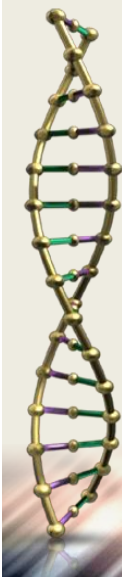


- **Abdul Rahaman**, Ph D Student
Mechanical Engineering Student,
UBMS Faculty



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INTERACTIVE ACTIVITY

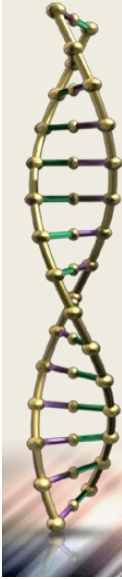


- **Guest Speaker via TED TALKS:**
 - **Eddie Woo**
 - https://www.ted.com/talks/eddie_woo_how_math_is_our_real_sixth_sense



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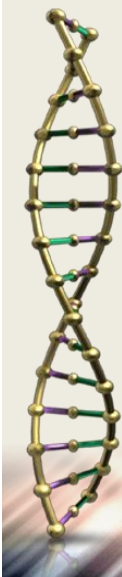
TED TALK – Discussion Questions



- Have you thought about any phenomenon in your every day? What ideas do you have now?
- Fractals (fractions), broken and shattered shapes around us. What patterns do you see?
- How do you think this applies to you pursuing an career?

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Academic Tips – Math/Science



Presented by: Dr. Raleigh

- ACT Preparation – Quick Tips/Review
 - Guide: <https://www.act.org/content/dam/act/unsecured/documents/Preparing-for-the-ACT.pdf>
 - Test Day Tips: <https://www.act.org/content/act/en/products-and-services/the-act/test-day.html>
- More on the Blog to help prepare for SAT and AP: <https://utabms2.wordpress.com/students-and-the-classroom-2/staar-test-tips/>

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COMPARISON

OF THE ACT TO THE SAT®

	ACT	SAT
Calculator allowed for entire math test	✓	✗
Essay is optional	✓	✓
No penalty for guessing	✓	✓
Free daily practice questions	✓	✓
Free test practice	✓	✓
Test fees waived for eligible students	✓	✓
Fee waiver students eligible for college application fee waiver	✓	✓
Free score reports	✓	✓
All tests 1 hour or less	✓	✗
Measures what students learn in high school	✓	✓
Students have access to English learner supports	✓	✗
Students get a STEM score	✓	✗
Subject scores are balanced	✓	✗
Testing time	2 hours 55 minutes + 40-minute essay (optional)	3 hours + 50-minute essay (optional)
Structure	4 tests + optional writing test	3 tests + optional essay
Longest test	1 hour	1 hour 20 minutes
Shortest test	35 minutes	35 minutes

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2021 Summer Update

Typical Summer Residential Institute – Brief Overview

- 6 weeks summer program. Take academic (AP & collegiate based) classes to help prepare for next school year / college.
- Have experiences with STEM college majors, research professionals & participate in competitions with classmates.
- Attend career, college and personal development workshops and collegiate conferences.
- Attend enrichment trips to educational and cultural events.

Summer Dates: Monday, June 14th – Saturday, July 23rd (Kickoff June 9th – 10th)

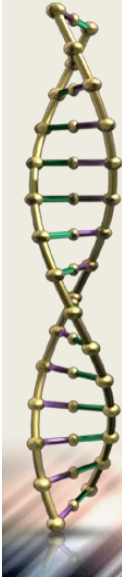
Summer 2021: Due to not being able to host you overnight, we will continue with virtual activities this summer. But we will be providing some great opportunities for you to participate and interact.

- You will complete classes, activities and other events through an online portal. Stipend will be earned.
- Please complete [Summer Inquiry Survey](#) to update us on your ability to join us this summer. Including address updates. **THIS IS CRITICAL. April ICCP PART B**
- Plan/Save date on your calendar to attend **Parent / Participant Summer Orientation – Thursday, May 20th @ 6:15 pm (this will be required).**
- Mailings will be provided – please make sure we have the right address for you.

Forms: Summer Form package, mailed soon – return deadline: May 20th

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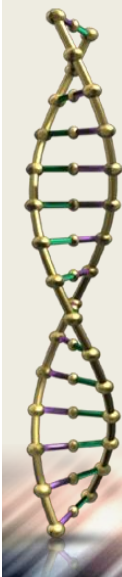
2021 Summer Update cont'd



- More Details – hot off the press
 - Increased Stipends
 - Meal Cards
 - TSI preparation/testing, use for Dual Credit and college enrollment
 - In-Person Activities in your area
 - STEM Projects
 - Enrichment Activities / Cultural Activities
 - Meals throughout the day
- Questions?

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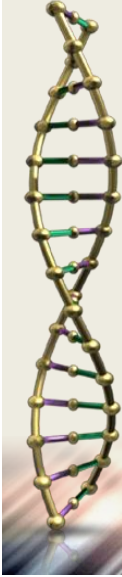
UBMS Program Updates



- ICCP Activities: April ICCP due [April 30th](#)**
 - Research Project Reports – Prizes will be awarded to top projects
 - Awarded in May / June
- Makeup Activities:** send all missing activities by [May 14th](#)
- May ICCP Activities – Upcoming!, due [May 14th](#):**
 - [9th/10th/11th](#) : Get to know you, Program/Self Evaluations
 - [12th](#): Program / Self Evaluations & Senior Profile Exit Form
 - **Community Service hours due** (*minimum 15 hours due*)
- May 12-13th:** Online Tutoring from 6:00 -7:00 pm
- Mandatory Summer Parent Meeting – May 20th @ 6:15 pm CDT** (*Participants & Parents – **ALL REQUIRED TO ATTEND***)
- SENIORS: ADMISSION / SCHOLARSHIP REMINDERS**
 - Congratulations Bridge participants!
 - Complete ICCP activities to receive *Honor cord / Certificate*
 - Have you completed requirements for Fall Admissions:
 - *Review Awards letters*
 - *Sign-up for New student orientation (top school)*
 - *Requested Housing, etc.*
 - *Contact Dr. Raleigh if need help with any of these and others*

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Virtual Learning Discussion



- Q: How are you doing with online learning now? Any issues?
 - *Are you turning in assignments, keeping up with classes, studying, etc.*
- Q: Do you have any tips to share?

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FINAL REMINDERS

Last Video Conferencing Session – May 20th .

- *Remember: All summer participants **must** attend.*
- *All seniors should attend for recognition.*
- *You must do everything possible to attend. By not attending, it will affect your ability to be apart of the activities this summer.*

**We wish you the best in your
classes & upcoming tests.**

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