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Welcome Note!!!

Dear PREM Club fellows!

Welcome to our #1 issue! We hope this message finds you in HIGH spirits as we wrap up our Spring semester. As the co-presidents & vice president, it is our pleasure to introduce the first edition of the NCCU PREM Club Newsletter.

This semester has been a whirlwind of activities, complemented by the challenges of our demanding courses. We have been truly amazed by the enthusiasm and dedication you have all shown towards the club. It is heartening to see the positive impact our members made with our school community.

We’re excited about what we have accomplished together and look forward to even greater achievements in the future. Thank you for being an integral part of this journey!!!

1 Club Announcements

1.1 Dive into the World of Research with the PREM Club at NCCU!

At the Partnership for Research and Education in Materials (PREM) Club, we champion the ambitions of students eager to elevate their academic journey through research opportunities in STEM fields. We understand that securing undergraduate research positions can be daunting, especially for freshmen and sophomores at large institutions like Duke, NC State, or UNC Chapel Hill. That’s where we come in.

1.2 Why Join Us?

• **Unique Research Opportunities:** At NC Central, we break down barriers to entry for undergraduate research, offering an array of initiatives to immerse you in the dynamic world of scientific inquiry.

• **Mentorship & Skill Building:** Beyond just research, we provide robust mentorship, preparing you to present your findings like a pro, whether through captivating scientific posters or compelling oral presentations.

• **More Than Just STEM:** Our club is about balance — expect to engage in exhilarating social activities, from tie-dye extravaganzas infused with a dash of paint magic to popcorn-filled movie nights and beyond.

• **Gateway to Prestige:** As the year culminates, select students will have the chance to partake in a Research Experience for Undergraduates (REU) at the acclaimed materials science school at Penn State. Others may pursue coveted internships with industry giants like IBM or prestigious national labs such as Fermi National Accelerator Laboratory.

Embrace the Adventure! We’re not just a club; we’re a community driven by curiosity, innovation, and excitement. If you’re ready to embark on a journey that marries the rigor of research with the joy of discovery and camaraderie, the PREM Club is your gateway. Join us to not only enhance your academic career but to forge lasting memories and friendships.

**All PREM-PAID students are expected to attend the monthly PREM meetings. If you’re unable to attend, please promptly inform the E-Board, thank you!**

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PREM Club Newsletter

sites.psu.edu/nccuprem

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2 Outbound Trips

2.1 Triangle Student Research Competition

The Annual Triangle Student Research Competition (TSRC) extends an invitation to graduate students, undergraduate students, and post-docs to showcase their research through poster presentations among peers and industry professionals within the Triangle area. This event presents a stellar opportunity for participants to enhance their professional communication skills, vie for a research award, and forge valuable connections with academia, industry, and government organizations. Additionally, TSRC’s collaboration with industry judges and sponsors offers a unique avenue to explore career possibilities.

- **Sofia Sanchez Lemus**
  Researched Topic: *Self-healing Polytetrahydrofuran/Graphene Nanocomposites by In Situ Polymerization.*

- **Shamella Myrick**
  Researched Topic: *Evaluation of Photo-Induced Antibacterial Activity of Graphene/Polythiophene Nanohybrids.*

- **Precious Anavberokhai**
  Researched Topic: *IR Spectroscopy of Nano-sized Particles of Conducting Polymers.*

- **Wisdom Benson**
  Researched Topic: *Synthesis and Optical Properties of Triple Cation, Tin-Lead Alloy Perovskite Thin Films*

2.2 Pennsylvania State STEM Graduate Open House

To prepare our students for the upcoming phase of their academic journey, a select group was offered the chance to visit the Penn State campus to discover the vast array of opportunities available. The open house allowed them to dive into research interests via personal interactions with potential research advisors. The visit included comprehensive tours of academic programs, meetings with heads of the admissions committee, and informative sessions led by Penn State faculty, staff, and students. These activities provided valuable insights into the university’s resources and offered a glimpse into the graduate education experience.

2.3 AGEP at Michigan State University

Alliances for Graduate Education and the Professoriate (AGEP) at Michigan State University (MSU) is dedicated to enhancing the recruitment, retention, and graduation rates of underrepresented U.S. minorities in doctoral programs within the natural and social sciences, mathematics, and engineering fields. Graduate students, post-docs, and faculty members who actively contribute to fostering the AGEP community at MSU are an instrumental force driving transformative change within the culture of U.S. colleges and universities. Their contribu-
tions are pivotal in developing world-class STEM and SBE faculties that truly mirror the U.S. population’s di-
versity in race, gender, culture, and intellectual prowess.

3 Featured Activity

3.1 Tie-Dye-Mixer!

The tie-dye mixer offered an excellent opportunity for PREM students and other clubs to engage creatively and socially. This fantastic event not only fostered creativity among our students but also provided a relaxed setting for staff members to interact informally with students. Moreover, it played a significant role in strengthening the social network between the school and the broader community, enhancing the communal experience.

4 Community Outreach

4.1 Trunk or Treat!

Some of our students joined forces with the school’s Student Government Association (SGA) to host a community outreach event tailored for elementary-aged children. This initiative offered a secure setting for 'trunk or treat' festivities, crafts, and opportunities for these young participants to engage with Student Leaders, who stood as inspiring role models. A heartfelt thank you goes out to all who played a part in organizing and leading this event, thereby ensuring its success and fostering a positive impact on the community.

4.2 ACS/ PREM

Our club joined forces with the American Chemical Society (ACS) chapter at NCCU to orchestrate a distinctive educational event. Together, we dedicated our efforts to enlightening students at the J.D. Clement Early College High School, situated on the NCCU campus, about 'The Healing Power of Chemistry.' This event furnished these young scholars with hands-on experiences, demonstrating the crucial role chemistry plays in healthcare and healing. Moreover, it offered an interactive platform for them to delve into scientific concepts practically.
5 Club Resources

PREM club fellows help other PREM club fellows. If you need any help with various subjects don’t hesitate to reach out some of our students!

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Club Advisor: Dr. Marvin Wu; mwu@nccu.edu
Club Advisor: Dr. Fei Yan; fyan@nccu.edu

6 How to Get Involved!

Become part of the club!

- Click here "NCCU PREM Club Member Application" fill out the application and email it to us.
- Join the Groupme!

or scan the QR code!