

Student Working Group

NEWSLETTER

JANUARY 2022



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SAVE THE DATE

FEB 17 2022 INFORMATICS SUMMIT EARLY DEADLINE

MARCH 21-24 2022 INFORMATICS SUMMIT

MAY 24-26 CLINICAL INFORMATICS CONFERENCE 2022

REACH OUT TO US



AMIASTUDENTWG.SLACK.COM

Send us a request to join our slack channel!



@AMIASTWG



Email the Co-Editor

MXH2000@CUMC.COLUMBIA.EDU

PREVIOUS EDITIONS OF STWG NEWSLETTER AT:
AMIA.ORG/COMMUNITY/WORKING-GROUPS/STUDENT/
STUDENT-WORKING-GROUP-NEWSLETTER

Welcome to the AMIA student working group newsletter: January edition!

STUDENT EDITORIAL BOARD OPPORTUNITIES

Student Editorial Boards provide outstanding informatics trainees with opportunities to receive in-depth exposure to the peer-review process and the operation of a scientific journal.

Applied Clinical Informatics Journal

Applications due April 1, 2022!

Journal of Biomedical Informatics

Applications due February 20, 2022!

DOCTORAL DISSERTATION AWARD 2022

The AMIA Doctoral Dissertation Award offers high-value and prestigious recognition for the top informatics doctoral dissertation! Each of the two winners receives:

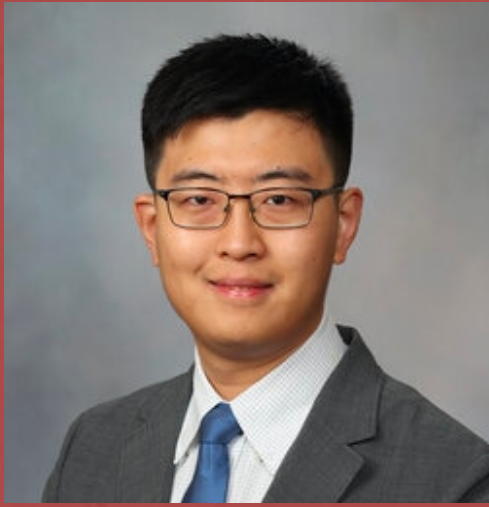
- Cash award (\$7500 for first prize, \$2500 for honorable mention)
- Presentation on award-winning research at AMIA Annual Symposium
- AMIA Annual Symposium registration and travel and accommodation stipend

Applications due February 1, 2022!

STUDENT VOLUNTEER PROGRAM - AMIA INFORMATICS SUMMIT 2022

AMIA Informatics Summit 2022 is just around the corner and applications for the Student Volunteer Program are now open! Apply now to get your registration fee waived. Applications due February 17, 2022!

JANUARY 2022 SPOTLIGHT



YANSHAN WANG

Assistant Professor and Vice Chair of Research
Department of Health Information Management,
University of Pittsburgh
Chair-elect, Natural Language Processing Working
Group

GET TO KNOW

BACKGROUND

Dr. Wang's research focuses on natural language processing (NLP) methodologies and applications in healthcare using electronic health record data. His research goal is to leverage different dimensions of data and data-driven computational approaches to meet the needs of clinicians, researchers, and patients.

NLP WORKING GROUP

Currently, Dr. Wang serves as the Chair-Elect for the NLP working group. In previous years, the group has welcomed students to join the journal club meetings, and the Annual AMIA presymposium event where students can submit and present their papers. This event also includes a PhD dissertation competition. In other years, the NLP group supported a hackathon where researchers could present their NLP tools.

WHO SHOULD JOIN:

Students interested in learning more about NLP!

HOW TO GET INVOLVED:

Interested students are invited to attend the monthly meetings. Other opportunities for students include the journal club meetings and the Annual AMIA presymposium event.

WHO SHOULD I CONTACT?

Yanshan Wang: yanshan.wang@pitt.edu

STUDENT SPOTLIGHT



JIIYOUN SONG, PHD, AGACNP-BC, RN

Postdoctoral Fellow

Columbia University School of Nursing

Member, Nursing Informatics Working Group

HOW DID YOU
BECOME
INTERESTED IN
INFORMATICS?

I became interested in informatics to increase early identification and interventions for patients at risk and to improve decision-making using data after my clinical experience in an acute care setting. My research interests are developing decision support tools for clinicians using large datasets (e.g., structured data) adding on untapped data resources (e.g., clinical narrative notes, verbal communications) to early identify patients at risk.

EXPERIENCE IN THE
NURSING
INFORMATICS WORKING
GROUP

Through the Nursing Informatics Working Group, I was able to learn the latest trends in nursing informatics research, discover other viewpoints on nursing informatics, and make many new collaborations. Becoming a member doesn't require you to have clear research questions. Join the group and connect with others who share the same concerns, challenges, and goals as you.

WHAT DO YOU HOPE TO
SEE GROW IN
INFORMATICS IN THE
FUTURE?

I personally hope to see the lowering of resistance to getting artificial intelligence assistance in the health care field. The skills and knowledge of healthcare providers can never be replaced, however, incorporating big data, informatics, and artificial intelligence into clinical decision-making will be able to support healthcare providers.

WHAT ADVICE WOULD
YOU OFFER STUDENTS
JUST STARTING IN
INFORMATICS?

You should seek out something.

(1) Seek out fun. Play with the data, manipulate it, and watch what machines/computers do!

(2) Seek out updated knowledge. The informatics field continues to grow vastly and rapidly. Be a self-learner and keep updating your random-access memory (RAM).

(3) Seek out advice from other disciplines. Experts in their fields will provide unique perspectives, not just because of the importance of multidisciplinary approaches.