Student Opportunities

INTERNATIONAL MEMBERS-AT-LARGE POSITIONS

Apply to be a Member-at-Large in the AMIA student working group! We have positions open at the International level. Members-at-Large participate in the work of the Executive Committee and carry out the interest of their respective sub-group representation. Reach out to Bradley Iott (Bradley.Iott@ucsf.edu) for more details.

AMIA STWG SOCIAL MEDIA AMBASSADOR

AMIA STWG is looking for social media ambassadors to manage and create content for our social media channels! Apply now if you want to be on top of the latest happenings in AMIA and love sharing AMIA news #AMIASTWG. Email Sanya (sbt12@pitt.edu) or Mollie (mxh2000@columbia.edu) to apply.

AMIA/HL7 FHIR APPLICATION COMPETITION 2023 - CALL FOR ORGANIZER

AMIA/HL7 FHIR Committee is calling for interested individuals to serve as the organizer of the FHIR competition during the 2023 AMIA Symposium. The organizer will have the opportunity to facilitate the presentations as part of the competition, recruit reviewers and manage the reviews and selection of competition finalists while gaining valuable exposure and networking opportunities with high-level app developers, researchers, and scientists. Interested individuals are invited to forward their CV/resume, and a short (less than 500 words) statement of interest to Brian J. Douthit (brian.j.douthit@vanderbilt.edu) by March 17. For additional information refer to the flyer.

AMIA INFORMATICS SUMMIT 2023 - STUDENT HOUSING SHARE

Are you planning to attend AMIA's Informatics Summit 2023 in Seattle, WA? If so, there is an opportunity for you to express an interest in potential housing share with other students who may be attending as well. Please feel free to provide your information and interest in potential housing share. Note: This is a publicly accessible document.
https://tinyurl.com/4vrpubjt

In this issue:

1 STUDENT SPOTLIGHT: CHENYU LI

2 WORKING GROUP SPOTLIGHT: DIANE M. KORNGIEBEL, DPHIL

Save the date:

AMIA DISSERTATION AWARD SUBMISSION DEADLINE : FEB 15, 2023

NEXT STWG MONTHLY MEETING: FEB 17, 2023

AMIA INFORMATICS SUMMIT MARCH 13 - 16, 2023

AMIA CLINICAL INFORMATICS CONFERENCE MAY 23 - 25, 2023

MEDINFO2023 JULY 8 - 12, 2023

AMIASTUDENTWG.SLACK.COM

@AMIASTWG

STUDENT SPOTLIGHT

Chenyu Li

PhD Student

University of Pittsburgh

School of Medicine

AMIA Certified Health Informatics Professional

Please describe your research interests.

My research interests center on utilizing natural language processing (NLP) techniques to extract and analyze Social Determinants of Health (SDoH) data from electronic health records (EHRs). Specifically, my thesis aims to investigate how SDoH influence healthcare outcomes through the secondary use of EHR data, and to develop clinical decision support systems that consider SDoH as a crucial factor in care delivery. Through this work, I aim to advance our understanding of the impact of SDoH on health outcomes and to develop tools that can help providers deliver more effective, patient-centered care.

Please describe your experience with receiving the AMIA Certified Health Informatics Professional certification. How can students pursue this certification?

To be eligible, individuals must have a graduate degree in health informatics or a related field, and have sufficient experience in health informatics.To prepare for the exam, I reviewed the outline of exam topics and references provided by AMIA. I also took the Foundations of Biomedical Informatics course at Pitt, which helped me review technical terms and improve my foundational knowledge. Additionally, many courses I took at Hopkins, such as Clinical Decision Support and Leading Change in Health Informatics, also contributed to my preparation. Students who wish to pursue the certification can start by reviewing the exam topics outlined by AMIA on their website, and supplement their understanding through relevant work experience. They can also consider taking relevant courses or training programs. I'm happy to offer help/detailed information about the certification , please contact me if you have any questions: chenyu.li@pitt.edu

What advice would you offer students in or just starting in informatics?

As a student in this field, it's important to explore areas that interest you and to gain a broad understanding of the field as a whole. One useful tool for gaining this understanding is the Informatics Stack, developed by Dr. Harold Lehmann. This framework provides a clear understanding of the different layers of the field and how each layer interacts with each other. It is also important to stay current with the latest technology and trends. Participating in research projects can provide valuable hands-on experience, help you build your skills, and allow you to network. Finally, it is important to be flexible and open to new skills, as the field is constantly evolving. Keep informed, stay engaged, and be willing to seize opportunities as they arise.

What is something that you hope to see develop in the informatics space?

The field of health informatics is expected to see continued growth and development in the upcoming years, with a focus on utilizing Artificial Intelligence and Machine Learning, Interoperability and Health Information Exchange, Telemedicine, Open Data, Open Science and Open-source software. These advancements are expected to improve healthcare delivery, leading to better care coordination, improved patient outcomes, cost-effective solutions, and increased collaboration and transparency in the field.

WORKING GROUP SPOTLIGHT

Diane M. Korngiebel, DPhil

**Ethical, Legal, and Social Issues (ELSI)
Working Group Chair
ELSI Scholar at Google**

1. briefly describe your background/research interests.

I'm a social scientist interested in the responsible development and deployment of tools that use artificial intelligence techniques. I'm an Ethical, Legal, and Social Implications Scholar and AI Principles Ethicist at Google on the Responsible Innovation team. I'm also an affiliate Associate Professor in two departments at the University of Washington, Seattle: Biomedical Informatics and Bioethics.

2. please tell us about your role in the ELSI Working Group

I just started my two-year service period as the Chair of the Ethical, Legal, and Social Issues (ELSI) Working Group. I provide leadership-level administrative support to the working group as we collaboratively pursue projects related to ELSI in informatics. After 25 years, the ELSI Working Group has become one of the world's leading sources of education and scholarship on ethics and health information technology. I'm looking forward to continuing and building on this tradition—including by finding more ways to include students in our work!

3. What opportunities does the ELSI WG have for students?

The ELSI WG is highly collaborative and your ideas for projects and new areas to explore would add enormous value to our group. For example, we are developing a collection of online resources covering topics in ELSI for biomedical informatics. Students interested in contributing can be paired with domain-expert members to collaborate on a topic. In addition, WG members are available to mentor or advise on papers, grant applications, and other initiatives that would benefit from an ELSI perspective. Members can also offer career advice or serve as a safe space to discuss career-related issues. We have members who work in academia, health systems, government, and industry.

4. Who should join the ELSI WG? How do you join the working group?

ELSI is, by its nature, cross-disciplinary—which means everyone should consider joining, and all types of experience and expertise are needed and welcome! Our working group meetings are listed on the AMIA calendar of events and you can also sign up for the ELSI listserv through AMIA Connect to post and respond to discussion threads. Joining is as easy as just showing up.