The Women in AMIA
UPDATE

Monthly E-Newsletter

SUBCOMMITTEE UPDATES FROM WOMEN IN AMIA

In this issue of the newsletter:

- We present updates from the different Women in AMIA subcommittees as well as their future plans (p. 2).
- WIA members lead ACP Webinar on Clinical Informatics, June 9, 2021 (p. 6)
- Introducing the new Awards and Leadership Subcommittee co-Chairs (p. 7)

Previous issues of the WIA newsletter can be found on the Women in AMIA webpage here.

Steering Committee Members:
Tiffani Bright, Wendy Chapman, Prerna Dua, Tiffany Leung, Allison McCoy, Omolola Ogunyemi, Margarita Sordo, Donghua Tao, Kelly Taylor (AMIA Staff), Rebecca Wilgus, Karmen Williams

Subcommittee Updates from Women in AMIA

Women in AMIA has four subcommittees: Awards and Leadership; Career Advancement; Networking, Mentoring and Lifecycle; and Pipeline. On the next few pages, each subcommittee gives a brief overview of its accomplishments in 2020 and plans for 2021.
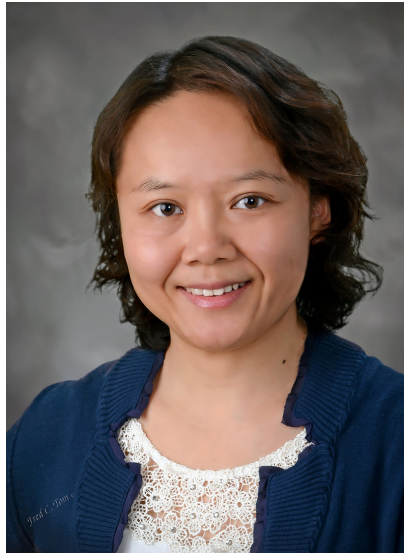
Awards and Leadership

Outgoing chair: Tiffany Leung (2019-2021)
Incoming co-chairs: Xia Jing and Sabrina Hsueh (2021-2022)

Tiffany Leung, MD   Xia Jing, PhD   Sabrina Hsueh, PhD

The Awards & Leadership Subcommittee is starting the next cycle of award nominations for the AMIA Signature Awards! We previously provided (in a past WIA newsletter) some tips on nomination letter writing and gladly serve as a sounding board for others planning on preparing nominations for any award or recognition opportunity. In the meantime, I'd like to congratulate Drs. Xia Jing and Sabrina Hsueh, who will serve as co-chairs of the Awards & Leadership Subcommittee! As members of the A&L SC from the inception, they will continue to advance the important work of our subcommittee, together with the WIA Steering Committee. I extend my personal "Thank You!" to WIA, members of A&L SC, and supporters for a wonderful learning experience as we work together towards shared visions of equity and inclusion in our field.

- Tiffany

Career Advancement
Chair: Rebecca (Becky) Wilgus (2020-2022)

Started in 2017, the CAC vision is to promote advancement, leadership, and success of women in all roles within biomedical informatics and to support Women in AMIA's vision to prosper "through diverse members who are supported and empowered to reach their career goals."

To accomplish our vision our initiatives include:
- Engaging and educating women in biomedical informatics on career advancement.
- Facilitating networking and mentoring activities to support career advancement.
- Informing and partnering with members of the AMIA community on issues related to the career advancement of women in biomedical informatics.

Long Term Goals: Increase female participation, recognition, and success across all career stages in academic, clinical, industry and other non-academic biomedical informatics settings.

In 2018, the committee completed and published a Salary Survey: https://www.amia.org/sites/default/files/AMIA-2018-Salary-Survey-20181031.pdf

Our priority for 2020-2021 is a **Career Advancement Guide**, a collection of resources to help navigate career advancement in biomedical informatics. Future efforts include the completion of a **Funding Mechanisms Guide** and **Grant Repository**, which aim to provide resources for researchers interested in learning more about common sources of funding for biomedical informatics projects and seeing examples of funded and unfunded grant proposals in areas of biomedical informatics.

Women in academic and non-academic organizations in roles and stages of biomedical informatics careers are invited to join this sub-committee!
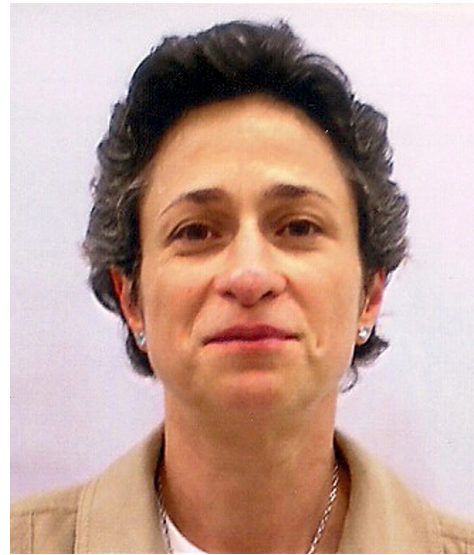
Networking, Mentoring and Lifecycle

Co-chairs: Donghua Tao and Margarita Sordo (2020-2022)

Donghua Tao, PhD   Margarita Sordo, PhD

- Hosted virtual WINE events at both 2020 AMIA Annual Symposium in November and 2021 Informatics Summitt in March.
- Hosted panel discussion at 2020 AMIA Annual Symposium on "Evidence-based Work-Life Balance Needs and Suggested Solutions from Career Lifecycle, Gender and Ethnicity, and Managerial Perspectives." About 50 people participated in this virtual panel session.
- Submitted panel discussion to 2021 AMIA Annual Symposium about "Career Development Issues for Women in Biomedical Informatics within Professional Organizations."
- AMIA-HOSA Panel. In collaboration with Health Occupations Students of America (HOSA) Minnesota Chapter, hosted a panel discussion on April 28th, 2021 for high school students who would like to become healthcare professionals in the future on "Navigation Pathways to the Field of Biomedical Informatics." Panelists included Dr. Omolola Ogunyemi, Dr. Deepti Pandita, Dr. Tiffani Bright, and Dr. Brett South. agreed to be the panelists.
- Lifecycle survey project. The committee administered a survey in 2017 and conducted a modified survey in 2020. The survey project team is working on publishing the survey results.

Pipeline

Co-chairs: Allison McCoy and Karmen Williams (2020-2022)

Allison McCoy, PhD

Karmen Williams, DrPH

The AMIA First Look Program has successfully hosted underrepresented, undergraduate women for 4 years. This year, we plan to increase mentorship with First Look participants before and after the AMIA meetings, complete and release our internship database, and focus on examining the barriers to the retention of women in AMIA.

We also host AMIA's "For Your Informatics" podcast (formerly the WIA Podcast), where we explore the limitless world of medical informatics. With 16 episodes currently available, we are looking forward to showcasing more amazing careers, topics, and relevant material for our listeners. Listen now at amia.org/amia-podcasts, iTunes, Apple Music, Amazon, SoundCloud, and iHeart Radio. You can also follow us @FYInformatics on Twitter, Instagram, LinkedIn, and Facebook.

We would love for you to help by being a mentor for participants in the First Look Program and providing feedback to us on how to keep you involved in AMIA.

Upcoming Webinar in American College of Physicians on Clinical Informatics

Demystifying Careers in Clinical Informatics for Internal Medicine Trained Physicians

Featuring Deepti Pandita, Tiffany Leung, Arlene Chung, Meera Subash and Jessica Ruff

Wednesday, June 9, 3:00 – 4:00 p.m. ET

Clinical informatics (CI) is an increasingly recognized medical specialty in recent years, with multiple pathways for training and certification. Internal Medicine trained informaticians, including medical specialists, have access to a wide and growing variety of leadership, executive, educational, research, and more. Among all current CI diplomates, Internal Medicine trained physicians make up the largest proportion (>50%) of any specialty represented in the field. As a relatively new specialty, the importance of maintaining equity, diversity, and inclusion in this career pipeline is vital for the profession and for medicine in general.

In this webinar, expert faculty who are board-certified and board-eligible Internal Medicine trained informaticians describe how clinical informatics can be an ideal career pathway. Also, participants will have an opportunity to interact with faculty in small virtual breakout groups to discuss important issues and challenges in advancing diversity, equity, and inclusion in clinical informatics.

All members are welcome, especially medical students and residents interested in learning more about clinical informatics careers are encouraged to attend.

Learning Objectives:
1. Identify training opportunities and pathways towards an informatics career, including increasing awareness among trainees of the value of clinical informatics training pathways.
2. State reasons why diversity, equity, and inclusion in clinical informatics is important in medicine.
3. Recognize opportunities to promote increased equity, diversity, and inclusion in the specialty of clinical informatics.

Contact for registration information when it becomes available: t.leung@maastrichtuniversity.nl

Introducing the New Awards and Leadership Subcommittee co-Chairs

Dr. Xia Jing - Assistant Professor, Clemson-MUSC Biomedical Data Science and Informatics Program, Clemson University

Dr. Xia Jing is a health informatics scholar in the Department of Public Health Sciences (DPHS), College of Behavioral, Social, and Health Sciences at Clemson University. She has systematic education and training in medical informatics, health informatics, and clinical informatics. Her main research interests involve developing new methods, models, and applications to facilitate biomedical researchers, clinicians, and healthcare administrators to make better-informed decisions when utilizing existing evidence. On the basic science of health informatics, she and her collaborators conduct studies to explore clinicians' research hypothesis generation process via secondary data analytic tools (funded via NIH R15); on the applied science of health informatics, she and her collaborators explore better management and maintenance of clinical decision support rules in primary care settings, especially the under-resourced settings (funded via NIH R01). She teaches various undergraduate and doctoral health informatics courses.

Dr. Pei-Yun Sabrina Hsueh, Bayesian Health Inc.

Dr. Pei-Yun Sabrina Hsueh, PhD, FAMIA, is an accomplished health AI leader who has extensive experience in applying data science to optimize precision healthcare delivery with data-driven insights in industrial solutions. Dr. Hsueh is currently leading the AI team of Bayesian Health Inc. and has been elected into the Class of Fellows of the American Medical Informatics Association. She is also serving as the Past Chair of the AMIA Consumer and Pervasive Health Informatics Work Group and on the ACM Practitioners Board. For WIA, she has been helping formulate the WIA leadership program with other distinguished and devoted WIA leaders. In addition, she has been leading a series of events in MEDINFO, MIE, SBM, KDD, and AMIA to identify gaps in making data-driven insights interpretable and actionable in clinical practice. She previously served as the Chair of the IBM Research Health Informatics Professional Community and Research Staff Member at the Centre of Computational Health and Member of IBM Academy of Technology. She has obtained 20+ patents, authored 50+ scientific publications and books on Machine Learning for Medicine and Healthcare and Personal Health Informatics and edited special issues for Sensors Journal and JAMIA Open with a focus on Precision Medicine in the Era of Patient-centered Care.

Drop us a line!

Women in AMIA would love to hear from you about what's working, what's not and what to feature in future editions of the newsletter. We also have some questions for you: How are you dealing with COVID-19? In these trying times, how are you focusing on the positive?

Please email us at:

AMIA-2020womeninamiasteeringcommittee@ConnectedCommunity.org

Upcoming Episodes:

- Emory's Project NeLL
- Forgotten No More Series *featuring New York Times Journalist Pagan Kennedy*
- Clinical Informatics Fellowship Directors