# Student Working Group
# NEWSLETTER
## December 2021

**AMIA**
INFORMATICS PROFESSIONALS. LEADING THE WAY.

## ANNOUNCEMENTS:

**1** Introduction

**2** ACI Call for Papers

**3** New opportunities

**4** Student spotlight

**5** Know your leaders- Matthew Sakumoto

## 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

## An Introduction to us

Welcome to the AMIA student working group newsletter: December edition! We took a break in November but we are back with new spotlights and opportunities for December!

## ACI Call for Papers and reviewers

The Applied Clinical Informatics (ACI Open) Journal is looking for article submissions and reviewers.

- **Open Access**. We are open access, so we can share and highlight your work with a broad audience.
- **Great for students & trainees**. ACI Open is particularly beneficial to students and trainees, with an editorial board that can provide guidance during the review process.
- **Low fees.** ACI Open implements a "Pay What You Want" policy for Article Publication Charges, meaning that authors can pay any amount they feel appropriate upon acceptance of your article.

Manuscript submission is available here: https://mc.manuscriptcentral.com/aciopen

## IMIA call for reviewers

The International Medical Informatics Association (IMIA) is looking for potential reviewers for their 2022 IMIA Yearbook. Great opportunity to dive into interesting peer reviews!
Apply: http://adrien-ugon.fr/IMIA_Yearbook/skills.php

# NEW OPPORTUNITIES

### Health Analyst Summer Internship - MITRE
Are you interested in a paid summer internship to see firsthand how your education and interest in informatics can make a difference in our nation? Consider joining the MITRE Corporation's VA Health, Innovation & Central Office (HICO) Team as a Health Analyst Intern to learn Veteran's Affairs (VA) health administration, operations, and analytics. Interns will have opportunities to work on multiple projects, cross-pollinate good ideas across the government, and continuously learn. To find additional information and to apply soon, visit *https://careers.mitre.org/us/en/job/R105838/Health-Analyst-Intern*.

HICO is an interdisciplinary department at MITRE that thrives on having adaptable and diverse skillsets to support comprehensive analysis and drive analytical, evidence-based decision making with our sponsors. They value people who can bring unique perspectives, experiences, and who are driven to learning novel technologies. The team works in partnership with the government to solve problems in the public interest, and also actively conducts independent research in areas of interest to our government partners.

### Translational Bioinformatics Year-in-Review Team for 2022 Informatics Summit
This presentation is a highlight at the Summit each year and student volunteers learn to screen and review the most notable translational bioinformatics and data science articles published during the past year. An excellent networking opportunity and CV point!
*Apply by December 31 at forms.gle/Pj5TLtWGbMSfXfCM6.*

### Junior Editor, AMIA Student Working Group Newsletter
Are you interested in learning more about AMIA and meeting fellow AMIA members and leaders? Are you looking for a way to get involved in the student working group? Reach out to join our team as a junior editor for the newsletter! For more details, contact Sanya (sbt12@pitt.edu) or Mollie (mxh2000@cumc.columbia.edu).

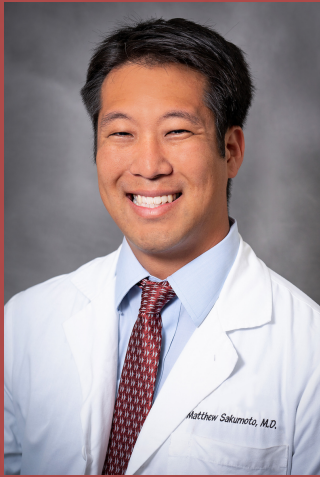### Women in AMIA Leadership and Awards Subcommittee Volunteers
The Women in AMIA Leadership and Awards subcommittee is looking for 2-3 people who are interested in helping with data collection and visualization. The data includes institutions and genders of program directors for informatics academic institutions, clinical informatics fellowship programs, AMIA leadership, and AMIA signature awards. The data collection will begin in January, and the estimated time commitment is about 5 hours per week for approximately 3 months.
To learn more about AMIA and academic informatics leadership and get involved, email Ashley Griffin at griffina@stanford.edu.

# NOVEMBER 2021 SPOTLIGHT



## Matthew Sakumoto

Division of General Internal Medicine, University of California San Francisco School of Medicine
Chair-elect, primary care working group

# GET TO KNOW

### Background

Dr. Sakumoto has a background in internal medicine and primary care. He spends most of his time seeing patients via telehelath appointments. One of his interests in AMIA stems from transitioning away from manual charting. He is also interested in the ability to look at big data to support pouplation health informatics.

### Primary care working group

Dr. Sakumoto vision for the Primary Care Working Group is to provide a space to connect individuals interested in primary care research with resources- similar to how primary care helps coordinate patient care! Past interests of the group include creating a tool to help connect patients to community resources.

### WHO SHOULD JOIN:

Students interested in primary care research looking for resources or to make connections should reach out to Dr. Sakumoto. Additionally, the Primary Care Working Group is unique in its strong ties to industry.

### HOW TO GET INVOLVED:

Students interested in getting involved should reach out to Dr. Sakumoto!

### WHO SHOULD I CONTACT?

**Matthew Sakumoto:** matthew.sakumoto@ucsf.edu

# STUDENT SPOTLIGHT



**AMIA ANNUAL SYMPOSIUM 2021 STUDENT PAPER COMPETITION WINNER**

**SARAH FLORIG, MS**
Oregon Health and Science University

*"The Martin Epstein Award really took me by surprise! I am grateful for the recognition of the value and significance of the paper to the field of informatics. My surprise quickly shifted to excitement, as each time I relayed news of the achievement to others, it has fueled my motivations to continue carrying out further research."*

## Paper Description

The paper evaluated clinical documentation behaviors among physicians who used medical scribes. Despite assistance from scribes, chart closure time among providers varied substantially, with charts completed after-hours and charts not being completed on time. These findings highlight the need for further studies of provider-scribe interactions to define and evaluate best practices for training, scope of practice, and clinical documentation expectations, enabling providers to maximize the benefits of scribe use.

## How did you become interested in informatics?

During my undergraduate training, I worked on a large retrospective case series by manually extracting medical record data for over 1,000 patients and learned the challenges of working with electronic health records. During the final term of my bachelor's degree, I enrolled in an introduction to health informatics course that was co-taught by Dr. Bill Hersh. I knew then, based on what I learned in the classroom and from practical experience, that informatics was the field I wanted to continue my research career in.

## What excites you about informatics?

Our ability to improve the safety and quality of patient care, while simultaneously improving the provider experience. I am fascinated by the vast informatics methods that are available to help us identify, study, and potentially prevent such issues from occurring. I look forward to continuing research on these issues, enabling us to turn information into the knowledge that is needed to improve our system.

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

Connect with students and faculty at your institution (and within the discipline) as early as possible in your training! Finding mentors to work with is essential, as you will learn from their lessons and apply these teachings in your own work. Furthermore, informatics a team sport and collaborators will be an essential component of reaching the goals for your projects.