

Student Working Group

NEWSLETTER

MARCH 2021

Why Informatics?



ANNOUNCEMENTS:

1

INTRODUCTION TO
STWG

2

AMIA VIRTUAL
INFORMATICS SUMMIT
2021 HIGHLIGHTS

3

STUDENT SPOTLIGHT:
PAPER COMPETITION
WINNER BENJAMIN NYE

4

KNOW-YOUR-LEADERS:
SCOTT MCGRATH (CHAIR)

5

LEARN MORE ABOUT
STWG ON THE FOR YOUR
INFORMATICS PODCAST

6

RESOURCES

SAVE THE DATE

MAY
18-20

AMIA VIRTUAL
CLINICAL INFORMATICS
CONFERENCE

REACH OUT TO US



[AMIASTUDENTWG.SLACK.COM](https://amiastudentwg.slack.com)

Send us a request to
join our slack channel!



@AMIASTWG



Email the Editor

MXH2000@CUMC.COLUMBIA.EDU

AN INTRODUCTION TO US:

Welcome to the AMIA student working group newsletter: March edition! We are multidisciplinary informatics students who are interested in connecting other students with opportunities to develop skills in informatics research. Read on for exciting updates!

AMIA VIRTUAL INFORMATICS SUMMIT 2021 HIGHLIGHTS

A shout out to all the students who participated in the Virtual Informatics Summit 2021. We commend each and every one of you and all the work you are doing to advance the field of informatics!

Congratulations to all the student paper competition finalists!

BENJAMIN
NYE

Understanding Clinical Trial Reports: Extracting Medical Entities and Their Relations

JONATHAN
BIDWELL

A Contextual Inquiry: FDA Investigational New Drug Clinical Review

ZOE
LIAO

Challenges to Global Standardization of Outcome Measures

NATTHANAPHOP
ISARADECH

Auto-mapping Clinical Documents to ICD-10 using SNOMED-CT

SURABHI
DATTA

Leveraging Spatial Information in Radiology Reports for Ischemic Stroke Phenotyping

DARSHINI
MAHENDRAN

Extracting Adverse Drug Events from Clinical Notes

WE WANT TO KNOW ABOUT YOU!

We would love to fill this newsletter with information that would be useful to you. Please let us know how we can best support you! We are working on updating our website, but until then feel free to contact us. We look forward to getting to know you better!

STWG TEAM

Scott McGrath, Zubin Khan, Joe Romano, Lynda Hoeksema, Felix Holl, Joanna Valderrama, Bradley Iott, Jacob VanHouten, Mollie Hobensack (Editor), Sanya B. Taneja (Assistant Editor)

MARCH 2021 STUDENT SPOTLIGHT

Get to know the winner of the AMIA Virtual Informatics Summit Student Paper Competition:



Benjamin Nye,
PHD STUDENT
NORTHEASTERN
UNIVERSITY

Describe your paper in a few sentences.

To better understand how medicine is described in Randomized Controlled Trials, our team built a model that uses the free text of medical abstracts to pull out conclusions.

How did you become interested in informatics?

I previously had experience in informatics, and after moving to Boston, I got more involved in medical informatics. During this time, I became interested in learning more about how to extract key information from journals to create information that can be easier to digest for clinicians, researchers, and patients.

What excites you about the future of informatics?

Reducing the tedious and time consuming grunt work spent on data extraction to allow for more time to do the “attractive, fun thinking.”

What professional advice would you offer students?

Informatics has unlimited options and applications, so choosing what is exciting to you is the “secret sauce.”

What is your favorite kitchen utensil?

The food mill because it can turn anything into a base for your meal

Check out the paper:

**Understanding Clinical Trial Reports:
Extracting Medical Entities and Their Relations**
@ <https://arxiv.org/pdf/2010.03550.pdf>

KNOW-YOUR-LEADERS



SCOTT MCGRATH, PHD

“

I am the current chair of the AMIA student working group and a project manager at UC Berkeley working on the ACTIVATE project with Dr. Katherine Kim. I joined AMIA five years ago as a student after stumbling into the informatics world when looking for a career change. My favorite part about being a member of the AMIA leaderboard is the opportunity to meet and work with a wide range of informatics professionals, from industry professionals and faculty to students. I believe that, going forward, informatics is well positioned to be incredibly impactful coming out of the pandemic, as we work with the explosion of data to extract knowledge and learn from the experience. I find it invigorating to work in the informatics field, and on the weekends, I enjoy making waffles for the family.

”

RESOURCES

Learn more about STWG on the latest
For Your Informatics podcast, Episode 16:
<https://www.amia.org/amia-podcasts>

Sign up to get updates from our community board:
<http://connect.amia.org/ST-WG>

Submit a request to join our leadership team:
amia-STWG@connectedcommunity.org