

DENTFORMATICS

AMIA Dental Informatics Working Group Newsletter



Women's History Month: Celebrating Women in Dentistry

According to the American Dental Association, in 2020, approximately 36% of US dentists were female (an increase from 30% in 2016). In 2018, for the first time in history, there were more female first-year dental students enrolled than males. Additionally, an estimated 18% of dental school deans and 28% state dental society presidents were female."

Although female dentists, deans, and presidents are still climbing, women in the dental profession are yet thriving. Women make up 98% of dental hygienists, 94% of dental assistants, and 49% of dental laboratory technicians.

There are many amazing women who have shaped dentistry and as dental informatics is still on the rise, there are many women leading the way. Happy Women's History Month!

Sources: <https://www.ada.org/en/science-research/health-policy-institute/dental-statistics/workforce>; https://oralhealthworkforce.org/wp-content/uploads/2019/09/OHWRC_Women_in_Dentistry_2019.pdf; <https://www.ada.org/en/publications/ada-news/2019-archive/april/wonder-women-of-dentistry>; <https://dentallifeline.org/resources/10-women-in-dentistry-that-have-made-an-impact/>

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WELCOME TO DI-WG

The Dental Informatics Working Group (DI-WG) is delighted to have both new and continuing members. Thank you for being here to move the field of dental informatics along!

OUR MISSION is to:

- serve as the focus for individuals and organizations with interest or involvement in health informatics with an emphasis on dental informatics
- be a means of communication with other healthcare and informatics specialties to better improve all healthcare applications
- share expertise and experiences in the use of dental information systems, computer technology, and communications to improve patient care, research, and education

UPCOMING ACTIVITIES

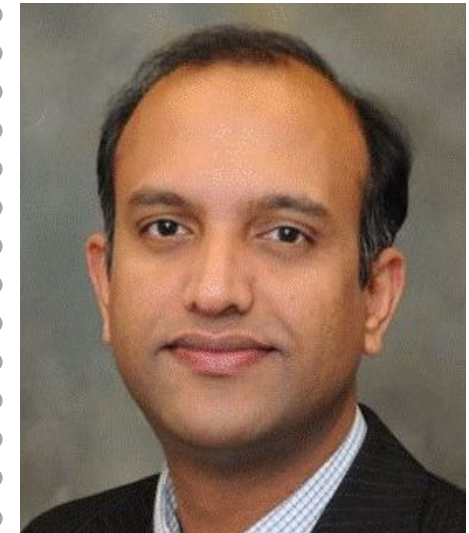
- Collaborative Research
 - Dental Informatics Practice and Research Assessment
 - Practices, Schools, Research, Fellowships, and more
 - Starting soon...*Contact Karmen by **April 9** if you would like to be involved*
- Development
 - Dental Informatics Curriculum
 - Dental Informatics Platform and Research for Dental Students
- Quarterly Zoom Meeting
 - May 5 and August 4 (12:00 pm EST)
- Webinars
 - Seeking speakers for Q2 and Q3
- ELECTIONS for 2022
 - Vice-Chair
 - Student Representative
 - Industry Representative
 - Academic Representative
 - Research Representative

Please reach out to Karmen or Sajeesh if you would like to be involved or lead a DI-WG activity.



Karmen S. Williams, DrPH, MBA
Chair

KarmenSWilliams@gmail.com



Sajeesh Kumar, PhD
Vice Chair

SKumar@uthsc.edu



Neel Shimpi, BDS, MM, PhD
Past Chair

2021 AMIA DI-WG SUBMISSIONS

The 2021 AMIA Annual Symposium will be held at the Hilton San Diego Bayfront in San Diego, CA, Saturday, October 30 - Wednesday, November 3. As of now, the symposium will be held in person. The Dental Informatics Working submitted two abstracts with amazing panelists.

Advancing Informatics for the Real World: Student Perspectives and Experiences

The purpose of this panel is to highlight and discuss dental informatics in the real world through the school of students in dental informatics research.

Panelists:

- **Nia Marshall**, MHA, DDS Student, College of Dentistry, University of Tennessee Health Science Center, Memphis, TN
- **Mia Lewis**, DDS Student, College of Dentistry, University of Tennessee Health Science Center, Memphis, TN
- **Mousa Ghannam**, DMD/MPH Student, Center for Clinical and Translational Research, School of Dental Medicine, University of Pennsylvania, Philadelphia, PA
- **Heather Taylor**, MPH, LDH, PhD Candidate, Richard M. Fairbanks School of Public Health, Department of Health Policy and Management, Indiana University, Indianapolis, IN & Regenstrief Institute, Indianapolis, IN
- **Shannon Sommers**, BTDH, MSHI, RDH, Medical University of South Carolina, Charleston, SC

Value and Importance at the Intersection of Dental and Medical Integration

The purpose of this panel is to provide considerations for the establishment of informatics infrastructure and required training of the integrated care delivery team.

Panelists:

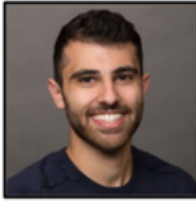
- **Dr. Neel Shimpi** (Moderator), BDS, MM, PhD, FAMIA, Center for Oral and Systemic Health, Marshfield Clinic Research Institute, Marshfield, WI
- **Dr. Grace Gomez Felix Gomez**, Cariology, Operative Dentistry & Dental Public Health, Indiana University School of Dentistry, Indianapolis, IN
- **Saniya B. Bhusari**, BDS, MSHI, MHA, University of Utah Health, Salt Lake City, UT
- **Dr. R. Bruce Donoff**, DMD, MD, FACD, FACS, Oral and Maxillofacial Surgery, Harvard School of Dental Medicine, Cambridge, MA

Moderators and Organizers:

- Karmen S. Williams, DrPh, MBA, City University of New York
- Sajeesh Kumar, PhD, University of Tennessee Health Science Center
- Neel Shimpi, BDS, MM, PhD, FAMIA, Marshfield Clinic Research Institute
- Gunther Kohn, University of Buffalo
- Murat Sincan, MD, FAMIA, University of South Dakota
- Afton Dunsmoor, RDH, MHI student, Health Care Systems Research Network

STUDENT-LED DENTAL INFORMATICS CLUB

University of Pennsylvania, School of Dental Medicine



Mousa Ghannam (D2)
President



Parasteh Malihi (D2)
Vice-President



Alisha Song (D2)
Social Media Coordinator



Kaiwei Wang (D2)
Treasurer



Joy Jiuyi (D1)
Secretary



Ruby Lu (D1)
D1 Rep



Tim Lee (D2)
Community Service Chair

The Dental Informatics Club is a student-led organization in the University of Pennsylvania, School of Dental Medicine. Club founders, Mousa Ghannam (D'23) and Parasteh Malihi (D'23) are motivated to make it as easy as possible to connect students to educational content, mentorship, research opportunities, internships, and other career development opportunities involving dental informatics. They seek to use informatics as a tool to improve local outreach initiatives and infrastructure within the greater Philadelphia area communities and hope to engage the student body through social media. Since starting the club, they have expanded membership to many interested students and were able to elect members for the club's inaugural Executive Board. Additionally, the club plans to host a series of informatics presentations to increase student exposure to the field. They also hope to increase student involvement in dental informatics by serving as a resource and guide for other dental students looking to start organizations within their own schools.

For more information or ideas on how to start a dental informatics student group in your school, contact Mousa (mousag@dental.upenn.edu) or Parasteh (pmalihi@dental.upenn.edu).

The Dental Informatics Working Group within AMIA seeks to continue to foster and build connections with students interested in dental informatics. For more information on how you can help with our student outreach efforts contact Karmen (KarmenSWilliams@gmail.com) or Sajeesh (skumar10@uthsc.edu).

DENTAL INFORMATICS WORKING GROUP QUARTER 1 BUSINESS MEETING

RECAP:

- **AMIA 2021 Annual Symposium**
 - Discussed ideas for panels and workshops
 - This resulted in the two abstract submissions
- **DIWG Upcoming Activities**
 - Dental Informatics Curriculum
 - DI research and platform for dental schools
 - Will discuss with AMIA Professional Development Committee

DI-WG QUARTER 2 MEETING

MARK YOUR CALENDARS

MAY 5, 2021 | 12:00 PM - 1:00 PM EST

REMEMBERING DR. FRANKLIN DIN



The Dental Informatics Community will greatly miss Dr. Din. He was a great inspiration and we are eternally appreciative of his support and contributions to the field and AMIA's Dental Informatics Working Group.

Dr. Franklin Din was the Chief Medical Information Officer for FraudLens, Inc. and DentaLens, Inc. and was responsible for developing advanced healthcare data analytic and business intelligence solutions. Dr. Din received his master's and a doctorate in medical informatics from Columbia University.



SHARE & INVITE TO JOIN ALL DENTAL PROFESSIONALS, STUDENTS, RESEARCHERS, AND INTERESTED PARTIES



American Medical Informatics Association

YOU'RE INVITED TO JOIN THE DENTAL INFORMATICS WORKING GROUP

More information at:

<https://www.amia.org/programs/working-groups/dental-informatics>



BENEFITS OF JOINING AMIA

- Connect with 5,000+ informaticians and expand your professional network
- Learn about the latest research and emerging thinking in the field
- Grow your professional skills and build your career
- Become a leader within AMIA and in the field of informatics
- More information: <https://www.amia.org/membership-benefits>

BENEFITS OF AMIA'S DENTAL INFORMATICS WORKING GROUP

- Expand Dental Informatics professional network
- Quarterly newsletters
- Webinars and continued learning
- Publications, presentations, and more
- Contact: amia-DIWG@connectedcommunity.org

