DIGITAL PATHOLOGY DPA ASSOCIATION

MEMBER SPOTLIGHT

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3Scan

TELL US ABOUT YOURSELF – WHERE YOU COMPLETED YOUR UNDERGRADUATE/POSTGRADUATE, FAMILY, WHAT A TYPICAL DAY LOOKS LIKE FOR YOU, ETC.

I attended UCSD for undergraduate education with a degree in Mechanical & Aerospace Engineering. I then attended medical school in Isreal at Ben-Gurion University of the Negev's Medical School for International Health.

I am a new Dad! My daughter's name is Cortana. A typical day sees me vacillate between a highly strategic role where I help the founders of 3Scan identify significant medical applications for our technology, and then I work in close collaboration with the software engineers ensuring the technology we're building is suitable and user friendly.

HOW LONG HAVE YOU BEEN WORKING WITH DIGITAL PATHOLOGY?

I have been involved in Digital Pathology since my first year of residency 2011.

HOW LONG HAVE YOU BEEN WITH YOUR CURRENT EMPLOYER AND WHAT IS YOUR ROLE?

July 2016 and CMIO: leading the interface between medicine and data science.

HOW HAS DIGITAL PATHOLOGY DIRECTLY AFFECTED YOUR BUSINESS?

3Scan is a biotechnology start up founded on the belief that tissue samples should provide comprehensive, spatially indexed information to further medical innovation and improve clinical outcomes. Our diverse group of talented engineers and scientists work to revolutionize the histology workflow through novel tools and systems that aid in decision support. The results are detailed 3D representations of anatomical structures, as well as quantitative analysis in the emerging field of volumetric pathology.

HOW IS DIGITAL PATHOLOGY IMPACTING THE HEALTHCARE AND DIAGNOSTICS INDUSTRIES AS A WHOLE?

Slowly becoming more mainstream and finally FDA approved for Primary Diagnostics and pathology professionals of all generations now coming to realize the potential.

FROM YOUR PERSPECTIVE, WHAT IS THE MOST IMPORTANT REASON FOR YOUR USE OF DIGITAL PATHOLOGY?

Automating some of the more outdated processes so pathologist can focus their efforts on contributing to difficult cases and pivotal patient decisions.

WHAT DOES THE FUTURE OF DIGITAL PATHOLOGY LOOK LIKE TO YOU? PARTICULARLY, WHEN DO YOU SEE, OR DO YOU SEE ITS ADOPTION AS AN EVERYDAY OCCURRENCE?

When we finally build the tools that draw my attention to regions of interest, when we have tools that pull from disparate tools and repositories of data, even data streams outside of pathology – then it will be useful for everyday practice.

HOW LONG HAVE YOU BEEN A MEMBER OF THE DIGITAL PATHOLOGY ASSOCIATION (DPA) AND WHAT FIRST ATTRACTED TO YOU TO THE ASSOCIATION?

4 years – I wanted to align myself with forward thinking pathology professions.

HOW DID YOU INITIALLY GET INVOLVED WITHIN THE ASSOCIATION AND WHAT IS YOUR CURRENT INVOLVEMENT?

My mentor Liron Pantanowitz got me involved and I currently participate in the education committee.

WHAT DO YOU ENJOY MOST ABOUT THE DPA?

Getting together with my peers and colleagues and meet Pathologists that I admire.

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