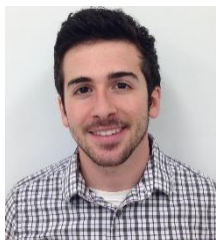


May 8, 2020

The Stony Brook University Chapter of the National Academy of Inventors proudly announces the winners of the 2020 “Young Academic Inventor’s Award”. *Congratulations!*

- ❖ **Adrian F. Howansky, Ph.D.**, Medical Physics Resident, Department of Radiology, Stony Brook University Renaissance School of Medicine (Ph.D. 2019, Biomedical Engineering, Stony Brook University).



“For his invention of new flat panel imagers involving multiple X-ray conversion materials”.

- ❖ **Peter Milder, Ph.D.**, Associate Professor, Department of Electrical and Computer Engineering (Ph.D. 2010, Carnegie Mellon University, Postdoctoral Researcher 2010-2012 in Electrical and Computer Engineering, Carnegie Mellon University).



“For his inventions of optimized hardware designs for efficient signal processing and machine learning”.

- ❖ **Priyanka Sharma, Ph.D.**, Research Scientist, Department of Chemistry (Ph.D. 2014, CSIR-National Chemical Laboratory, Pune India. Postdoctoral Researcher, Department of Chemistry, Stony Brook University)



“For her inventions leading to the development of nitro-oxidation method to extract nanocellulose from raw biomass, which drastically decreases the consumption of energy, chemicals and water”

- ❖ **Michael Ferdman, Ph.D.**, Associate Professor, Department of Computer Science (Ph.D 2012, Carnegie Mellon University, Electrical and Computer Engineering, Research Assistant 2008-2012, Ecole Polytechnique Fédérale de Lausanne, Switzerland).



"For his inventions on the hardware accelerators for deep learning and the system design for servers and memories"

NAI-SBU Chapter

Chapter President: Iwao Ojima; Executive Director, Sean Boykevisch

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