

JUN JEON

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EDUCATION

MD, Perelman School of Medicine at the University of Pennsylvania

8/2016 – 5/2021

- Twenty-First Century Endowed Scholar, full-tuition scholarship based on merit (20 out of ~150 students)
- Guggenheim Family Neurosurgery Research Scholarship (1 out of all applied)
- Entrance exam (MCAT, 9/2014): Percentile - 100%

BS, Chemical and Biomolecular Engineering, Johns Hopkins University

9/2013 – 5/2015

Overall GPA: 3.99 / 4

- Bloomberg Scholarship, full-tuition scholarship based on merit
- Joseph L. Katz Award for top Senior Lab course students (2 out of ~60 students)
- Eleanor Muly Streb Award for excellence in research (2 out of ~60 students)

WORK EXPERIENCE

Medical Research Scholars Program, National Institutes of Health Intramural Campus (MD)

7/2019 – Present

Highly selective NIH-hosted residential research program for 50 medical students from across the US.

Project: Integrated structural and functional genomic analyses identify interaction of kinetochore-related components and NF- κ B signaling in head and neck squamous cell carcinoma. (Mentor: Dr. Carter Van Waes – NIDCD Clinical Director)

- Gained insight into utilizing massively parallel genetic screening tools to understand mechanisms of anti-cancer drugs.
- Collaborated with teams in the audiology and immunotherapy departments to publish numerous articles, book chapters, reviews.
- Established immunotherapy data analysis pipeline for mice cancer models for later application in human clinical trials.

Clinical researcher, University of Pennsylvania

12/2016 – Present

- Phase 3 Remdesivir clinical trial: Collaborated with PPD and Gilead auditors to comply with FDA regulations in patient data collection.
- Cochlear implant evaluation process quality improvement: Discovered utility in community audio exams to reduce redundant exams.
- Intraoperative brain tumor labeling using fluorescent dye for accurate resection: Analyzed efficacy of indocyanine green fluorescent dye to label various skull-base tumors to be visualized by near-infrared cameras during surgery.

Biomedical engineering researcher, Johns Hopkins University (JHU) / NIH

Project: Tissue-Engineered Outer Blood-Retinal Barrier-on-a-Chip (NIH)

6/2015 – 7/2016

- Designed and assembled a novel microfluidic chip platform to co-culture iPSC-derived cells of the human eye.
- Performed various image and molecular analyses to characterize the functionality of the blood-retinal barrier model inside the chip
- Presented and published works in top neuro

Project: Characterizing stem cell derived endothelial cells using a novel multi-shear microfluidic device (JHU)

1/2014 – 5/2015

- Designed and created novel models of microfluidic channel for experiments in shear stress induced vascular differentiation

EXTRA-CURRICULAR ACHIEVEMENTS

Startup Program Lead and conference organizer, Korean Scientists and Engineers Association (National)

8/2019 – 1/2020

- Led the efforts to start a US-Korea startup competition within an existing 3-day (250+ participants) conference geared towards Korean engineers/scientists/professionals in the US (yg.ksea.org), hosting 12 teams from both Korean and the US (early-mid stage companies to compete for sponsored awards).

President, Korean Graduate Student Association at the University of Pennsylvania (KoGSA)

4/2018 – 4/2019

- Helped organize cultural networking events within the Korean community at Penn to create a more cohesive community.
- Oversaw information session by visiting Korean industry reps and helped graduate students plan their next career steps.

Class Co-president, Penn Medical Student Government (MSG)

10/2016 – 10/2018

- Elected to serve my medical student class as one of two co-chairs (co-presidents).
- Planned social and professional events with school across the campus to promote a more diverse networking environment.
- Took bi-weekly meetings with the medical school Deans to discuss school-wide issues and planning.

Co-Founder, Chief Innovation Officer, SpectrumScores LLC

1/2018 – 12/2019

A healthcare provider rank and review website for the providers' LGBTQ+ friendliness and knowledge using our unique metrics.

- Helped our provider database to include physicians in Philadelphia, New York City, Pittsburgh, Washington D.C., and St. Louis.
- Please visit www.spectrumscores.org to find out more.

Vice President of Ventures, Penn HealthX

11/2016 – 11/2017

- Organized the HealthX Labs, a startup accelerator program for students various schools (Med, Law, Engineering, Wharton) at Penn and advised 8 different startup teams in various capacities.
- Plan and hosted the HealthX Startup Showcase, the annual competition for all the startup teams in HealthX Labs.

OTHER ROLES AND SKILLS

Organizations: Asian Pacific American Medical Student Association at Penn (President); Penn Med Wood House Council (President); Johns Hopkins Medical Ethics Discussion Panel (Founder); Advocates for Baltimore Community Health (President)

Language: English (Native), Korean (Native), Spanish (Basic)

Skills: Fluent in Office products; Proficient in Python, R, C, Java, HTML, CSS, MATLAB, Prism, VBA