

Gal Finkelstein C.V.

Personal details

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Education:

2019-Currently: Ph.D., Materials Science and Engineering, Tel-Aviv University

Under the supervision of Prof. Ehud Gazit at the Biological and bio-inspired molecular self-assembly Laboratory.

Study of piezoelectric properties of self-assembled short peptide structures.

2015-2018: M.Sc., Materials Science and Engineering, Tel-Aviv University

Under the supervision of Prof. Dan Peer at the Precision Nano-Medicine Laboratory.

Thesis: "Targeted delivery of lipid nanoparticles to the Dorsal Root Ganglia".

2011-2015: B.Sc., Dual degree in Chemistry and Chemical Engineering, Ben-Gurion University of the Negev

Project: Thermo-responsive hydrogels with Elastin like polypeptides crosslinkers.

Work Experience

2018-2019: R&D material engineering at Landa Digital Printing

- Research and development of materials and formulations of the printing process.
- Characterization of mechanical and physical properties by analytical, microscopy and spectroscopy methods.

2016-2018: Teaching assistant at Department of Materials Science and Engineering, Tel Aviv University

- Instructor in materials engineering teaching laboratories.
- Assistant Lecturer of basic chemistry course.

2016-2018: Nano-Center of Tel-Aviv University

- Continuous operation of devices, training, and certification of new users.
- Measurement and testing service for external clients.

2015-2016: Instructor in Davidson Institute's "Chemistry Online" program

Online guidance and training for groups of high school chemistry students.

2010-2011: Flight attendant at "El-Al" airlines

Service oriented. Variable schedule adjustment in the short term. Working in unconventional work hours.

Patents

- WO2020141465A1, Formulations for use with an intermediate transfer member of indirect printing systems and printing processes utilizing same technological field.
- WO2020202145A1, Systems and methods for preventing or minimizing printing defects in printing processes.

Military Service

2006-2009: Intelligence Coordinator at the air force intelligence operation room

Coordinated multi-level intelligence corps operations. Working under highly stressed conditions