

Curriculum Vitae

Farzin Asghari Arpatappeh

Faculty of Engineering and Natural Sciences, Sabancı University, Orta Mahalle, Orhanlı, Tuzla, 34956, Istanbul, Turkey.
Office: +902164839000-2079 Email: farzin@sabanciuniv.edu Webpage: <http://myweb.sabanciuniv.edu/farzin/>

Education:

Doctor of Philosophy (Materials Science and Nanoengineering), Sabancı University, 2015-present
Master of Science (Nanofiber Structure Engineering), Amirkabir University of Technology, 2011-2014
Bachelor of Science (Textile Engineering – Textile Technology), Isfahan University of Technology, 2007-2011

Fields of Interest:

electroactive polymers, energy harvesting, sensors, nanotechnology, composite and nanocomposite materials, electrospun nanofibers, mechanical properties of materials,

Honors and Awards

Four year full scholarship for PhD studies (\$53,000) plus stipend salary
Ranked 2nd, The Entrance Exam for Master Studies in Textile Engineering – Textile Technology, 2011.
Honored on graduation from NODET high-school in Mathematics and Physics by dean of the organization

Language Proficiency

TOEFL iBT (July 12, 2014): 88 (R: 23; L: 24; S: 18; W: 23)
GRE general test scores (October 23, 2014); 140 for verbal and 150 for quantitative reasoning
Azeri (native), Persian (bilingual proficiency), Turkish (fluent), Arabic (familiar), French (familiar)

Work Experiences

2015-present	Research Assistant at Sabancı University
2015-2016 fall	TA, Introduction to Materials Science and Engineering, Sabancı University Instructor: Özge Akbulut
2014-2015 spring	TA, Scientific and Technical Communication, Sabancı University Instructor: Daniel Lee Calvey
2013 – 2014	Laboratory Manager, Nanofibrous Structures Lab., Department of Textile Engineering, Amirkabir University of Technology, Tehran, Iran.

Projects

Tensile Properties of PAN/PA 6-6 Nanofibrous Hybrid Composites (M.Sc. thesis)
The Effect of OE Yarn parameters on The Properties of Woven Fabrics and Their Behavior in Air-Jet Weaving (B.Sc. thesis)

Publications

Journal articles:

Asghari Arpatappeh, F., Ghareghaji, A. A., Nosraty, H. **Enhancing Tensile Properties of epoxy resin matrix composites laminated by PAN, PA6-6, and PAN/PA6-6 electrospun nanofiber layers**", (in progress)

Conference proceedings

Asghari Arpatappeh, F., Ghareghaji, A. A., Nosraty, H., **Investigation on Tensile Properties of Nanocomposites Laminated with Hybrid and Pure Electrospun Nanofibrous Layers**, *The 9th National Textile Engineering Conference*, May 07, 2014, Tehran, Iran. (Oral presentation).

Asghari Arpatappeh, F., Shanbeh, M., **Investigation on The Effect of Process Parameters on Physical and Mechanical Properties of Viscose Rotor Spun Yarns and Single Jersey Knitted Fabrics**, *8th National Conference on Textile Engineering- October 2011*, Yazd, Iran.

Skills

FT-IR analysis, Optical microscopy, SPSS, MATLAB, Program design using PASCAL, Q-Basic, and C

References

Dr. Melih Papila, PhD. (mpapila@sabanciuniv.edu)

Associate professor, Materials Science and Nanoengineering, Sabanci University; PhD dissertation supervisor

Dr. Ali Akbar Ghareaghaji, Ph.D. (aghaji@aut.ac.ir)

Associate Professor, Department of Textile Engineering, Amirkabir University of Technology; M.Sc. thesis Supervisor

Dr. Hooshang Nosraty, Ph.D. (hnosraty@aut.ac.ir)

Associate Professor, Department of Textile Engineering, Amirkabir University of Technology, M.Sc. thesis Co-adviser

Mr. Mohsen Shanbeh, Faculty member (mshanbeh@cc.iut.ac.ir)

Assistant Professor, Department of Textile Engineering, Isfahan University of Technology, B.Sc. thesis Supervisor