

Carnegie Mellon University

School of Computer Science

New Faculty Profiles

Fall 2018



Oana Carja

Assistant Professor
Computational Biology
Department

Education

B.Sc. Cuza University
Ph.D. Stanford University

Research Interests

Evolutionary dynamics, machine learning and digital pathology, cellular spatial structure, tumor microenvironments and architectures

Joining SCS Faculty

January 2019



Eunsuk Kang

Assistant Professor
Institute for Software Research

Education

B.SE. University of Waterloo
S.M. Massachusetts Institute of
Technology
Ph.D. Massachusetts Institute of
Technology

Research Interests

Software engineering, formal methods, security, system safety, cyber-physical systems

Joining SCS Faculty

Fall 2018



Pravesh Kothari

Assistant Professor
Computer Science Department

Education

B.Tech.EE. Indian Institute of
Technology, Kanpur, India
Ph.D. University of Texas at
Austin

Research Interests

Meta-algorithms,
distribution-agnostic
clustering and outlier-robust
statistical estimation, ML
theory, computing equilibria,
cryptography, quantum
information

Joining SCS Faculty

Fall 2019



Changliu Liu

Assistant Professor
Robotics Institute

Education

B.S. Tsinghua University
M.S. UC Berkeley
M.A. UC Berkeley
Ph.D UC Berkeley

Research Interests

Robotics and human robot interactions, control and motion planning, optimization and optimal control, multi-agent system and game theory

Joining SCS Faculty

January 2019



Joshua Kangas

Assistant Teaching Professor
Computational Biology Department

Education

B.S. Truman State University
Ph.D. Carnegie Mellon University

Research Interests

Computational biology, education

Joining SCS Faculty

Fall 2018



Heather Miller

Assistant Professor
Institute for Software Research

Education

B.S.EE. University of Miami
Ph.D. EPFL, Switzerland

Research Interests

Programming languages and distributed systems, development of distributed systems

Joining SCS Faculty

Fall 2018



Adam Perer

Assistant Research Professor

Human-Computer Interaction Institute

Education

B.S. Case Western Reserve University

M.S. University of Maryland, College Park

Ph.D. University of Maryland, College Park

Research Interests

Data visualization, human-computer interaction, machine learning, artificial intelligence, visual analytics, data-driven healthcare

Joining SCS Faculty

Fall 2018



Matthew O'Toole

Assistant Professor

Robotics Institute
Computer Science Department

Education

B.Sc. University of British Columbia

M.Sc. University of Toronto

Ph.D. University of Toronto

Research Interests

Computer vision and computer graphics

Joining SCS Faculty

Fall 2018



Aaditya Ramdas

Assistant Professor

Department of Statistics,
Couresty Appointment in
Machine Learning Department

Education

B.Tech. IIT Bombay

PhD. Carnegie Mellon University

Research Interests

Reproducibility of experiments in science and technology, sequential analysis, hypothesis testing and false discovery rate control, statistical machine learning, convex optimization, adaptive data analysis

Joining SCS Faculty

Fall 2018



Zeynep Temel

Assistant Professor
Robotics Institute

Education

B.Sc. Istanbul Technical University, Turkey
M.Sc. Universitaet Siegen, Germany
Ph.D. Sabanci University, Istanbul, Turkey

Research Interests

Biologically-inspired highly dynamic movement in nontraditional, micro- to meso-scale engineered systems, unconventional robot design, bio-inspired design, functional materials

Joining SCS Faculty

January 2019



Pat Virtue

Assistant Teaching Professor
Computer Science Department

Education

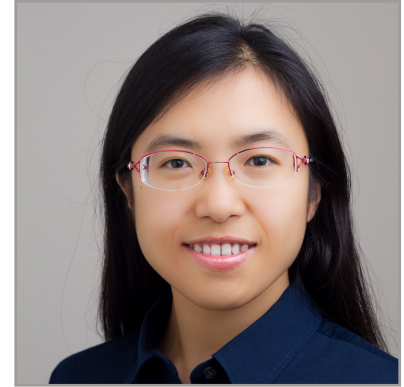
B.S. University of Notre Dame
Ph.D. University of California, Berkeley

Research Interests

Computer Science Education, Artificial Intelligence, Machine Learning

Joining SCS Faculty

Fall 2018



Weina Wang

Assistant Professor
Computer Science Department

Education

B.S. Tsinghua University
Ph.D. Arizona State University

Research Interests

Stochastic analysis, queueing theory, scheduling algorithms

Joining SCS Faculty

Fall 2018



Leila Wehbe

Assistant Professor
Machine Learning Department

Education

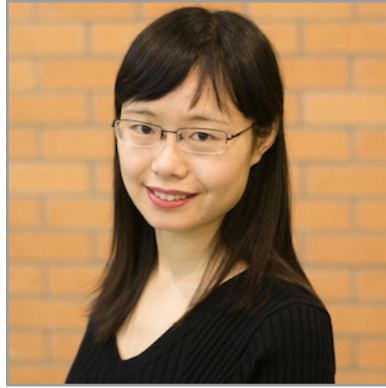
B.E. American University of Beirut
M.S. Carnegie Mellon University
Ph.D. Carnegie Mellon University

Research Interests

Computational neuroscience,
neurobiology of language, natural
language processing, artificial
intelligence

Joining SCS Faculty

Fall 2018



Wenzhen Yuan

Assistant Professor
Robotics Institute

Education

B.E. Tsinghua University
S.M. Massachusetts Institute of
Technology
Ph.D. Massachusetts Institute of
Technology

Research Interests

Robotics perception

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**Carnegie
Mellon
University**

School of
Computer
Science

Computational Biology Department
Computer Science Department
Human-Computer Interaction Institute
Institute for Software Research
Language Technologies Institute
Machine Learning Department
Robotics Institute

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