

# Computer Science

---

Return to: College of Engineering (<http://catalog.utep.edu/grad/college-of-engineering/>)

The Computer Science Department offers a PhD in Computer Science, a Master of Science in Computer Science, a Master of Science in Software Engineering (with a special track in Secure Cyber Systems), and a Master of Science in Data and Information Sciences. The MS and PhD programs emphasize active student involvement in research groups. Our goal is to produce graduates who possess an education of sufficient breadth and depth to qualify them as leaders in both the industrial and academic environments of Computer Science. The Software Engineering MS is a professional program that prepares graduates for advanced positions in a software engineering organization through hands-on course activities and industry-based projects and case studies. Computer Science faculty members have particular expertise in the following areas: Applications of Theory, High Performance Computing, Interactive Systems, and Software Engineering.

## Chair

Salamah Salamah (<http://facultyprofile.utep.edu/default.aspx?ID=isalamah>)  
 Contact Information: [isalamah@utep.edu](mailto:isalamah@utep.edu) ([mtcortez@utep.edu](mailto:mtcortez@utep.edu)); 915-747-6671  
 Education: BS, The University of Texas at El Paso; Ph D, The University of Texas at El Paso

## Professor

Martine Ceberio (<http://facultyprofile.utep.edu/default.aspx?ID=mceberio>)  
 Contact Information: [mceberio@utep.edu](mailto:mceberio@utep.edu); 915-747-6950  
 Education: BS, University of Poitiers; DEA (Diplome d'Etudes Approfondies), University of Nantes; Ph D, University of Nantes

Marcelo Frias (<http://facultyprofile.utep.edu/default.aspx?ID=mfrias4>)  
 Contact Information: [mfrias4@utep.edu](mailto:mfrias4@utep.edu); 915-747-5516  
 Education: BS, Universidad de Buenos Aires; Ph D, Pontificia Universidade Catolica in Rio de Janeiro

Olac Fuentes (<http://facultyprofile.utep.edu/default.aspx?ID=ofuentes>)  
 Contact Information: [ofuentes@utep.edu](mailto:ofuentes@utep.edu); 915-747-6956  
 Education: BS, Instituto Tecnológico de Chihuahua; MS, The University of Texas at El Paso; Ph D, University of Rochester

Ann Gates (<http://facultyprofile.utep.edu/default.aspx?ID=agates>)  
 Contact Information: [agates@utep.edu](mailto:agates@utep.edu); 915-747-7689  
 Education: BS, UTEP; MS, UTEP; Ph D, New Mexico State University

Vladik Kreinovich (<http://facultyprofile.utep.edu/default.aspx?ID=vladik>)  
 Contact Information: [vladik@utep.edu](mailto:vladik@utep.edu); 915-747-6951  
 Education: MS, Leningrad University; BS, Leningrad University; Ph D, Institute of Mathematics, Siberian Branch, Soviet Academy of Sciences

Salamah Salamah (<http://facultyprofile.utep.edu/default.aspx?ID=isalamah>)  
 Contact Information: [isalamah@utep.edu](mailto:isalamah@utep.edu); 915-747-6671  
 Education: BS, The University of Texas at El Paso; Ph D, The University of Texas at El Paso

Nigel Ward (<http://facultyprofile.utep.edu/default.aspx?ID=nigel>)  
 Contact Information: [nigel@utep.edu](mailto:nigel@utep.edu); 915-747-6827  
 Education: BS, The University of Michigan; Ph D, University of California, Berkeley

## Associate Professor

Monika Akbar (<http://facultyprofile.utep.edu/default.aspx?ID=makbar>)  
 Contact Information: [makbar@utep.edu](mailto:makbar@utep.edu); 915-747-5883  
 Education: MS, Montana State University-Bozeman; Ph D, Virginia Tech

Yoonsik Cheon (<http://facultyprofile.utep.edu/default.aspx?ID=ycheon>)  
 Contact Information: [ycheon@utep.edu](mailto:ycheon@utep.edu); 915-747-8028  
 Education: BS, Korea University; MS, Iowa State University; Ph D, Iowa State University

Eric Freudenthal (<http://facultyprofile.utep.edu/default.aspx?ID=efreudenthal>)  
 Contact Information: [efreudenthal@utep.edu](mailto:efreudenthal@utep.edu); 915-747-6954  
 Education: BA, New York University; Ph D, New York University Courant Institute

Mahmud Hossain (<http://facultyprofile.utep.edu/default.aspx?ID=mhossain>)  
 Contact Information: [mhossain@utep.edu](mailto:mhossain@utep.edu); 915-747-6340

Education: MS, Montana State University; Ph D, Virginia Tech

Christopher Kiekintveld (<http://facultyprofile.utep.edu/default.aspx?ID=cdkiekintveld>)

Contact Information: [cdkiekintveld@utep.edu](mailto:cdkiekintveld@utep.edu); 915-747-5564

Education: Ph D, University of Michigan

Christoph Lauter (<http://facultyprofile.utep.edu/default.aspx?ID=cqlauter>)

Contact Information: [cqlauter@utep.edu](mailto:cqlauter@utep.edu); 915-747-5939

Education: Ph D, École Normale Supérieure de Lyon

Luc Longpré (<http://facultyprofile.utep.edu/default.aspx?ID=longpre>)

Contact Information: [longpre@utep.edu](mailto:longpre@utep.edu); 915-747-6804

Education: BS, Université de Montréal; MS, Université de Montréal; Ph D, Cornell University

Shirley Moore (<http://facultyprofile.utep.edu/default.aspx?ID=svmoore>)

Contact Information: [svmoore@utep.edu](mailto:svmoore@utep.edu); 915-747-5054

Education: BA, Indiana University; M.Ed, University of Illinois; MS, Wichita State University; Ph D, Purdue University

Natalia Villanueva Rosales (<http://facultyprofile.utep.edu/default.aspx?ID=nvillanuevarosales>)

Contact Information: [nvillanuevarosales@utep.edu](mailto:nvillanuevarosales@utep.edu); 915-747-8643

Education: BS, Panamerican University Campus Bonaterra; Double Major in Statistical Methods, Center for Mathematical Research; MS, University of Edinburgh; Ph D, Carleton University

## Assistant Professor

Palvi Aggarwal (<http://facultyprofile.utep.edu/default.aspx?ID=paggarwal>)

Contact Information: [paggarwal@utep.edu](mailto:paggarwal@utep.edu); 915-747-6399

Education: B.Eng., Punjab Technical University; MS, Thapar University; Ph D, Indian Institute of Technology Mandi

Dan DeBlasio (<http://facultyprofile.utep.edu/default.aspx?ID=dfdeblasio>)

Contact Information: [dfdeblasio@utep.edu](mailto:dfdeblasio@utep.edu); 915-747-6110

Education: BS, University of Central Florida; MS, University of Central Florida; Ph D, University of Arizona

Aritran Piplai (<http://facultyprofile.utep.edu/default.aspx?ID=apiplai>)

Contact Information: [apiplai@utep.edu](mailto:apiplai@utep.edu); 915-747-8381

Education: Ph D, University of Maryland Baltimore County

Saeid Tizpaz Niari (<http://facultyprofile.utep.edu/default.aspx?ID=saeid>)

Contact Information: [saeid@utep.edu](mailto:saeid@utep.edu);

Education: Ph D, University of Colorado at Boulder

Deepak Tosh (<http://facultyprofile.utep.edu/default.aspx?ID=dktoosh>)

Contact Information: [dktoosh@utep.edu](mailto:dktoosh@utep.edu); 915-747-6410

Education: BS, Biju Patnaik University of Technology; MS, University of Hyderabad; Ph D, University of Nevada Reno

## Professor of Practice

Darren Cone (<http://facultyprofile.utep.edu/default.aspx?ID=dmcone>)

Contact Information: [dmcone@utep.edu](mailto:dmcone@utep.edu); 915-747-5785

Education: BS, The University of Texas at El Paso; MS, The University of Texas at El Paso

## Assistant Professor of Instruction

Kuldeep Singh (<http://facultyprofile.utep.edu/default.aspx?ID=ksingh2>)

Contact Information: [ksingh2@utep.edu](mailto:ksingh2@utep.edu);

Education: M.Eng., Thapar University; Ph D, Thapar University, India

## Professor of Instruction

Julio Cesar Urenda Castaneda (<http://facultyprofile.utep.edu/default.aspx?ID=jcurenda>)

Contact Information: [jcurenda@utep.edu](mailto:jcurenda@utep.edu); 915-747-7005

Education: BS, The University of Texas at El Paso; MS, The University of Texas at El Paso; Ph D, New Mexico State University; Ph D, New Mexico State University; MS, The University of Texas at El Paso

## Programs

### Master of Science

- M.S. in Computer Science (<http://catalog.utep.edu/grad/college-of-engineering/computer-science/computer-science-ms/>)
- M.S. in Artificial Intelligence (<http://catalog.utep.edu/grad/college-of-engineering/computer-science/ms-artificial-intelligence/>)
- M.S. in Software Engineering (<http://catalog.utep.edu/grad/college-of-engineering/computer-science/software-engineering/>)

### Doctor of Philosophy

- Ph.D. in Computer Science (<http://catalog.utep.edu/grad/college-of-engineering/computer-science/computer-science-phd/>)

### Certificate

- Graduate Certificate in Cyber Security (<http://catalog.utep.edu/grad/college-of-engineering/computer-science/cyber-security-graduate-certificate/>)

The University of Texas at El Paso  
Department of Computer Science  
Chemistry & Computer Science Building, Room 3.1100  
500 W University Ave  
El Paso, Texas 79902

Phone: 915.747.5480

Fax: 915.747.5030

Website: <http://cs.utep.edu> (<http://www.cs.utep.edu>)

Visit Department Website (<https://www.utep.edu/cs/>)