

## Undergraduate Advising, Fall 2019, UCSB Computer Science

### Amr El Abbadi

Amr El Abbadi is a Professor in the Department of Computer Science. Professor El Abbadi joined the Department in 1987. His Ph.D. is from Cornell University. His research interests include: Fault-tolerant distributed systems; Distributed Databases, Operating Systems, Cloud, and Social Networks. He is also the faculty advisor for the class of 2019.

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### Tevfik Bultan

Tevfik Bultan is a Professor and Chair of the Department of Computer Science. Professor Bultan joined the Department in 1998. His Ph.D. is from University of Maryland, College Park. His research interests include: dependability and security of web software, automated verification, program analysis, and software engineering. Professor Bultan's research group develops automated verification and analysis techniques that help developers in identifying and eliminating errors in software.



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### Arpit Gupta

Arpit Gupta is an Assistant Professor in the Department of Computer Science. Professor Gupta joined the Department in 2019. His Ph.D. is from Princeton University. His research interests are at the intersection of networking, security, and machine learning. He is interested in designing and building flexible, scalable, and deployable systems that solve real-world problems.

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### Ben Hardekopf

Ben Hardekopf is an Associate Professor of Computer Science at the University of California, Santa Barbara, where he leads the Programming Languages Research Laboratory. Professor Hardekopf's main research area is Programming Languages, investigating programming language design, analysis, and implementation.



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### Tobias Höllerer

Tobias Hollerer is a Professor in the Department of Computer Science. Professor Hollerer joined the Department in 2002. His Ph.D. is from Columbia University. His research interests include: Human computer interaction; computer graphics; virtual and augmented reality; wearable and ubiquitous computing. Professor Hollerer is the faculty advisor for the class of 2022.

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### Chandra Krintz

Chandra Krintz is a Professor of Computer Science at the University of California, Santa Barbara (UCSB) and co-founder and Chief Scientist of AppScale Systems, Inc. She joined the UCSB faculty in 2001 after receiving her M.S. and Ph.D. degrees in Computer Science from the University of California, San Diego (UCSD). Professor Krintz's research is at the intersection of IoT, cloud computing, and data analytics with applications in farming, ranching, and ecology (cf SmartFarm and WTB).



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## Undergraduate Advising, Computer Science, Fall 2019 (continued)

### Diba Mirza

Diba Mirza is an Assistant Teaching Professor in the Department of Computer Science. She received her Ph.D. in Computer Engineering from the University of California, San Diego and joined the Computer Science department at UCSB in 2017. She is the faculty advisor for the class of 2021 and co-directs programs in undergraduate tutoring and research.

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### Tim Sherwood

Tim Sherwood is a Professor in the Department of Computer Science. Professor Sherwood joined the CS Department in 2003. He is the Associate Vice Chancellor for Research and the co-founder of Tortuga Logic. Professor Sherwood works on all manner of computer science and engineering problems from the perspective of how to better "shape" computers to address our needs (e.g. to be more secure or amenable to machine learning).



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### Jianwen Su

Jianwen Su is a Professor in the Department of Computer Science. Professor Su joined the Department in 1990. His PhD is from USC. His research interests include: Database systems, theory, and applications.

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### Yuan-Fang Wang

Yuan-Fang Wang is a Professor in the Department of Computer Science. Professor Wang joined the Department in 1987. His PhD is from the University of Texas at Austin. His research interests include 3D computer vision, especially in developing robust, efficient and easy-to-use CV algorithms and systems, with a research objective to benefit the society at large.



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### Rich Wolski

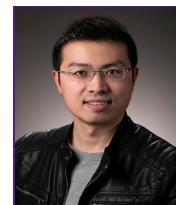
Rich Wolski is a Professor in the Department of Computer Science and co-founder of Eucalyptus Systems Inc. Professor Wolski joined the department in 2001. His Ph.D. degree is from the University of California at Davis. Professor Wolski has led several national scale research efforts in the area of distributed systems and is the progenitor of the Eucalyptus open source cloud project. His research explores ways in which the ubiquitous proliferation of high-performance network connectivity can be used to foster new distributed computing capabilities and systems.

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### Lingqi Yan

Lingqi Yan (pronounced as Ling--Chi--Yen) is an Assistant Professor in the Department of Computer Science. Professor Yan joined the Department in 2018. He received his PhD in EECS from UC Berkeley. His research is in Computer Graphics. He has worked on rendering photo-realistic visual appearance at real world complexity, building theoretical foundations mathematically and physically to reveal the principles of the visual world. His original contributions to Computer Graphics include detailed rendering from microstructure, and real-time ray tracing with reconstruction. He also exploits Machine Learning approaches for physically based rendering. He has interned at Walt Disney Animation Studios (2014), Autodesk (2015), Weta Digital (2016) and NVIDIA Research (2017).



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